

ONLINE
NATIONAL REGISTRATION CARD
DATABASE SYSTEM-ZAMBIA
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Abstract

The purpose of the National registration office of Zambia to have an online National registration cards database which makes it easy for storage and retrieval of citizens' national registration card details. This is an idea set forth to electronically capture the details of the person who has his/her NRC produced by the office to have the details appearing on original NRC issued to be entered on the online system for easy retrieval or reference in the future by any National Registration and passport officer country wide provided he has the login credentials given by Admin. The existing traditional system uses a manual system in which details of a person are captured manually and after the Registration card is issued his/her details or record are only accessible at the original station where someone registered, whereby, if someone got his/her NRC while staying in Mpulungu and loses it while staying in Kaoma and has no photocopy of it, the registration officer in Kaoma has to start phoning the Registration office in Mpulungu to get the actual details appearing on the original NRC.

The system uses an electronic system to store and retrieve NRC information for individual accessible at any registration and passport office in Zambia. This removes the idea of a particular registration office phoning the NRC issuing office to verify the citizen's details for a citizen who lose their NRC and have no copy.

The system has the following features;

Staff user login –a staff will enter his credentials to logging and perform duties which will include registering details of a citizen which are appearing on the original NRC in to the online system, attaching a scanned NRC for storage on to the system

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Abbreviations and Acronyms

NRC	National registration Card
FORM M	Affidavit / Affirmation
ICT	Information and Communication Technology
FORM A	Application For National Registration
ZRDC	Zambia Research Development Center
ICU	Information and Communication University
HTML	Hypertext maker up language
PHP	Hypertext preprocessor
MB	Mega bites
GB	Giga bites
HZ	haze
MHZ	mega haze
CPU	Central Processing Unit
IX	Extreme programming
ER	Entry relationship
RAM	Random Access unit

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Chapter 1

1.1 Introduction and background

According to the Oxford dictionary an online database is a database which is hosted on a computer network (now usually the Internet).

The National registration system is a critical part of any countries' citizen identification process. The Zambian National registration system is reflected in the national registration act which is in chapter 126 of the laws of Zambia.

The national ICT policy (2006); states that Zambia has the opportunity to make a difference by adopting and using ICT as a tool available to reduce the development divide thereby increasing the chances of improving the quality of life of the citizens and this has not yet been achieved by the Zambia national registration office.

1.2 problem /Opportunity statement

Although evidently critical to citizens' identification process as reflected by the National Registration ACT of Zambia under cap. 126 of the laws of Zambia, record keeping for citizens' National registration has been remote, by this it means it has only been accessible at the original issuing office, it is not accessible through a central server in Zambia and does not encourage easy storage and retrieval of citizens' card details.

The national ICT policy (2006); states that Zambia has the opportunity to make a difference by adopting and using ICT as a tool available to reduce the development divide thereby increasing the chances of improving the quality of life of the citizens and this has not yet been achieved by the Zambia national registration office.

Current System

In its current state the national registration system is purely manual and therefore record keeping is only at issuing office of citizen's national registration card. This possess a challenge in terms of accessibility to the records especially for a citizen who has moved to another area other than the original area from which he/she got the national registration card. For example, a person who registered for his national registration card while living in Mpulungu district of northern province and loose it while staying in Kaoma district of Western province and has no photocopy of the original, if they visit the national registration office in Kaoma to have his/her card replaced, Kaoma registration office has to contact Mpulungu office

e to verify details of a citizen appearing on the original card. The challenges with this has been that they are times when the Kaoma office succeed to contact the original issuing of fice meaning that the citizen is affected.

1.3 Agile development for web-based application

Agile methods represent a relatively new approach to software development becoming wide spread in the last decade. The ideas behind these methods originate from the principles of Lean manufacturing in 1940s and Agile manufacturing in 1990s, which emphasized the adaptability of enterprises to a dynamic environment (Salo:2006). The unique features of agile methods derive from the list of principles found in the “Agile manifesto”: which postulates that individuals and interactions are more important that processes and tools, working software is more valuable than comprehensive documentation, customer collaboration is preferred over contract negotiation, and adaptability is valued higher than creating and following a plan (Agile Alliance: 2001).

Boehm and Turner, (2003), identifies fundamental concepts to agile development which includes design principles, a large number of releases in a short time frame; extensive use of refactoring, pair programming, test-driven development, and seeing change as advantage. Abrahamsson et al (2002) defines agile method as an incremental (multi release), cooperative (a strong cooperation between developer and client), straight forward (easy to understand and modify) and adaptive (allowing for frequent changes).

The use of agile methods in software development has received both supporting and opposing arguments. The main arguments against agile methods is the asserted lack of scientific validation for associated activities and practices as well as the difficulty of integrating plan-based practices with tics, in which cases a balance must be achieved in the use of both types of methods (Boehm: 2002) there is also some amount of uncertainty in distinguishing agile method s from ad-hoc programming. However, as stated in Salo (2006), agile methods do provide an organized development approach.

When trying to compare web-based application characteristics to those of an agile method, difficulty comes partly from the fact that boundaries of agile methodologies are not clearly established. A comprehensive overview of research in the field is presented by Dyna and Dingsoyr (2009) partitions the introduction and adaptation, human and social factors, perception of agile method, and comprehensive studies. Findings indicate that the introduction of agile methods to software development yield benefits especially if agile practices do not completely replace traditional ones, but work in conjunction with them. However, Dyna and Disgsoyr (ibid) observes that studies in the field are mostly focused on extreme programming which are limited in approach and often comprise

quality.

In light of Abrahamsson, (2005), the author performs a direct comparison between agile method characteristics and web-based application features, focusing on environment volatility, amount of documentation produced, amount of planning involved, size of the development team, scale of the application in-development, customer identification, and object orientation.

Except customer identification, all other agile characteristics render the methods suitable for web-based application development. The customer may be identifying as the software distributor. However, especially in the case of web-based application, the customer identification problem is much more complex. The method is based on agile practice, drawing elements from well-established agile methods such as extreme programming and crystal methodologies, but also from the “heavier” rational unified process. Additional information on XP is available in Beck and Andres (2004), while crystal methodologies are thoroughly described (Cockburn: 2004). The RUP can be explained from the point of view of Kroll and Kruchten (2003). Practices associated to web-based application include test-driven development, pair programming, continuous integration, and refactoring as well as software process improvement task. The methodology was adopted for this work due to the unique features herein demonstrated above

Online National Registration Card Database System

The current system of storing information does not encourage easy and efficient access to citizens' national registration details as they tend to be accessible only at the office this possess a challenge if a person needs to have access to have their card replaced they have to be subjected to phone inquiries made at the original issuing office which is cumbersome process and if the phone inquiry is not successful such if they cannot get through to the original issuing office for maybe one reason or the other such phone off, then the a citizen will suffer by for example being asked to come another time or day.

A. Proposed System

The purpose of this system is to implement an online storage of the details of the citizens national registration cards being issued to ensure easy retrieval by any national registration office anywhere in Zambia and not only the original issuing office.

The system will be attached to a website for the purpose of accessibility online in order to ensure that details entered are accessible by any registration office in Zambia.

II. objectives of the systems

Some of the objectives of the proposed system are:

- ❖ Capture and store accurate data appearing on a citizen's national registration card.
- ❖ Provide easy access to stored information by any national registration office in Zambia through a central server.

A. Scope of the system

This system will cover the aspect easy online storage and retrieval of information of citizens' national registration card details. However, this system will not be used to change the current system of issuing national registration cards in Zambia, the process of issuing will remain the hardcopy card, the only change is the storing of information that is appearing on the national registration card and the captured photo on the card which will be stored on the online database.

B. Functional Requirements

Data Input

The Chief Registrar and/or any other senior officer assigned by Chief registrar will act as system administrator and will be responsible for data to be inputted such as:

- ✚ Registering new users for the system who will happen to be District registrars.
- ✚ User credentials
- ✚ Details of the of the District Registrars
- ✚ Editing and deleting of current users

Data Storage

The system will be able to store the information into the database. It will be able to store data such as:

- ✚ Record of users
- ✚ Logging in credentials
- ✚ Other user details

Data Storage

The system will be able to store the information into the database. It will be able to store data such as:

- ✓ Citizens national registration card details
- ✓ Citizens national registration original photo portrait

Data Processing and Output

The system will be able to allow a user (i.e District Registrar) to enter details of a citizen appearing on the original Green National registration card and attached the original photo appearing on the card. These details will be entered on the central server and later be viewed by any registration office in Zambia as long the officer there has the login credential given by the administrator.

Non-Functional Requirements

Administrative Features

These features will allow manipulation of the underlying database of the system.

Login

The website software application will provide functionality to allow a user to log in to the system with a username and password by passed with authentication of users credentials. Users will be presented with a welcome screen with features that are specific according to their user level (i.e Admin or Standard user).

- All features are to be accessed by the tabs appearing on the top from which a user selects the task they wish to do.
- The user is to communicate to the system through the use of a mouse and keyboard.

Hardware Requirements

Website Requirements

The Website application is expected to operate on a personal computer with the following minimum

Hardware characteristics.

- i. Intel Celeron 1000MHZ CPU.
- ii. 512MB RAM.
- iii. Hard Disk: 20GB Hard disk or more.
- iv. Processor speed: 2GHZ.
- v. Keyboard.
- vi. Mouse: button optical/mechanical.

Software Requirements

Website Requirements

The website application will be developed in HTML and for the user to be able to access it, a web browser such as Internet explorer, Mozilla Firefox or Google Chrome has to be installed on the computer. The application will be using MYSQL as a backend to run the database.

- a) Windows XP Operating System or better.
- b) Apache Server.
- c) Web Browser.
- d) PHP.
- e) JavaScript

Performance Requirements

The user will wait no longer than 5 seconds after requesting functionality from the software application for the request to be completed.

Quality Requirements

The following requirements relate to the quality of the software application being produced.

Availability

The software application will be available on a 24 hours basis provided that there is no interruption of network connectivity. The user will have access to all the features assigned to them according to their user level privileges and are assured to complete the task they wish to perform until its complete without difficulty.

Learnability

A user manual which will detail the use of the software application will be delivered together with the application.

Readability

The software application will be presented such that menu items and database member details will be at least size 12 point to ensure readability.

Operability

The website software application will allow the user to operate by input from a mouse and from the keyboard.

Security

. Users will only be registered by the Administrator who happens to be the Chief Registrar.

Users who happen to be district registrars will only access the privileges available at their user level and will not exceed task beyond them.

DESIGN SPECIFICATION

Software design is the process by which an agent creates a specification of a software artifact, intended to accomplish goals, using a set of primitive components and subject to constraints. It refers to either all activity involved in conceptualizing, framing, implementing, commissioning and ultimately modifying complex systems or the activity following requirements specification and before programming.

The purpose of this design specification is to describe the logical and physical design of the national registration database. It specifies features that are incorporated into the application. Details such as architecture design, data design, database design, logical design, and user interface design and security design for each activity in the application and description for each module is given.

The purpose of this system is to implement the computerization of the storage of details of citizens' national registration cards.

