

**Reg No: 221007949**

## **1.Introduction**

### **1.1 project summary**

-my project (the name is HealthCircle) it is a website which will be used to provide information on healthcare and users may access that information by the accounts they created.

### **1.2 problem statement**

-In Africa especially here in Rwanda there is low level of using technology in Healthcare information distribution...so my project is the answer for this problem

### **1.3 objectives**

- to let people with knowledge on healthcare to share them to others
- to help people to get information on healthcare and know how to achieve good health
- to make it is for mobilizing people for medication and other healthcare programs

### **1.4 project Rational**

- It is quick,free and simple to access data on this website
- Easier mobilization than using face two face programs
- it is very useful to all categories of people

## **2.methodologies and Methods**

### **2.1 Data collection methodology**

- i have done research on internet
- Also i have done some research by observation and;
- interviewing some of my friends

### **2.2 Tools to be used**

#### **2.2.1 Hardware tools**

- Computer (laptop or Desktop)
- Mobile Phones

#### **2.2.2 software tools**

Any one can access this website through:

- web browsers (ex: chrome,mozilla,ms edge,...)

## **3. System Analysis and Design**

### **3.1 Requirement Specifications**

#### **3.1.1 Functional requirements**

My project needs the following functional requirements:

- MySQL (access to Database)
- Use of some programming languages like HTML,CSS,PHP,JS...
- Access to server (to host this website to world wide(internet))

#### **3.1.2 Data Requirements**

- User information(names,email)
- Information from RBC (about health in Rwanda)
- Data from internet

#### **3.1.3 User Requirements**

common user:-user have to create an account on our site

- user have to provide some of his personal information(like names,email,etc)
- user has to get access to internet because this website will be online

editor:-this user have to register as editor

- editors should have knowledge on healthcare educations

#### **3.1.5 Non-functional Requirements**

- using Database to store data
- Admin (the one to coordinate website activities)

#### **3.1.5 Non-functional Requirements**

- the website can be accessed in all kinds of browsers
- it can be used by many users at the sametime
- by increase of users the website will be updated ton avoid failure
- it's performance is normal

### **3.2 System Design**

#### **3.2.1System overall architecture**

Healthcircle web application architecture :**Healthcircle** has client server architecture. It is based on cloud computing. Architecture is divided into two parts namely the **database** and the user interface. The

project resides on server. In our system, there's a significant workload shift. Local computers no longer have to do all the heavy lifting when it comes to running applications. The network of computers that make up the cloud handles them instead. Hardware and software demands on the user's side decrease. The only thing the user's computer needs to be able to run is the healthcircle's interface.

### 3.2.2 System information flow

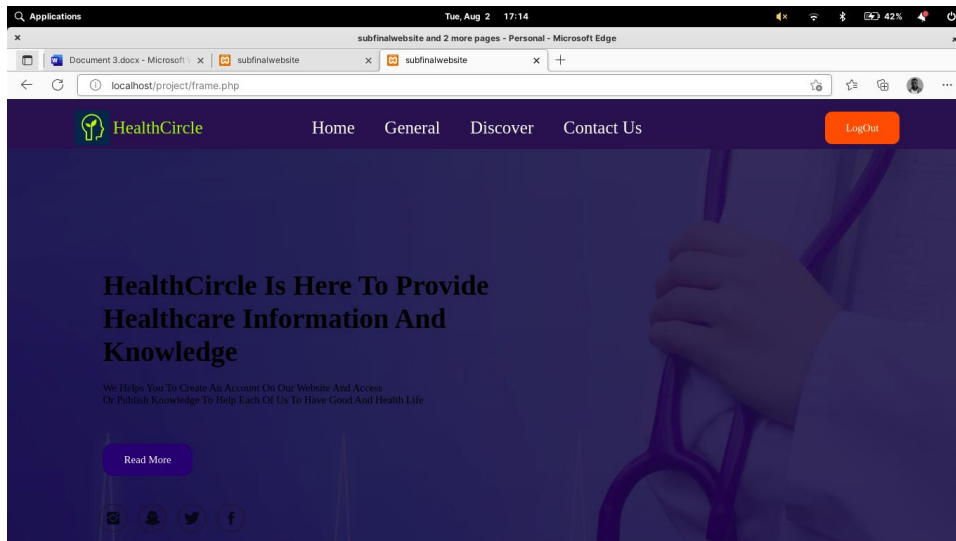
**Registration information -> database -> login page-> verify it is you by accessing the database->permission to access the website.**

