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Computer Engineering 18/ENG02/016

Application Name: Covid 19 detector app

Structural Computer programming assignment.

- (i) Planning
- (ii) Requirement Analysis
- (iii) Design
- (iv) Implementation
- (v) Testing
- (vi) Deployment
- (vii) Maintenance

(i) Planning the requirement -

(i) Defining the Application

(ii) user Registration

(iii) Login

(iv) Logout

(v) Dashboard landing page to scan your fingerprint and bring out the result.

(2) user Registration for the Covid 19 detector app

(i) username input field

(2) password field

(3) Checkbox (Accept Terms and Condition)

(4) submit Button

(5) save user in database of the Covid 19 patient

(3) Login

(i) username input field

(2) password field (user of finger print to be able to access the page)

(3) submit button

(4) Read user from Database

(4) Logout

(1) Logout Button

(2) Clear session

③ prevent account theft
Dashboard

① main home page

② new users should redirect here

③ existing user redirected here after login.

Design

① layout

Responsiveness

Design

① Business Rule

Clear session on logout

② Colour scheme

Blue/Grey

③ layout

mobile support

④ programming language

Ruby

Java

Implementation

① operation team setup the physical hardware

② Developer will start writing the code

③ Designer will continue designing the interface

④ Tester will analyze the requirement

Testing

- (i) Checking if the business browser support the application
- (ii) Checking error in the login page
- (iii) Making sure all the functionality is working
- (iv) find as many bugs we can find
- (v) The user can't even register

Deployment

- (i) staging (Getting it for production)
- (ii) production
- (iii) URL Link : |

Maintenance

- (i) Making larger database
- (ii) Production support (email, or bugs to be fixed)

Question 2

Hardware features : it can be very accessible using any device but except the computer, but a computer that as a finger print sorry an in built finger print can access it, for ~~for~~ android an user app will be provided for those that don't have finger touch ID on their phone but for those that have finger print touch ID on their phone the process is easier because you don't need to be downloading any finger print touch ID that my company will provide for android ~~user that~~ / iPhone user that ~~cannot~~ don't have touch ID.

Software features:

Application software : You don't need the computer or any device to be able to operate the application, but it's a system software that is published separately and may be coded as proprietary open source and ~~26~~ 2 to 3.6b Ram can be able to operate the application, Download size

700mb to 800mb, the Covid-19 detector app as the ability to detect if a person have the virus or don't and once you are detected with the virus it will be immediately sent to all hospitals in your particular location and the board of directors of the so that they will be aware of it.

Question 3

Flow Chart