Data Processing and Output

The system will be able to generate reports and other comment necessary to the logging in and logging out status as well as the tasks a particular teacher is scheduled to accomplish in a particular day. The system will perform operations on the data entered to produce output.

Scope of Design Specification

This chapter will guide the programmer in the implementation of the requirements described in the requirements specification section by describing the following;

- Data Design
- Physical Design
- Logical Design
- Interface Design
- Security Design

Data Design

The data design specifies all the inputs, outputs and stored files that the system accepts. This gives the specification of the structure of the data that should be input into the system and the output that is expected from the system. This is conducted via a framework, which in this case an Entity Relationship Diagram was used to show the entities and attributes and how these entities are related to each other. Entity Relationship Diagram starts with identifying the entities or objects that comprise the system and identifying which kind of data will be collected about such entities and then identifying relationships among them. The database will be a relational database that will comprise of tables with each table having field names, type field and the size of the field.

Entities

The following entities were identified as the ones required for the system:

- Users
- Registration
- FORM M
- Announcements

USERS

The users in this case are chief registrar who is the system administrator and the district registrars who are standard user privileges. The USERS table will have the following attributes:

- UserId
- Full Name
- Gender
- Address
- UserName
- Password
- Role

Registration

The registration table will contain Registration details for citizens that will be registered by the Registrars and will have the following attributes:

- nrcnumber
- firstname
- middlename

- lastname
- address
- birthday
- gender
- phonenumber
- photo
- signature
- date

Announcements

The Announcements table will contain the internal communication that will be happening within. It will contain the following attributes:

- Id
- subject
- description
- date

Chapter 2

2.0 Introduction

Literature review provides all the basically aspect with theory or that related with documentation for the project that are being developed. The important thing to know in this chapter is how to use the system effectively. Besides, the software and hardware approach must be cleared in developing database and also for the whole project.

2.1 Overview Literature of Various Technologies

The national ICT policy(2006); states that Zambia has the opportunity to make a difference by adopting and using ICT as a tool available to reduce the development divide thereby increasing the chances of improving the quality of life of the citizens and this has not yet been achieved by the Zambia national registration office.

- ❖ Implementation of the System: no such system has been implemented in Zambia yet.
 - However, similar systems that have been implemented in other countries in terms of integrating ICT in national registration, have covered the aspect of biometric cards which are expensive to implement for example in UAE, UK(Whitley, E. A. & Hosein, G. (2010) , etc.

2.2 How to Use This System

The online national registration database system is the online system that the administration of National registration office and District registrars will use to view the citizens' national identity details for easy retrieval.

The system administrator's role requires to register all the users (District Registrars) to in order for them to perform their tasks of registering new citizens and other tasks required to be done by them. This means that the institution has just one server which includes the online NRC registration and the database. The database that is being developed is controlled by administrator whereby they have their own password to enter this system. The administrator can edit, view, add, save and delete the NRCs and user profiles.

This system is fully controlled by system administrator and the District Registrars cannot access some interface.

Chapter 3

DESIGN SPECIFICATION

Software design is the process by which an agent creates a specification of a software artifact, intended to accomplish goals, using a set of primitive components and subject to constraints. It refers to either all activity involved in conceptualizing, framing, implementing, commissioning and ultimately modifying complex systems or the activity following requirements specification and before programming.

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- Full Name
- Gender
- Address
- UserName
- Password
- Role

Registration

The registration table will contain Registration details for citizens that will be registered by the Registrars and will have the following attributes:

- nrcnumber
- firstname
- middlename
- lastname
- address
- birthday
- gender
- phonenumber
- photo

- signature
- date

Announcements

The Announcements table will contain the internal communication that will be happening within. It will contain the following attributes:

- Id
- subject
- description
- date

Data Structures

The data tables that will be in the database are as follows:

Users Table

Attribute Name	Data Type	Size
userid	int	22
Full Name	Varchar	255
Gender	Varchar	255
Address	Varchar	255
username	Varchar	255
password	Varchar	255
role	Varchar	255

Table 1.0: Users..source:Author (2018)

Registration Table

Attribute Name	Data Type	Size
nrcnumber	Varchar	255
nrcnumber	Varchar	255
surname	Varchar	255
givennames	Varchar	255

sex	Varchar	255
dateofbirth	Varchar	255
countryofbirth	Varchar	255
education	Varchar	255
race	Varchar	255
placeofbirth	Varchar	255
fatherplaceofbirth	Varchar	255
registrarsignature	Varchar	255
registrername	Varchar	255
registrationstamp	Varchar	255
nationalstatus	Varchar	255
residentialaddress	Varchar	255
postaladdress	Varchar	255
specialmark	Varchar	255
signatureofregisteredperson	Varchar	255
thumbprintofregisteredperson	Varchar	255
photoofregisteredperson	Varchar	255

Table 2.0: Registration (FORM A) . source:Author (2018)

Announcements Table

Attribute Name	Data Type	Size
Id	int	22
Subject	Varchar	255
Description	Varchar	255
date	Varchar	255

Table 3.0: Announcements. source:Author (2018)

FORM M Table

Attribute Name	Data Type	Size
cardnumber	Varchar	255
desponentname	Varchar	255
address	Varchar	255
age	Varchar	255
desponentnrnumber	Varchar	255
applicantname	Varchar	255
relationship	Varchar	255
relationship	Varchar	255
applicantvillageorTownship	Varchar	255
applicantChieforTown	Varchar	255
applicantDistrict	Varchar	255
applicantcountry	Varchar	255
primaryschool	Varchar	255
pFrom	Varchar	255
pTo	Varchar	255
secondaryschool	Varchar	255
sFrom	Varchar	255
sTo	Varchar	255
postsecondary	Varchar	255
psFrom	Varchar	255
psTo	Varchar	255
applicantfathername	Varchar	255
applicantfathernrno	Varchar	255
applicantfathernrno	Varchar	255
applicantfatherplaceofissue	Varchar	255
applicantfatherVillageorTown	Varchar	255
applicantfathertribe	Varchar	255
applicantfatherchief	Varchar	255
applicantfatherdistrict	Varchar	255
applicantfathercountry	Varchar	255
applicantmothername	Varchar	255
applicantmothernrno	Varchar	255
applicantmothernrncissuedate	Varchar	255
applicantmothernrncplaceofissue	Varchar	255
applicantmotherplaceofbirth	Varchar	255
applicantmothertribe	Varchar	255
applicantmotherchief	Varchar	255
applicantmotherdistrict	Varchar	255
applicantmothercountry	Varchar	255
signatureimage	Varchar	255

Table 4.0: FORM M. Source: Author (2018)

Physical Design

The system will reside on the web server which will be sending data that is stored by the database and retrieving data from the database. The client machine either the Laptop or a desktop will have the browser which will be used to access the system through an internet connection.

Figure 2.0 below shows the physical design of the system.

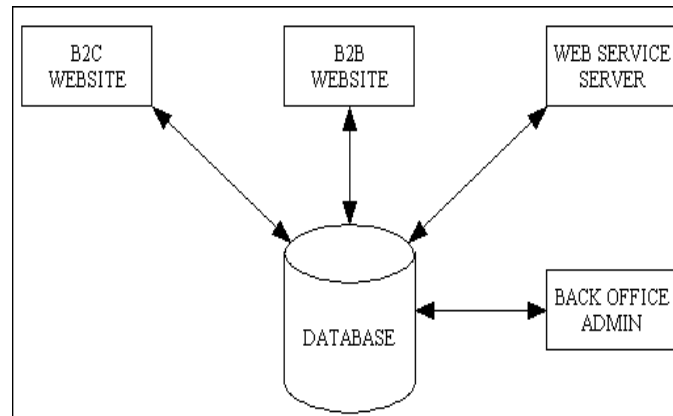


Figure 2.0: Physical Design..source:Author (2018)

Logical Design

A logical design is a more detailed design which includes all major components and entities plus their relationships. The data flows and connections are detailed in this stage. The target audience is typically developers or other systems architects. However, it is possible to create logical designs for business purposes to ensure that all components and functionality is accounted and well understood. Logical designs do not include physical server names or addresses. They do include any business services, application names and details, and other relevant information for development purposes. This proposed system will use the flow charts method to show the logical design of the components of this system.

The national registration card online database System will be designed and developed using a top down approach.

Figure 3.0 below shows the various modules which will constitute the system.

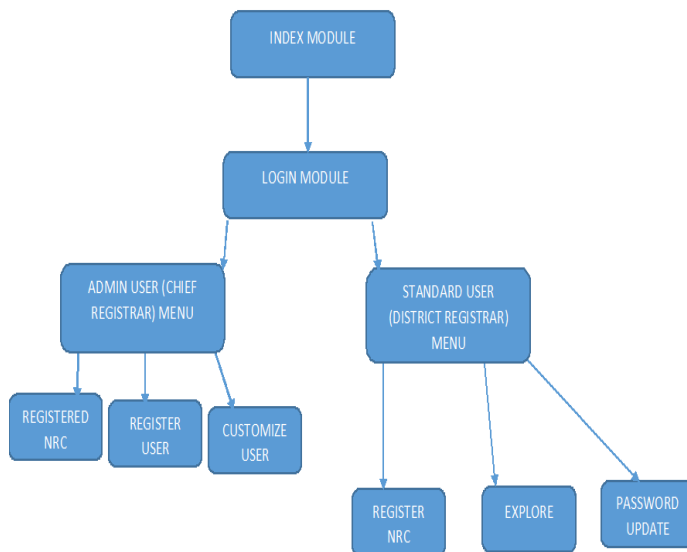


Figure 4.0: Hierarchical chart. source:Author (2018)

Following sections as shown in figure 5.0 and 5.1 below.

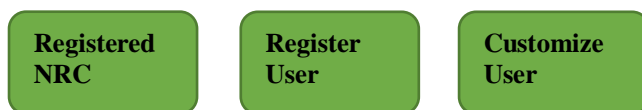


Figure 5.0: Administrator (Chief Registrar) User Interface. source:Author (2018)



Figure 5.1: Standard (District Registrar) User Interface. source:Author (2018)

The Chief registrar or an administrator assigned by him will be responsible for registering new user who happen to be District Registrars. The District registrar will only access the roles according to his user level and that will include registering new citizen NRC details, exploring to view another NRC. When a user enters login details, the system will have to compare the details with those stored in the database, if they match, access will be granted, and if they is no match access will be denied. Figure 6.0 below shows the flow chart.

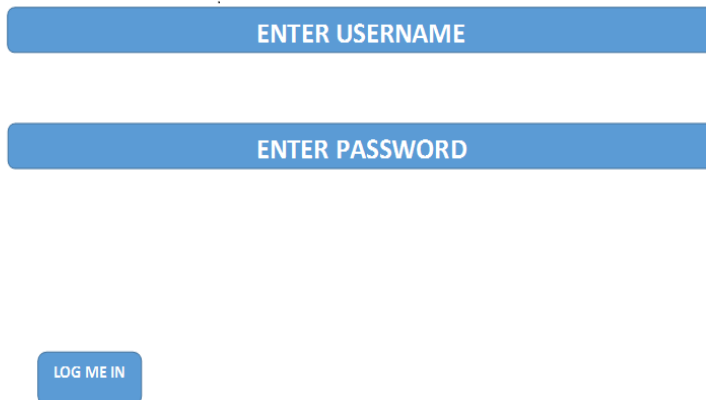


Figure 6.0: Security Design. Source: Author (2018)

Chapter 4

4.0 SYSTEM IMPLEMENTATION

4.1 INSTALLATION MANUAL

The installation manual explains the setup of the system. it gives the steps that the user should take in order to successfully install the system.