## 4. system implementation

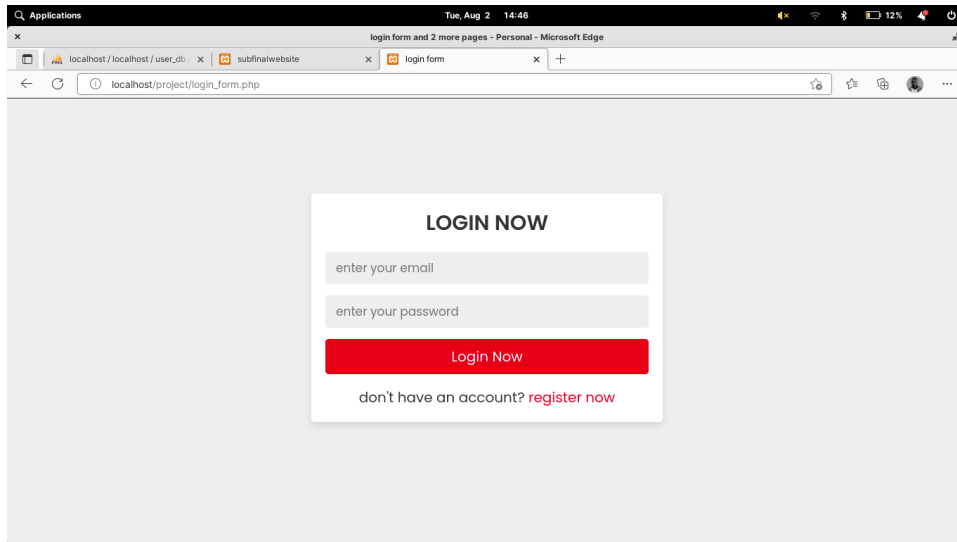
It will be used on every place by computers or smart phones...it will be used by all categories of people.

### 4.1 landing page

The next is the landing picture (opened home ) of my project.

