NAMES:UWASE BELYNISE

REG NO: 221018492

CLASS NO:64

TOPIC: VACCINATION MANAGEMENT SYSTEM

1. PLANNING/INTRODUCTION

Our java project is vaccination management system that will helps RBC employees in registration of people who already vaccinated and allows nurses to view information of people who received vaccine.

Problems

* Updating problems it means that it is not easy to change data on papers.
* Data are easily lost because there is no best way to keep data well.
* Lack of storage space because papers takes big space to keep data.
* High cost due to the use of printers while printing document using of papers.

Solution

* Protection of data; here it means that you will keep data safe and secure and it will be easy to search and select for data you need.
* Increase profitability; here it means that it will increase performance and productivity through reducing cost and resources.
* Portability; here it means that the system will be portable so that you can do every thing for every where you are.
* Saving of time; this system helps you to save time which was taken to register and check.
* Cost reduction; this system will reduce the cost spent registering people who takes vaccine because they use papers and many employees

OBJECTIVES

* Storing user personal data
* Storing data about vaccination status about the user
* Easy registration of people vaccination
* Easy accessing vaccination status to the user
* Exporting report of people who receive vaccine

1. DESIGN

In this system we will need some requirements includes the following:

1. functional requirement:

* RBC employee can login into the system
* RBC employee can add people who receive vaccine
* RBC employee can view people who receive vaccine
* RBC employee can delete people who receive vaccine
* RBC employee can update information about people who receive vaccine
* RBC employee can export report about people who receive vaccine

1. Technical requirement:

* Accessibility; system must be easy to access for user
* Maintainable; system must be maintainable in case system may have errors it can be easily to maintainable
* Accuracy; system must contain correct and well checked data
* Reliability; system must be reliable to every one
* Support ability; system must be effective and efficiency
* Adaptability; system must be easy to use so that everyone can us it easily
* Responsive; system has to be responsive so that it can be used in all devices

1. DEVELOPMENT

While developing we have used both back-end and font-end and database system and few libraries

Requirement: PC,network and Jdk

Font-end: java with net beans v8

Back-end: java with net beans v8

DBMS:Xampp

Libraries: java-MySQL-connector

1. TESTING

In order to know how our system work or maintained we used some approach of testing like:

-unit test

-integration

-Function testing

-end-to-end test

-acceptance test

We have found errors and we have fixed it and on each step we find mistakes and some features to add and we have collect them.

1. DEPLOYMENT

Deployment of our system will continue after it is accepted all requirement are prepared it is ready to be deployed. Our system will be responsiveness in all devices like personal computer , desktops.

After it is accepted we will proceed with processes of deployment and it will be used all over the country.