Installation

WAMP installation

Use the link <http://www.wampserver.com> to download WAMP server.

Install the software by following the instructions.

WAMP server configuration

In the task bar, right click on the WAMP server icon.

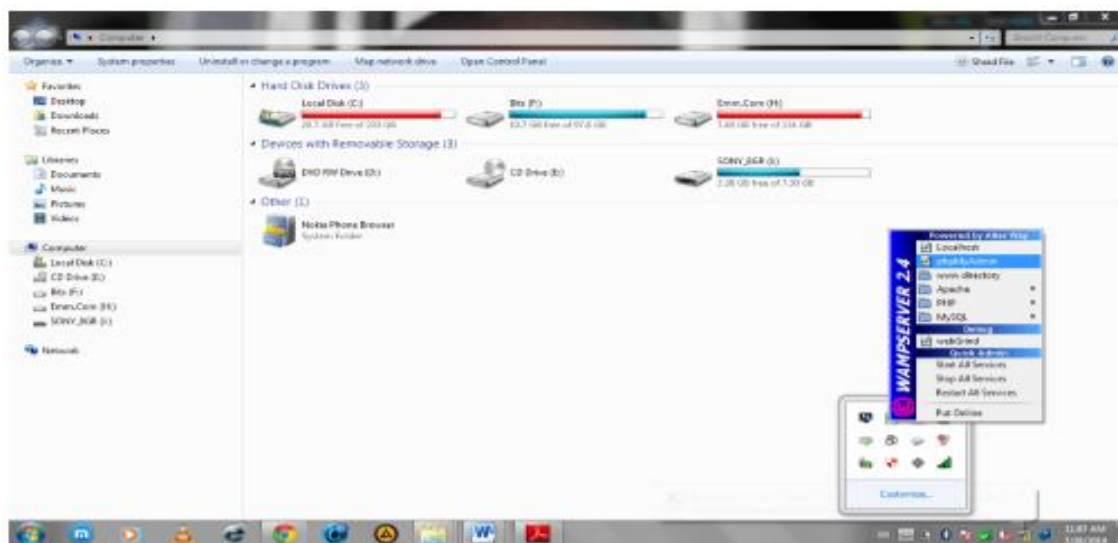


Figure 1: Starting WAMP server..source: Author (2018)

- To open the configuration file(httpd.conf) for apache server, select httpd.conf.
- Locate the following lines by scrolling down in the httpd.conf file.

This should be changed to whatever you set #DocumentRoot# to.

You can set the path C://wamp/www to the location of the application folder or simply by placing the folder in C://wamp/www. Then change the lines as follows:

C://wamp/www/desired_name_of_your_web_application_folder and place the folder there. Save the changes and close the file.

If a mistake is made, undo the changes or simply close the file without saving the changes also, if tracking of the changes proves to be difficult some WAMP server services fail to run after restarting them. Perform reinstallation.

Setting up the database

The database tables were created using SQL and was in notepad it is therefore set up in MySQL server using phpMyAdmin as follows:

In the task bar click on the WAMP server icon and then on the phpMyAdmin link

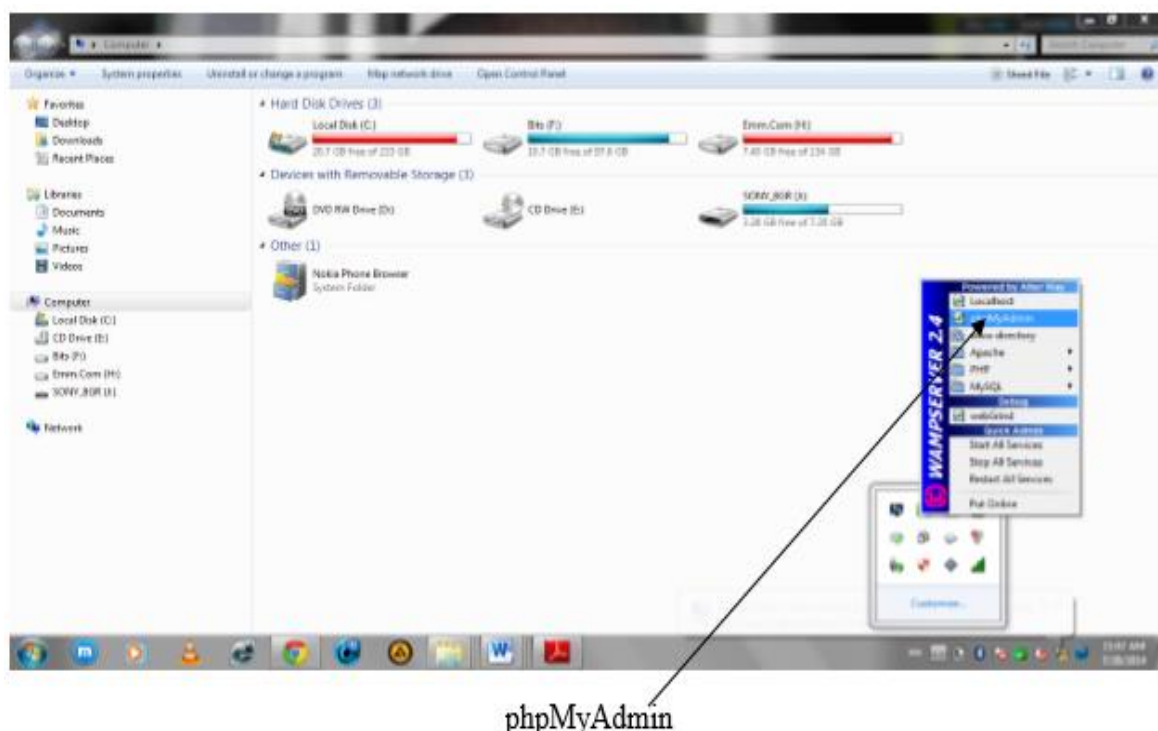


Figure 1: Starting WAMP server..source:Author (2018)

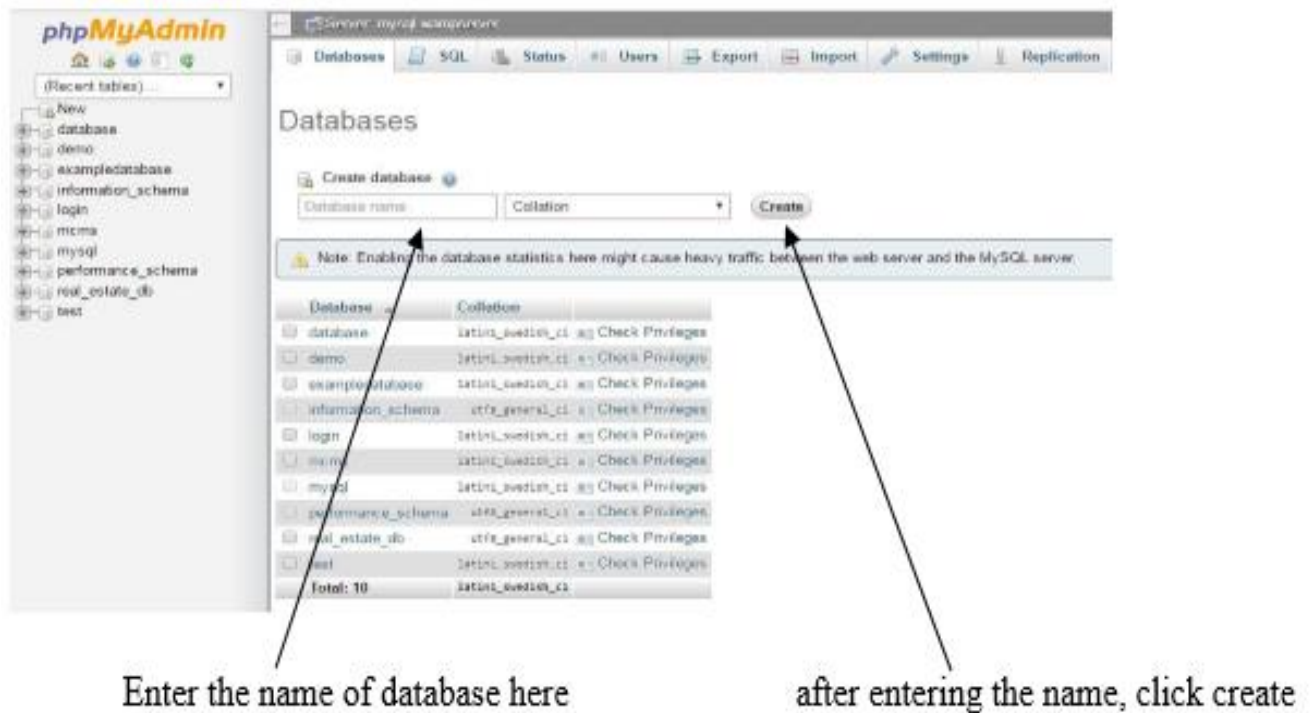


Figure 3: Setting up the database. source: Author (2018)

Restarting WAMP server:

In the task bar, click on the WAMP server icon

Select restart all services.

If the changes made to httpd. Conf file are ok, a green WAMP icon appears

If not, revisit the changes made.

Chapter 5 USER MANUAL

5.0 Introduction

This chapter details how the user of the system can perform various tasks in using the system. It shows the step-by-step, with examples and screen dumps and will generally describe the system from installation, to getting started and using certain functions of the concerned application.

5.1 Getting started

To run the Online National Registration database system, you need to start the browser of your choice then you type the path of the location where the application is located in the address bar if the browser which is: Localhost/NRC/index.php

5.2 Start page

After successfully installing WAMP server and run the browser, the users navigate to a start-up where they can login depending on the type of a user. See the screenshots below for more information.

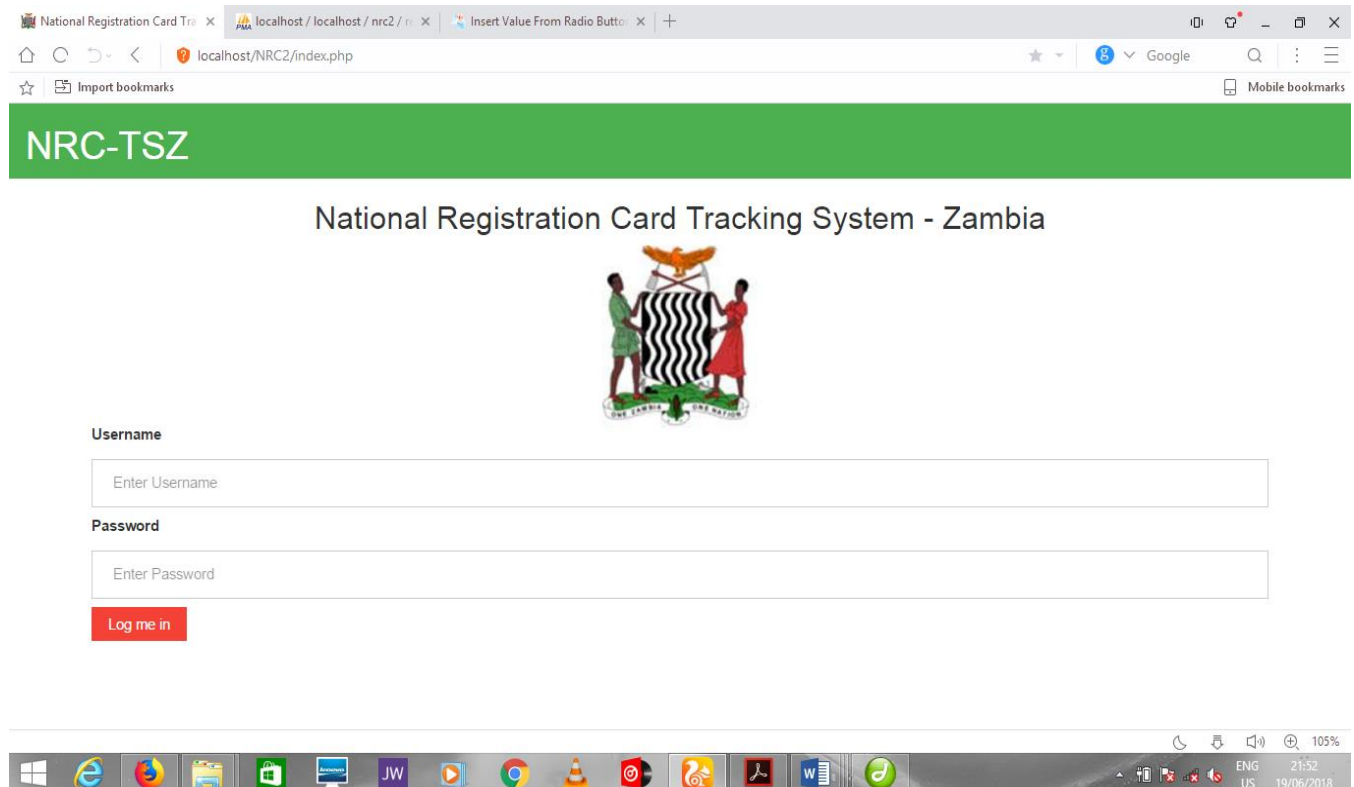


Figure 4: Start up page..source:Author (2018)

5.3 Admin Logged in

If you have credentials for an Admin the admin is logged and the following window will appear.

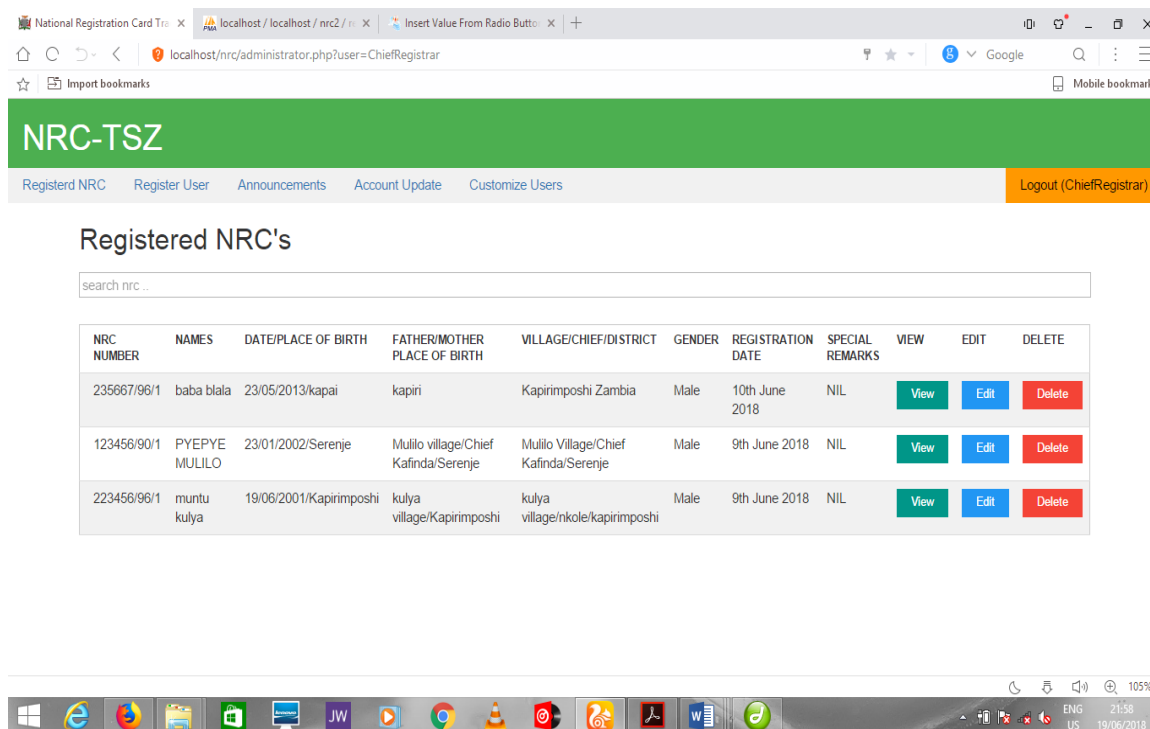


Figure 5: Admin Login..source:Author (2018)

If you have not entered either of the credentials wrongly or if you have not entered neither of the fields, the following error window is displayed.

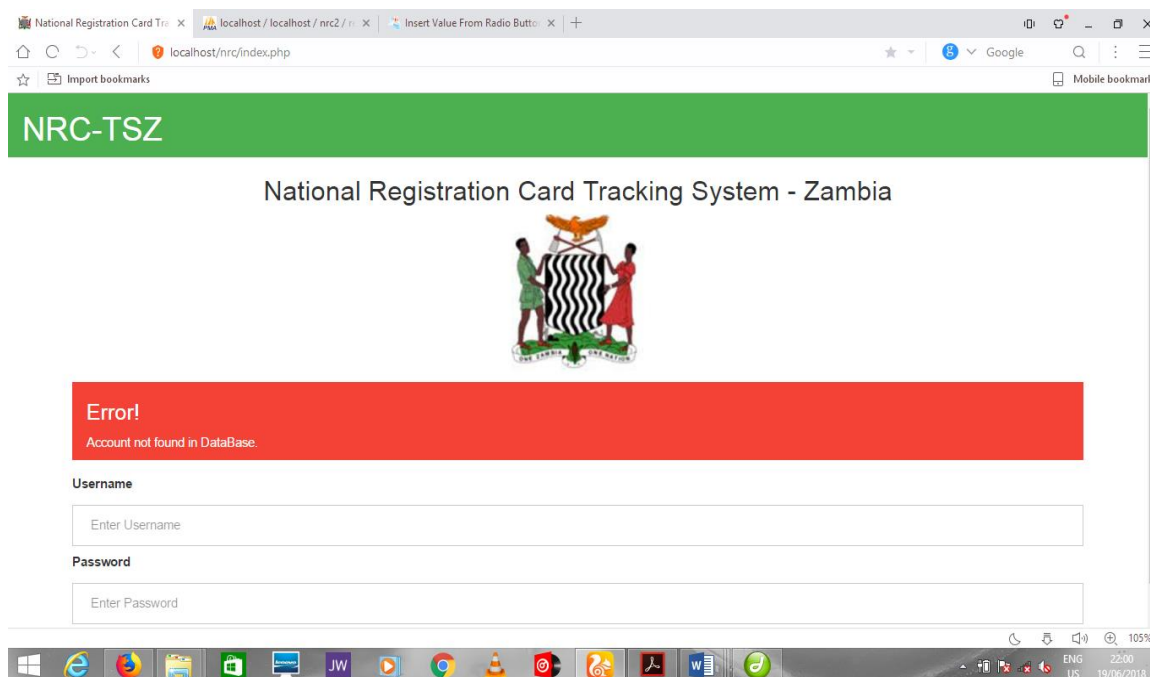


Figure 6: Admin Login error. ..source:Author (2018)

5.4 User (Registrar) Login

Scan the provided bar code with the scanner in order to login into the system.

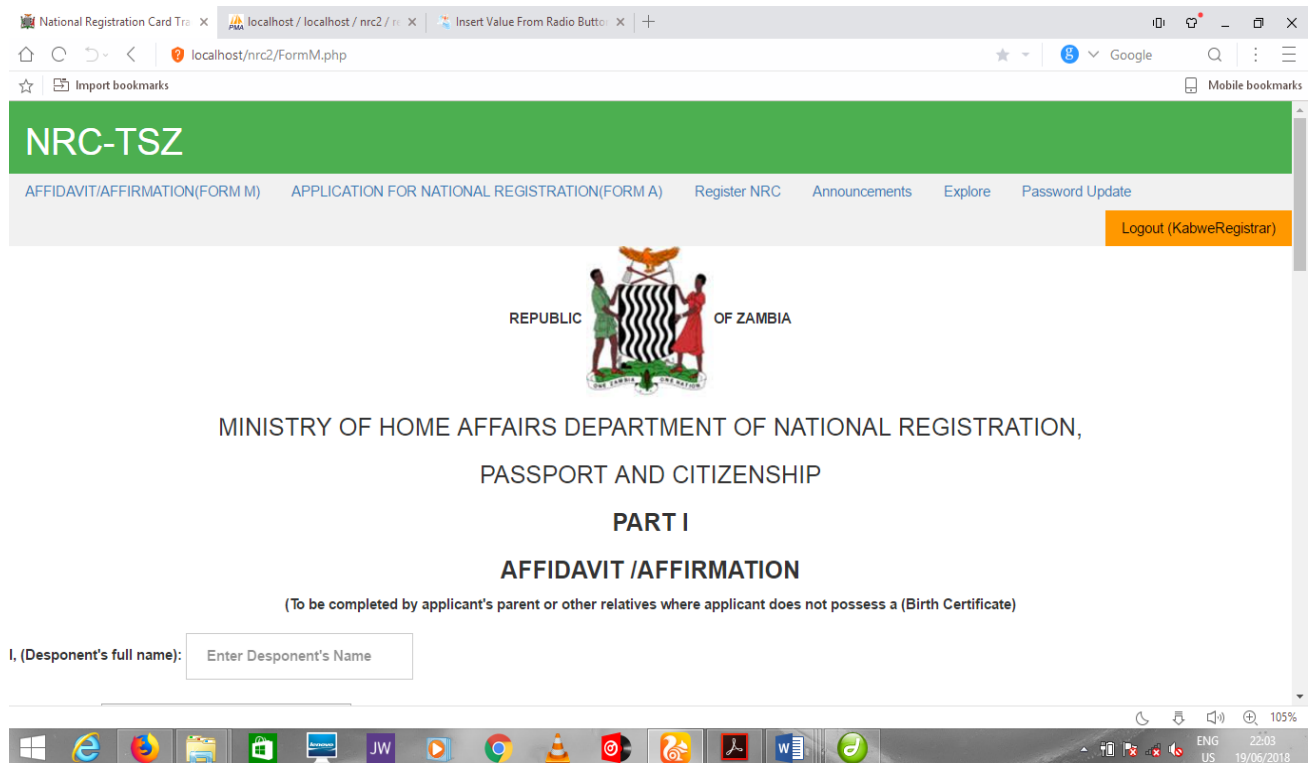


Figure 7: User Login. ..source:Author (2018)

Admin success register login

After Admin has successfully log in, the Register New user window appears.

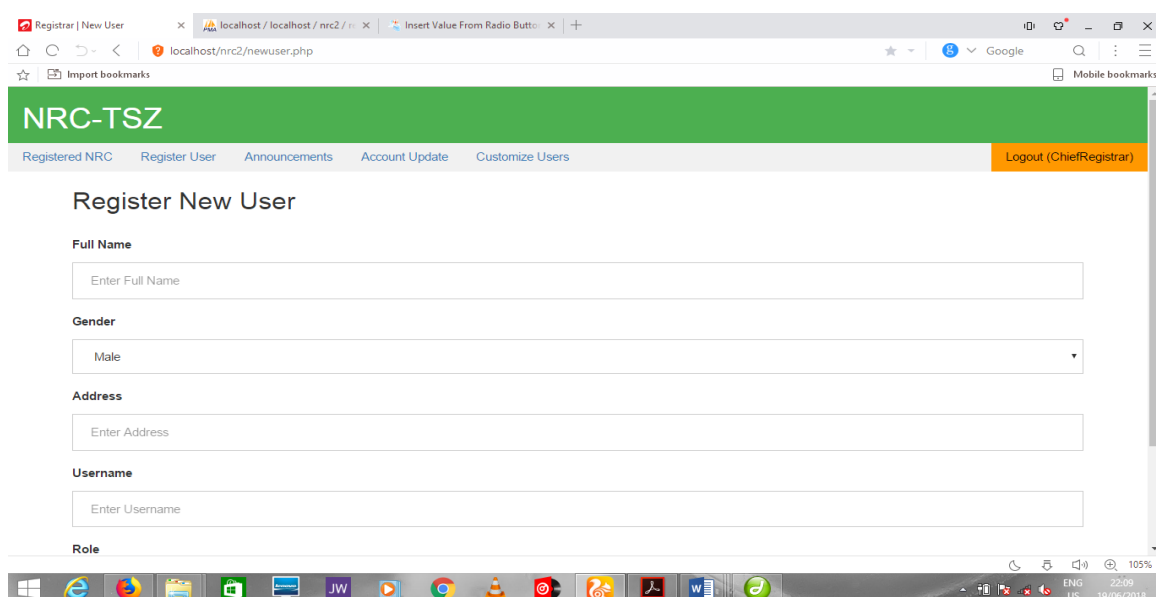


Figure 8: Add user. source:Author (2018)

Admin logs in and is able to add new users in a window as shown above in figure 8. After Admin successfully registers a user (Registrar), the user is now able to view tasks according to their standard user level as shown in figure 7.

5.5 Registration process

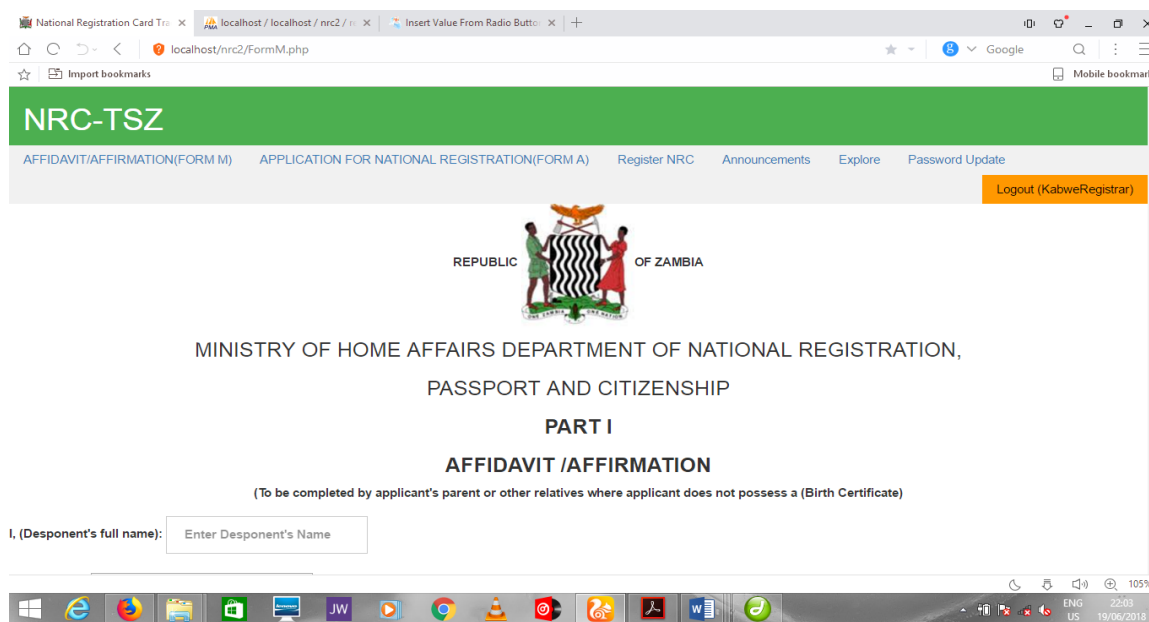


Figure 10: Form M (AFFIDAVIT/AFFIRMATION) ..source:Author (2018)

This form is used by the district registrar as a first form during nrc registration process in which a person standing for the applicant is interviewed.

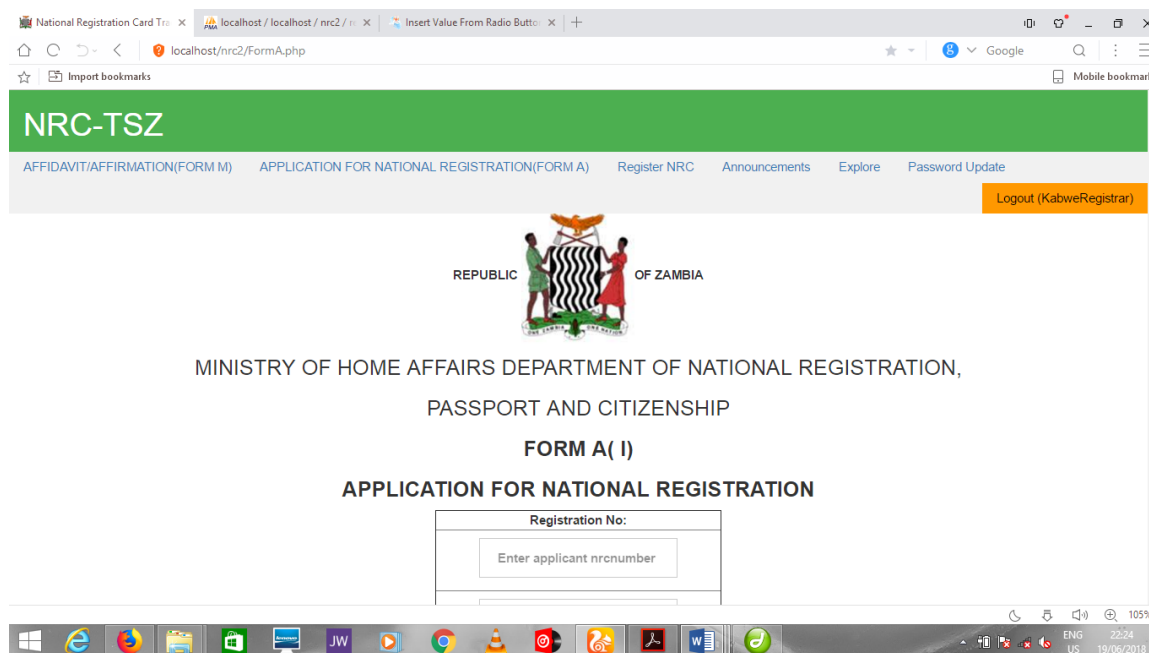


Figure 11: Form A (APPLICATION FOR NATIONAL REGISTRATION). ..source:Author (2018)

Chapter 6

6.0 Summary

6.1 Introduction

The online national registration database system is aimed at creating a system of accurate capturing and storage of citizens national registration cards and other essential details in connection with national registration particulars of citizens.

In addition, these details are to be readily accessible online by all national registration offices country wide for easy verification, tracking and replacement of citizen national identity cards.

This system will therefore act as a central server for citizens' identity details will accurate details of citizens registered in Zambia.

6.1 Conclusion

The researcher acknowledges that one aspect of central storage of citizens' national identity details has been dealt with. However, the system does not electronically account for the storage of citizens' details into electronic mobile biometric chips like other countries have achieved. This feature requires a total repeal of the national registration act under cap 126 of the laws of Zambia.

6.3 Recommendations

In view of the research findings and analysis, the major recommendation is that the government of Zambia should look into revising the National registration act to make it more supportive of implementation of technologies in terms of national registration process to make the process fully electronic by implementing such technologies as biometric cards.

6.4 Future Research

Once the national registration act of Zambia (cap. 126 constitution of the republic of Zambia) is revised, it will allow more flexible environment for technology researchers to engage themselves electronic national identity cards exploration.

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Appendices

Index.php

```
<!DOCTYPE html>
<html>
<title> National Registration Card Tracking System - Zambia | User Login</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="style/w3.css">
<link rel="stylesheet" href="style/bootstrap.min.css">
<link rel="icon" href="images/banner.jpg">
<style>
input[type=text], input[type=password] {
    width: 100%;
    padding: 12px 20px;
    margin: 8px 0;
    display: inline-block;
    border: 1px solid #ccc;
    box-sizing: border-box;
}

</style>
<body>
<div class="w3-container w3-green">
    <h1>NRC-TSZ</h1>
</div>

<center>
<h2>National Registration Card Tracking System - Zambia </h2>

<form action="index.php" method="POST">
    <div class="imgcontainer">
        
    </div>
```

</center>

<div class="container">

<?php

```
error_reporting(E_ALL ^ E_DEPRECATED);
```

```
if(isset($_POST['submit'])) {
```

```
include 'database_configuration.php';
```

```
$myuser = $_POST['username'];
```

```
$mypass = $_POST['password'];
```

```
$sql = "SELECT * FROM users where username='$myuser' and password='$mypass'";
```

```
$result = $conn->query($sql);
```

```
if ($result->num_rows > 0) {
```

```
    while($row = $result->fetch_assoc()) {
```

```
        $role = $row['role'];
```

```
if ($role == "Admin") {
```

```
setcookie(loggedin, date("F jS - g:i a"), $seconds);
```

```
session_start();
```

```
$_SESSION['username'] = $myuser;
```

```
header("location:administrator.php?user=$myuser");
```

```
} else {
```

```
setcookie(loggedin, date("F jS - g:i a"), $seconds);
```

```
session_start();
```

```
$_SESSION['username'] = $myuser;
```

```
header("location:standard_user.php?user=$myuser");
```

```
}
```

```
}
```

```
} else {
```

```
    print '
```

```
<div class="w3-panel w3-red">
```

```
<h3>Error!</h3>
```

```
<p>Account not found in DataBase.</p>
```

```
</div>
```

```
;
```

```
}
```

```
$conn->close();
```

```
}
```

```
?>
```

```
<label><b>Username</b></label>
```

```
<input type="text" placeholder="Enter Username" name="username" required>
```

```
<label><b>Password</b></label>
```

```
<input type="password" placeholder="Enter Password" name="password" required>
```

```
<button type="submit" name="submit" class="w3-btn w3-red">Log me in</button>
```

```
</form>
```

Administrator.php

```
<?php
```

```
session_start();
```

```
$current = $_SESSION['username'];
```

```
?>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<title>National Registration Card Tracking System - Zambia| Registered NRC</title>
```

```
<meta name="viewport" content="width=device-width, initial-scale=1">
```

```
<link rel="stylesheet" href="style/w3.css">
```

```
<link rel="stylesheet" href="style/bootstrap.min.css">
```

```
<link rel="icon" href="images/banner.jpg">
```

```
<style>
```

```
input[type=text], input[type=password] {
```

```
width: 100%;
```

```
padding: 12px 20px;
margin: 8px 0;
display: inline-block;
border: 1px solid #ccc;
box-sizing: border-box;
}

</style>
<body>
<div class="w3-container w3-green">
  <h1>NRC-TSZ</h1>
</div>
  <ul class="w3-navbar w3-light-grey">
    <li><a href="administrator.php">Registered NRC </a></li>
    <li><a href="newuser.php">Register User</a></li>
    <li><a href="announcements.php">Announcements</a></li>
    <li><a href="myaccount.php">Account Update</a></li>
    <li><a href="users.php">Customize Users</a></li>
  <li class="w3-right"><a class="w3-orange" href="logout.php">Logout (<?php echo"$current"; ?></a></li>
</ul>
  <div class="container">
<h2>Registered NRC's</h2>
<table class="w3-table-all">
  <tr>
    <th class="w3-small w3-small">NRC NUMBER</th>
    <th class="w3-small w3-small">NAMES</th>
    <th class="w3-small w3-small">DATE/PLACE OF BIRTH</th>
    <th class="w3-small w3-small">FATHER/MOTHER PLACE OF BIRTH</th>
    <th class="w3-small w3-small">VILLAGE/CHIEF/DISTRICT</th>
    <th class="w3-small w3-small">GENDER</th>
    <th class="w3-small w3-small">REGISTRATION DATE</th>
    <th class="w3-small w3-small">SPECIAL REMARKS</th>
    <th class="w3-small w3-small">VIEW</th>
    <th class="w3-small w3-small">EDIT</th>
    <th class="w3-small w3-small">DELETE</th>
  </tr>
```

```
<?php
    echo "
        <div style=\"width:100%; overflow:auto; display:block; clear:both;\">
            <form action=\"search.php\" method=\"get\">
                <input name=\"search\" type=\"text\" placeholder=\"search nrc ..\" style=\"float:right;
padding:2px; border:1px solid #bbb;\">
            </form>
        </div>
        <br/>
    ";
?>
<?php
    include 'database_configuration.php';

    $sql = "SELECT * from registration ORDER BY date";
    $result = $conn->query($sql);

    if ($result->num_rows > 0) {

        while($row = $result->fetch_assoc()) {
            echo "<tr><td>" . $row["nrcnumber"]. "</td><td>" . $row["firstname"]. "</td><td>" .
    $row["middlename"]. "</td><td>" . $row["lastname"]. "</td><td>" . $row["address"]. "</td><td>" .
    $row["gender"]. "</td><td>" . $row["date"]. "</td><td>" . $row["phonenumber"];
            echo '</td><td><a style="font-size:12px;" class="w3-btn w3-teal"
href="nrc_view2.php?id='.$row['nrcnumber'].'">View</a>';
            echo '</td><td><a style="font-size:12px;" class="w3-btn w3-blue"
href="edit_nrc2.php?id='.$row['nrcnumber'].'">Edit</a>';
            echo '</td><td><a style="font-size:12px;" class="w3-btn w3-red"
href="delete_nrc2.php?id='.$row['nrcnumber'].'">Delete</a>';
        }
    } else {
        print '
</table><div class="w3-panel w3-leftbar w3-light-grey">
    <p class="w3-xlarge w3-serif">
        <i><b>0</b> Record(s) found on DataBase</i></p>
</div>';
```

```
}  
$conn->close();  
?>
```

Standard user.php

```
<?php  
session_start();  
$current = $_SESSION['username'];  
?>  
  
<!DOCTYPE html>  
<html>  
<title>National Registration Card Tracking System - Zambia| NRC Registration</title>  
<meta name="viewport" content="width=device-width, initial-scale=1">  
<link rel="stylesheet" href="style/w3.css">  
<link rel="stylesheet" href="style/bootstrap.min.css">  
<link rel="icon" href="images/icon.jpg">  
<link rel="stylesheet" href="jquery-ui.css">  
  <link rel="stylesheet" href="/resources/demos/style.css">  
  <script src="jquery-1.12.4.js"></script>  
  <script src="jquery-ui.js"></script>  
  <script>  
    $( function() {  
      $( "#datepicker" ).datepicker();  
    } );  
  </script>  
  
<style>  
input[type=text], input[type=password] , input[type=number]{  
  width: 100%;  
  padding: 12px 20px;  
  margin: 8px 0;  
  display: inline-block;  
  border: 1px solid #ccc;  
  box-sizing: border-box;  
}
```

```
select {
    width: 100%;
    padding: 12px 20px;
    margin: 8px 0;
    display: inline-block;
    border: 1px solid #ccc;
    box-sizing: border-box;
}
</style>
<body>
<div class="w3-container w3-green">
    <h1>NRC-TSZ</h1>
</div>
<ul class="w3-navbar w3-light-grey">
    <li><a href="FormM.php">AFFIDAVIT/AFFIRMATION(FORM M) </a></li>
    <li><a href="FormA.php">APPLICATION FOR NATIONAL REGISTRATION </a></li>
    <li><a href="standard_user.php">Register NRC </a></li>
    <li><a href="viewannouncements.php">Announcements</a></li>
    <li><a href="explore.php">Explore</a></li>
    <li><a href="account.php">Password Update</a></li>
</ul>
<li class="w3-right"><a class="w3-orange" href="logout.php">Logout (<?php echo"$current"; ?>)</a></li>
</ul>
<div class="container">
<h2> Online NRC Registration</h2>
<form action="addnrc.php" method="POST" enctype="multipart/form-data" name="addroom">
<label><b>nrcnumber</b></label>
    <input type="text" placeholder="Enter NRC Number" name="nrcno" required>
<label><b>Full Names</b></label>
    <input type="text" placeholder="Enter Full Names" name="fname" required>
<label><strong>Date of Birth </strong></label>
<input type="date" placeholder="Enter Date/Place of Birth" name="mname" required>
<label><b>Father's/Mother's Place of Birth </b></label>
```

```
<input type="text" placeholder="Enter Father/Mother Place of Birth" name="Iname" required>
```

```
<label><b>Gender</b></label>
```

```
<select name="gender" required><option>Male</option><option>Female</option></select>
```

```
<label><b>Village/Chief/District</b></label>
```

```
<input type="text" placeholder="Enter Village/Chief/District" name="address" required>
```

```
<label><b>Registration Date </b></label>
```

```
<input type="date" id="datepicker" name="bday" placeholder="01/01/2018" required>
```

```
<label><b>Special Remarks</b></label>
```

```
<input type="text" placeholder="Remarks" name="phonenummer" required>
```

```
<label><b>Image</b></label>
```

```
<input type="file" name="image" required>
```

```
<br>
```

```
<button type="submit" class="w3-btn w3-red">Register NRC </button>
```

```
<br><br>
```

```
<?php
```

```
?>
```

New user.php

```
<?php
```

```
session_start();
```

```
$current = $_SESSION['username'];
```

```
?>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<title>Registrar | New User</title>
```

```
<meta name="viewport" content="width=device-width, initial-scale=1">
```

```
<link rel="stylesheet" href="style/w3.css">
```

```
<link rel="stylesheet" href="style/bootstrap.min.css">
```

```
<link rel="icon" href="images/icon.png">
```

```
<style>
```

```
input[type=text], input[type=password] {
```

```
width: 100%;
```

```
padding: 12px 20px;
```

```
margin: 8px 0;
```

```
display: inline-block;
```

```
border: 1px solid #ccc;
```

```
box-sizing: border-box;
```



```
}

select {
    width: 100%;
    padding: 12px 20px;
    margin: 8px 0;
    display: inline-block;
    border: 1px solid #ccc;
    box-sizing: border-box;
}

button {
    background-color: #4CAF50;
    color: white;
    padding: 14px 20px;
    margin: 8px 0;
    border: none;
    cursor: pointer;
}

</style>
<body>
<div class="w3-container w3-green">
    <h1>NRC-TSZ</h1>
</div>
    <ul class="w3-navbar w3-light-grey">
        <li><a href="administrator.php">Registered NRC </a></li>
        <li><a href="newuser.php">Register User</a></li>
        <li><a href="announcements.php">Announcements</a></li>
        <li><a href="myaccount.php">Account Update</a></li>
        <li><a href="users.php">Customize Users</a></li>
    </ul>
    <li class="w3-right"><a class="w3-orange" href="logout.php">Logout (<?php echo"$current"; ?></a></li>
    </div class="container">
    <h2>Register New User</h2>

    <?php
    if(isset($_POST['submit'])) {
    $fullname = $_POST['fullname'];
    $gender = $_POST['gender'];
    $address = $_POST['address'];
    $myusername = $_POST['username'];
    $role = $_POST['role'];

    include 'database_configuration.php';

    $sql = "INSERT INTO users (fullname, gender, address, username, role)
    VALUES ('$fullname', '$gender', '$address', '$myusername', '$role)";

    if ($conn->query($sql) === TRUE) {
    print '
    <div class="w3-panel w3-green">
        <h3>Success!</h3>
        <p>New user has been registered...the default password is set to 123456</p>
```

```
</div>
';
} else {
    echo "Error: " . $sql . "<br>" . $conn->error;
}

$conn->close();
}
?>
<form action="newuser.php" method="POST">
<br>
<p>
<label>Full Name</label>
<input name="fullname" type="text" placeholder="Enter Full Name" required></p>

<p>
<label>Gender</label>
<select name="gender" required><option>Male</option><option>Female</option></select></p>

<label>Address</label>
<input name="address" type="text" name="address" placeholder="Enter Address" required></p>

<label>Username</label>
<input name="username" type="text" placeholder="Enter Username" required></p>

<p>
<label>Role</label>
<select name="role" required><option>Admin</option><option>Standard User</option></select></p>
<button type="submit" name="submit" class="w3-btn w3-red">Register User</button>
</form>

<br><br>
<?php

?>
```

FormM.php

```
<?php
session_start();
$current = $_SESSION['username'];
?>

<!DOCTYPE html>
<html>
<title>National Registration Card Tracking System - Zambia| NRC Registration</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="style/w3.css">
<link rel="stylesheet" href="style/bootstrap.min.css">
<link rel="icon" href="images/icon.jpg">
<link rel="stylesheet" href="jquery-ui.css">
<link rel="stylesheet" href="/resources/demos/style.css">
<script src="jquery-1.12.4.js"></script>
<script src="jquery-ui.js"></script>
```

```
<script>
$( function() {
  $( "#datepicker" ).datepicker();
} );
</script>

<style>
input[type=text], input[type=password] , input[type=number]{
  width: 100%;
  padding: 12px 20px;
  margin: 8px 0;
  display: inline-block;
  border: 1px solid #ccc;
  box-sizing: border-box;
}

select {
  width: 100%;
  padding: 12px 20px;
  margin: 8px 0;
  display: inline-block;
  border: 1px solid #ccc;
  box-sizing: border-box;
}
</style>
<body>
<div class="w3-container w3-green">
  <h1>NRC-TSZ</h1>
</div>
  <ul class="w3-navbar w3-light-grey">
    <li><a href="FormM.php">AFFIDAVIT/AFFIRMATION(FORM M) </a></li>
    <li><a href="FormA.php">APPLICATION FOR NATIONAL REGISTRATION(FORM A) </a></li>
    <li><a href="standard_user.php">Register NRC </a></li>
    <li><a href="viewannouncements.php">Announcements</a></li>
    <li><a href="explore.php">Explore</a></li>
    <li><a href="account.php">Password Update</a></li>
  </ul>
  <li class="w3-right"><a class="w3-orange" href="logout.php">Logout (<?php echo "$current"; ?>)</a></li>
</div class="header">

  <div align="center"><b>REPUBLIC</b> <b>OF ZAMBIA</b>
  </div>
  <h3 align="center">MINISTRY OF HOME AFFAIRS DEPARTMENT OF NATIONAL REGISTRA-
TION,</h3>
  <h3 align="center"> PASSPORT AND CITIZENSHIP</h3>
</div>
<div class="wrapper">

  <form action="addFormM.php" method="post">
    <h3 align="center"><b>PART I</b></h3>
    <h3 align="center"><b>AFFIDAVIT /AFFIRMATION</b></h3>
    <p align="center">(To be completed by applicant's parent or other relatives
```

where applicant does not possess a (Birth Certificate) </p>

</p>

<div>

<div>

<p> I, (Desponent's full name):

<label>

<input type="text" placeholder="Enter Desponent's Name" name="desponentname"

required>

</label>

<div>of (address) :

<label>

<textarea id="address2" name="address" rows="2" cols="30"></textarea>

</label>

</div>

<div>

<p>Aged:

<label>

<input type="text" name="age">

</label>

and hold of National Registration Card No:

<label>

<input type="text" name="desponentnrcnumber">

</label>

</p>

<p>hereby make Oath/Affirmation and say that I personally know (applicant's full name) Mr/Mrs/Miss/Dr/Prof:

<label>

<input type="text" name="applicantname">

</label>

.....

..... <p>He/She is my (Relationship)

<label>

<input type="text" name="relationship">

</label>

<label for="label"></label>

</p>

<p>He/She was born on

<label>

<input type="date" id="datepicker" name="applicantDateofbirth">

</label>

at Village/Township

<label>

<input type="text" name="applicantvillageorTownship">

</label>

</p>

<p>Chief/Town:

<label>

<input type="text" name="applicantChieforTown">

</label>

District:

```
<label>
<input type="text" name="applicantDistrict">
</label>
.</span></p>
<p><span>Country:
  <label>
    <input type="text" name="applicantcountry">
    </label>
  . </span></p>
<p>
</div>

<div></div>
<div>
  <div align="center">
    <p><strong>SCHOOLS ATTENDED: </strong></p>
    <table width="994" border="1">
      <tr>
        <th width="136" scope="col">&nbsp;</th>
        <th width="516" scope="col"><div align="center">SCHOOL
</div></th>
        <th width="155" scope="col"><div
align="center">From</div></th>
        <th width="137" scope="col"><div align="center">To</div></th>
      </tr>
      <tr>
        <th scope="row">Primary:</th>
        <td><label>
          <input type="text" name="primaryschool">
        </label></td>
        <td><label>
          <input type="date" id="datepicker" name="pFrom">
        </label></td>
        <td><label>
          <input type="date" id="datepicker" name="pTo">
        </label></td>
      </tr>
      <tr>
        <th scope="row">Secondary:</th>
        <td><label>
          <input type="text" name="secondaryschool">
        </label></td>
        <td><label>
          <input type="date" id="datepicker" name="sFrom">
        </label></td>
        <td><label>
          <input type="date" id="datepicker" name="sTo">
        </label></td>
      </tr>
      <tr>
        <th scope="row">Post Secondary: </th>
        <td><label>
          <input type="text" name="postsecondary">
        </label></td>
```

```
<td><label>
  <input type="date" id="datepicker" name="psFrom">
</label></td>
<td><label>
  <input type="date" id="datepicker" name="psTo">
</label></td>
</tr>
</table>
<p>&nbsp;</p>
</div>
</div>
<div></div>
<div>
<p>I further declare that to the best of my knowledge and belief, his/her fa-
ther being named:
  <label>
  <input type="text" name="applicantfathername">
  </label>
</p>
<p>&nbsp;</p>
<p>holder of NRC NO<strong> :</strong><span id="agrade">
  <label>
  <input type="text" name="applicantfathernrcno">
  </label>
Date Of Issue
<label>
<input type="date" id="datepicker" name="applicantfathernrcissuedate">
</label>
.</span></p>
<p><span>Place of Issue
  <label>
  <input type="text" name="applicantfatherplaceofissue">
  </label>
*Born in/at Village/Town
<label>
<input type="text" name="applicantfatherVillageorTown">
</label>
.</span></p>
<p><span>Tribe
  <label>
  <input type="text" name="applicantfathertribe">
  </label>
Chief
<label>
<input type="text" name="applicantfatherchief">
</label>
.</span></p>
<p><span>District
  <label>
  <input type="text" name="applicantfatherdistrict">
  </label>
.Country
<label>
<input type="text" name="applicantfathercountry">

```

```
</label>
.</span></p>
<p><span>His/her mother being named:<em>(full name)
  <label>
    <input type="text" name="applicantmothername">
  </label>
.</em></span></p>
<p><span>holder of NRC No
  <label>
    <input type="text" name="applicantmothernrcno">
  </label>
<em>.</em>Date of Issue<em>
<label>
<input type="date" id="datepicker" name="applicantmothernrcissuedate">
</label>
</em></span></p>
<p>Place of Issue
  <label>
    <input type="text" name="applicantmothernrcplaceofissue">
  </label>
<em>.</em>*Born in/at Village/Town
<label>
<input type="text" name="applicantmotherplaceofbirth">
</label>
<em>.</em>Tribe<em>
<label>
<input type="text" name="applicantmothertribe">
</label>
.</em>Chief
<label>
<input type="text" name="applicantmotherchief">
</label>
District<em>
<label>
<input type="text" name="applicantmotherdistrict">
</label>
.</em>Country<em>
<label>
<input type="text" name="applicantmothercountry">
</label>
..</em><strong><em>Delete    whichever    is    not    applica-
ble</em></strong></p>
<p align="center"><strong>Signed: </strong><label>Image
  </label>
<input type="file" name="signatureimage" required></p>
</div>
<div>
  <input name="submit" type="submit" value="submit">
  <input type="reset" value="reset">
</div>
</form>
```

</div>

FormA.php

```
<?php
session_start();
$current = $_SESSION['username'];
?>

<!DOCTYPE html>
<html>
<title>National Registration Card Tracking System - Zambia| NRC Registration</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="style/w3.css">
<link rel="stylesheet" href="style/bootstrap.min.css">
<link rel="icon" href="images/icon.jpg">
<link rel="stylesheet" href="jquery-ui.css">
  <link rel="stylesheet" href="/resources/demos/style.css">
  <script src="jquery-1.12.4.js"></script>
  <script src="jquery-ui.js"></script>
  <script>
    $( function() {
      $( "#datepicker" ).datepicker();
    } );
  </script>

<style>
input[type=text], input[type=password] , input[type=number]{
  width: 100%;
  padding: 12px 20px;
  margin: 8px 0;
  display: inline-block;
  border: 1px solid #ccc;
  box-sizing: border-box;
}

select {
  width: 100%;
  padding: 12px 20px;
  margin: 8px 0;
  display: inline-block;
  border: 1px solid #ccc;
  box-sizing: border-box;
}
</style>
<body>
<div class="w3-container w3-green">
  <h1>NRC-TSZ</h1>
</div>
  <ul class="w3-navbar w3-light-grey">
    <li><a href="FormM.php">AFFIDAVIT/AFFIRMATION(FORM M) </a></li>
    <li><a href="FormA.php">APPLICATION FOR NATIONAL REGISTRATION(FORM A) </a></li>
    <li><a href="standard_user.php">Register NRC </a></li>
    <li><a href="viewannouncements.php">Announcements</a></li>
```



```
<li><a href="explore.php">Explore</a></li>
<li><a href="account.php">Password Update</a></li>

<li class="w3-right"><a class="w3-orange" href="logout.php">Logout (<?php echo"$current"; ?>)</a></li>
</ul>
<div class="header">

    <div align="center"><b>REPUBLIC</b> <b>OF ZAMBIA</b>
    </div>
    <h3 align="center">MINISTRY OF HOME AFFAIRS DEPARTMENT OF NATIONAL REGISTRA-
TION,</h3>
    <h3 align="center"> PASSPORT AND CITIZENSHIP</h3>
</div>
<div class="wrapper">

    <form action="addnrc.php" method="post">
        <h3 align="center"><B>FORM A( I)</h3>
        <h3 align="center"><b>APPLICATION FOR NATIONAL REGISTRATION
</h3>

        <p align="center">
            <div>
                <div>
</p>

                <p>

                    <div align="center">
                        <table width="323" height="160" border="1">
                            <tr>
                                <th width="199" scope="col"><div align="center"> Registration No:
</div></th>
                                <tr>
                                <tr>
                                    <td><div align="center">
                                        <label>
                                        <input type="text" placeholder="Enter applicant
nrcnumber" name="nrcnumber">
                                        </label>
                                    </div></td>
                                </tr>
                                <tr>
                                    <td><div align="center">
                                        <label>
                                        <input type="text" placeholder="Enter applicant cardnumber"
name="cardnumber">
                                        </label>
                                    </div></td>
                                </tr>
                            </table>

                        </div>
                    <div>
                        <p>1. Name in full : </p>
                    </div>
                </p>
            </div>
        </p>
    </form>
</div>
</div>
```

```
<div>
  Surname
  <label> <br>
  <input type="text" placeholder="Enter applicant Surname"
name="applicantsurname" required>
  <br>
  </label>
</div>

<div>
  <div>Given Names:
    <label> <br>
    <input type="text" placeholder="Enter applicant Given names"
name="applicantgivenname" required>
    <br>
    </label>
  </div>
  <div>2. Sex(tick box) :<label></label>
  <label>
  <input name="male" type="radio" value="male">
  Male</label>
  <label>
  <input name="female" type="radio" value="female">
  Female</label>
  <strong>
  3.Date Of Birth:
  <input type="date" id="datepicker" name="bday" placeholder="01/01/2018"
required>

  <div align="left">4. Country of birth(tick box):
  <table width="325" border="1">
    <tr>
      <th width="88" scope="col">Zambia</th>
      <th width="109" scope="col">Commonwealth reland </th>
      <th width="106" scope="col">other</th>
    </tr>
    <tr>
      <td><label>
        <input name="Zambia" type="radio" value="zambia">
      </label></td>
      <td><label>
        <input name="Commonwealthreland" type="radio" value="commonwealthreland">
      </label></td>
      <td><label>
        <input name="other" type="radio" value="other">
      </label></td>
    </tr>
  </table>

  <div align="center"></div>
  <p align="left">5 Education(tick highest standard reached):
  <label> </label>
</p>
  <div align="left">
  <table width="389" border="1">
    <tr>
```

```
<th width="96" scope="col">Never been to School </th>
<th width="63" scope="col">Primary</th>
<th width="83" scope="col">Secondary</th>
<th width="119" scope="col">Post Secondary </th>
</tr>
<tr>
<td><label>
  <input name="neverbeentoschool" type="radio" value="neverbeentoschool">
</label></td>
<td><label>
  <input name="primary" type="radio" value="primary">
</label></td>
<td><label>
  <input name="secondary" type="radio" value="secondary">
</label></td>
<td><label>
  <input name="postsecondary" type="radio" value="postsecondary">
</label></td>
</tr>
</table>
</div>
<p align="left">6. Race(tick box):
  <label> </label>
</p>
<p align="center">&nbsp;</p>
<div align="left">
  <table width="389" border="1">
    <tr>
      <th width="96" scope="col">African</th>
      <th width="63" scope="col">Asian</th>
      <th width="83" scope="col">European</th>
      <th width="119" scope="col">Other</th>
    </tr>
    <tr>
      <td><label>
        <input name="african" type="radio" value="african">
      </label></td>
      <td><label>
        <input name="asian" type="radio" value="asian">
      </label></td>
      <td><label>
        <input name="european" type="radio" value="european">
      </label></td>
      <td><label>
        <input name="other" type="radio" value="other">
      </label></td>
    </tr>
  </table>
</div>
<div align="center"></div>
</div>
<div align="right"></div>
  <div>
```

```
<p align="left">
  <label></label>
</p>
<p align="left">
  <div align="left">
    <table width="364" border="1">
      <tr>
        <th scope="col">if Zambian born enter village,chief and district or
town if both outside zambia enter town and country </th>
      </tr>
      <tr>
        <td><label>
          <input type="text" name="placeofbirth">
        </label></td>
      </tr>
      <tr>
        <td>Father's place of birth village,chief and district </td>
      </tr>
      <tr>
        <td><label>
          <input type="text" name="fatherplaceofbirthvillage,chiefanddistrict">
        </label></td>
      </tr>
      <tr>
        <td>Registrar's Signature:<p align="center"><strong>Signed:
</strong><label>Image
</label>
      <input type="file" name="image" required>
</p></td>
      </tr>
      <tr>
        <td>Regiatrar's Full Names:
          <label>
            <input type="text" name="registraname">
          </label></td>
      </tr>
      <tr>
        <td>Registration Stamp:<p align="center"><strong>Stamp:
</strong><label>Image
</label>
      <input type="file" name="image" required>
</p></td>
      </tr>
    </table>
  </div>
<div><p>
  8.National Status:<label><input type="text" name="nationalstatus">
  </label>
</p>
</div>
```

<div><p>

9. Residential Address:<label><input type="text" name="residentialaddress">
</label>

</p>

</div>

<div><p>

10. Postal Address:<label><input type="text" name="postaladdress">
</label>

</p>

</div>

<div><p>

11. Special mark:<label><input type="text" name="specialmark">
</label>

</p>

</div>

</div>

<div><p>12. DECLARATION: The above information has been read to me in a language which i understand and i do solemnly and sincerely affirm that to the best of my knowledge and belief the said information is true and correct.</p><p align="center">Signature of registered person:
<label>Image

</label>

<input type="file" name="image" required></p>

<p align="center">Thumb Print of registered person: <label>Image

</label>

<input type="file" name="image" required></p>

<p align="center">photo of registered person: <label>Image

</label>

<input type="file" name="image" required></p>

</div>

<div>

<input type="submit" value="submit"> <input type="reset" value="reset">

</div>

</form>

</div>

<script type="text/javascript">

var sprytextfield1 = new Spry.Widget.ValidationTextField("lname", "none", { minChars:3, maxChars:20, validateOn:["blur"]});

var sprytextfield2 = new Spry.Widget.ValidationTextField("fname", "none", { minChars:3, maxChars:20, val-

```

    idateOn:["blur"]);
    var sprytextfield3 = new Spry.Widget.ValidationTextField("sage", "integer", {minValue:12, maxValue:30,
    validateOn:["blur"]});
    var sprytextarea1 = new Spry.Widget.ValidationTextarea("homeaddress", {minChars:5, maxChars:400, vali-
    dateOn:["blur"]});
    var sprytextfield4 = new Spry.Widget.ValidationTextField("agrade", "integer", {minValue:8, maxValue:12,
    validateOn:["blur"]});
    var sprytextfield5 = new Spry.Widget.ValidationTextField("school", "none", {minChars:5, vali-
    dateOn:["blur"], maxChars:100});
    var sprytextfield6 = new Spry.Widget.ValidationTextField("gteacher", "none", {minChars:5, maxChars:20,
    validateOn:["blur"]});
    var sprytextfield7 = new Spry.Widget.ValidationTextField("plast", "none", {minChars:3, maxChars:20, vali-
    dateOn:["blur"]});
    var sprytextfield8 = new Spry.Widget.ValidationTextField("pfirst", "none", {minChars:3, maxChars:20, vali-
    dateOn:["blur"]});
    var sprytextarea2 = new Spry.Widget.ValidationTextarea("paddress", {minChars:5, maxChars:200, vali-
    dateOn:["blur"]});
    var sprytextfield9 = new Spry.Widget.ValidationTextField("pcity", "none", {minChars:4, maxChars:20, vali-
    dateOn:["blur"]});
    var sprytextfield10 = new Spry.Widget.ValidationTextField("pstate", "none", {minChars:4, maxChars:20,
    validateOn:["blur"]});
    var sprytextfield11 = new Spry.Widget.ValidationTextField("pcountry", "none", {minChars:4, maxChars:30,
    validateOn:["blur"]});
    var sprytextfield12 = new Spry.Widget.ValidationTextField("cphone", "integer", {validateOn:["blur"], min-
    Chars:6, maxChars:15});
    var sprytextfield13 = new Spry.Widget.ValidationTextField("sprytextfield13", "email", {minChars:1, vali-
    dateOn:["blur"]});
</script>
</body>
</html>

```

Explore.php

```

<?php
session_start();
$current = $_SESSION['username'];
?>

<!DOCTYPE html>
<html>
<title>National Registration Card Tracking System - Zambia| Registered NRC</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="style/w3.css">
<link rel="stylesheet" href="style/bootstrap.min.css">
<link rel="icon" href="images/icon.jpg">
<link rel="stylesheet" href="jquery-ui.css">
    <link rel="stylesheet" href="/resources/demos/style.css">
    <script src="jquery-1.12.4.js"></script>
    <script src="jquery-ui.js"></script>
    <script>
    $( function() {
        $( "#datepicker" ).datepicker();
    } );
</script>

```

```
<style>
input[type=text], input[type=password] , input[type=number]{
    width: 100%;
    padding: 12px 20px;
    margin: 8px 0;
    display: inline-block;
    border: 1px solid #ccc;
    box-sizing: border-box;
}

select {
    width: 100%;
    padding: 12px 20px;
    margin: 8px 0;
    display: inline-block;
    border: 1px solid #ccc;
    box-sizing: border-box;
}
.style2 {font-size: small}
</style>
<body>
<div class="w3-container w3-green">
    <h1>NRC-TSZ</h1>
</div>
    <ul class="w3-navbar w3-light-grey">
        <li><a href="standard_user.php">Register NRC </a></li>
        <li><a href="viewannouncements.php">Announcements</a></li>
        <li><a href="explore.php">Explore</a></li>
        <li><a href="account.php">Password Update</a></li>

<li class="w3-right"><a class="w3-orange" href="logout.php">Logout (<?php echo"$current"; ?></a></li>
    </ul>
    <div class="container">
<h2>Registered NRC's </h2>
<span class="style2">
<span class="w3-small w3-small">
<table class="w3-table-all">
<tr>
    <th class="w3-small w3-small">NRC NUMBER</th>
    <th class="w3-small w3-small">NAMES</th>
    <th class="w3-small w3-small">DATE/PLACE OF BIRTH</th>
    <th class="w3-small w3-small">FATHER/MOTHER PLACE OF BIRTH</th>
    <th class="w3-small w3-small">VILLAGE/CHIEF/DISTRICT</th>
    <th class="w3-small w3-small">GENDER</th>
    <th class="w3-small w3-small">REGISTRATION DATE</th>
    <th class="w3-small w3-small">SPECIAL REMARKS</th>
    <th class="w3-small w3-small">VIEW</th>

    </tr>
<span class="w3-small w3-small">
<?php
    echo "
        <div style=\"width:100%; overflow:auto; display:block; clear:both;\">
            <form action=\"search.php\" method=\"get\">
```

```
                <input name="search" type="text" placeholder="search nrc .." style="float:right;
padding:2px; border:1px solid #bbb;">
            </form>
        </div>
    <br/>
";
?>
<?php
    include 'database_configuration.php';

    $sql = "SELECT * from registration ORDER BY date";
    $result = $conn->query($sql);

    if ($result->num_rows > 0) {

        while($row = $result->fetch_assoc()) {
            echo "<tr><td>" . $row["nrcnumber"]. "</td><td>" . $row["firstname"]. "</td><td>" .
            $row["middlename"]. "</td><td>" . $row["lastname"]. "</td><td>" . $row["address"]. "</td><td>" .
            $row["gender"]. "</td><td>" . $row["date"]. "</td><td>" . $row["phonenummer"];
            echo "</td><td><a style='font-size:12px;' class='w3-btn w3-teal'
href='nrc_view.php?id=".$row['nrcnumber']."'>View</a>";

        }
    } else {
        print '
</table><div class="w3-panel w3-leftbar w3-light-grey">
    <p class="w3-xlarge w3-serif">
        <i><b>0</b> Record(s) found on DataBase</i></p>
</div>';
    }
    $conn->close();
?>
</span>
```