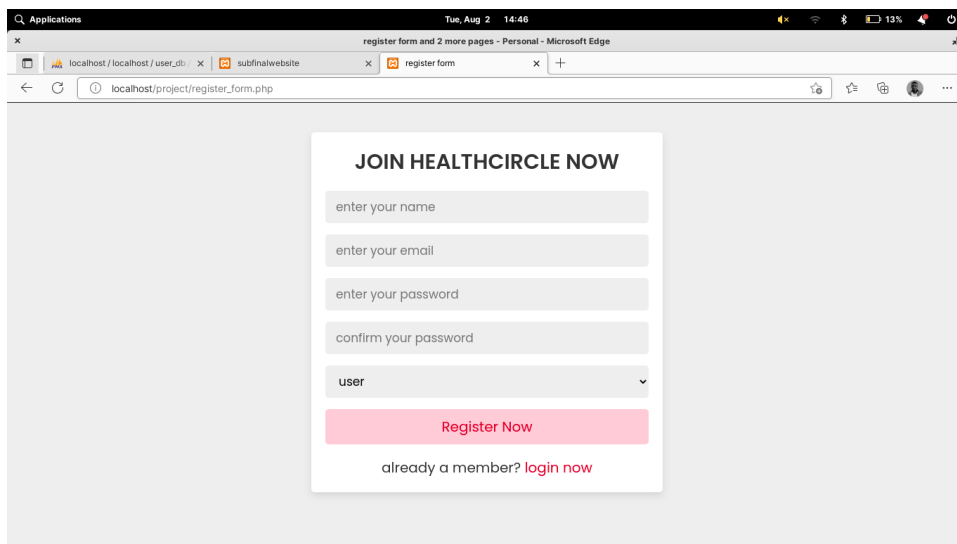


### 4.2 login page:

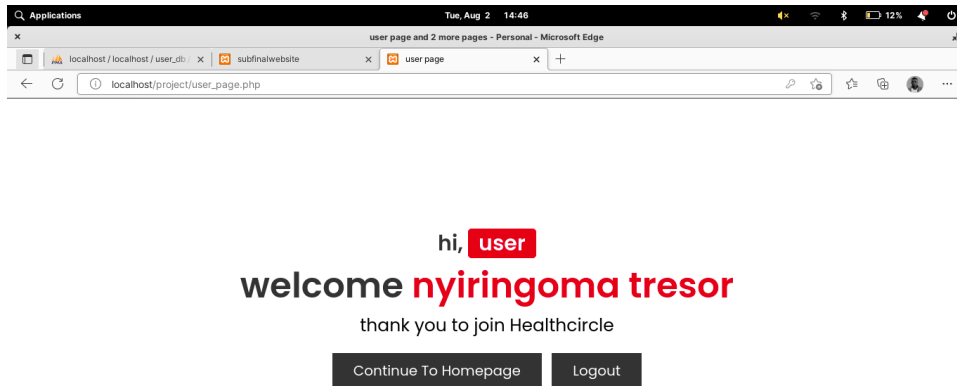


### 4.3 other pages

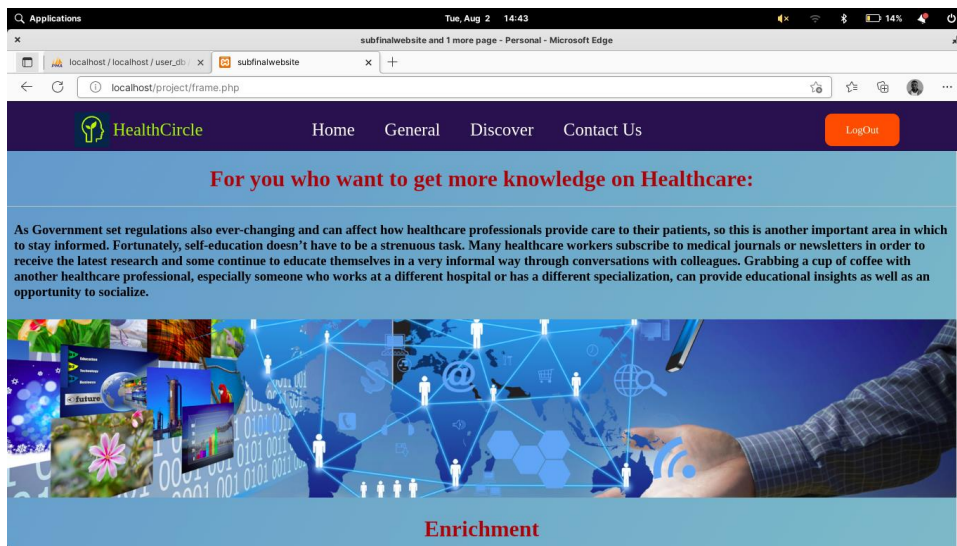
#### \*register\_form\_page



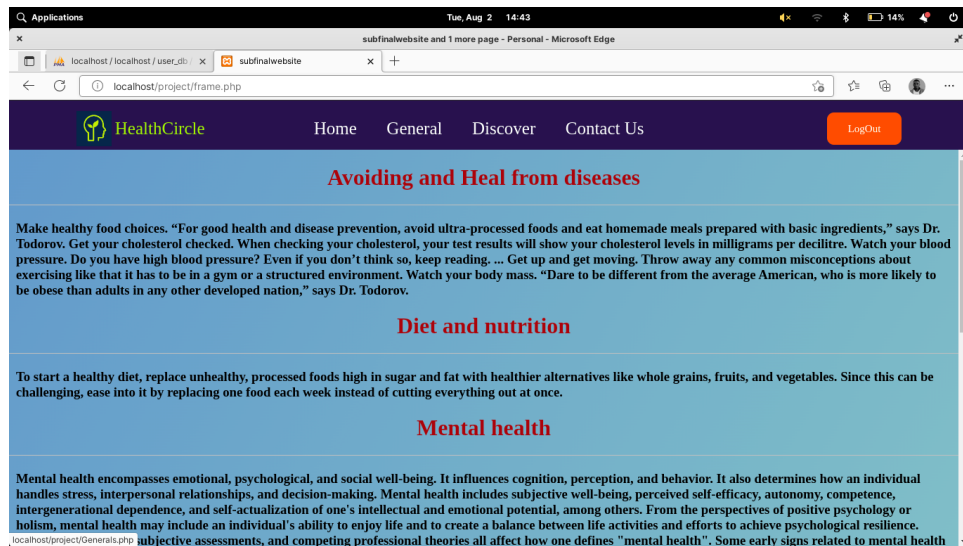
#### \*user\_page



## \*discover\_page



## \*general\_page



## 5.conclusion

My project is about distribution of healthcare advices and knowledge...including online mobilizations it is helpful to make people in different categories and I know it will help all of us in general.

## 6.Recommendation

I recommend you to take care of your health.

## 7.Appendix

My name is HABIMANA Nyiringoma Tresor (reg no 221007949)

Github link: