Varendra University

Dept. of Computer Science & Engineering

Project Proposal

Course title: Software Development Lab III

Course code: CSE 336

Project Title: Doctor's Document

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Semester: 10th (Retake)

Dept. of CSE

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Dept. of CSE

Varendra University

Project Title:

Doctor's Document

Motivation:

Basically, we have created this web application to make a patient's life easier and also the doctors can benefit from it. This web application is built to manage all the medical documents without any hassle. These data may also become an asset in various surveys on medical sector of our country.

Project Schedule:

There is a six-month timeframe to implement our project in Varendra university from both the side, the lecturers & students and the project commencement in time for spring 2024

Objective of the Project:

Doctor's Document is a web application which stores all the information about a patient. The patient can access the information about his medical procedures, reports and prescribed medicines. All patients have to register and login to the web application to find his information specifically. As for the doctor's concern, they will have their own personal dashboard where they can see the information about the appointed patients on them.

Significance of the Project:

This project is created to protect all the documents instituted between a doctor and his patients. Once the documents are saved in the database both the doctors and patients can use the documents for the rest of their lives. All the information is safe with this web application.
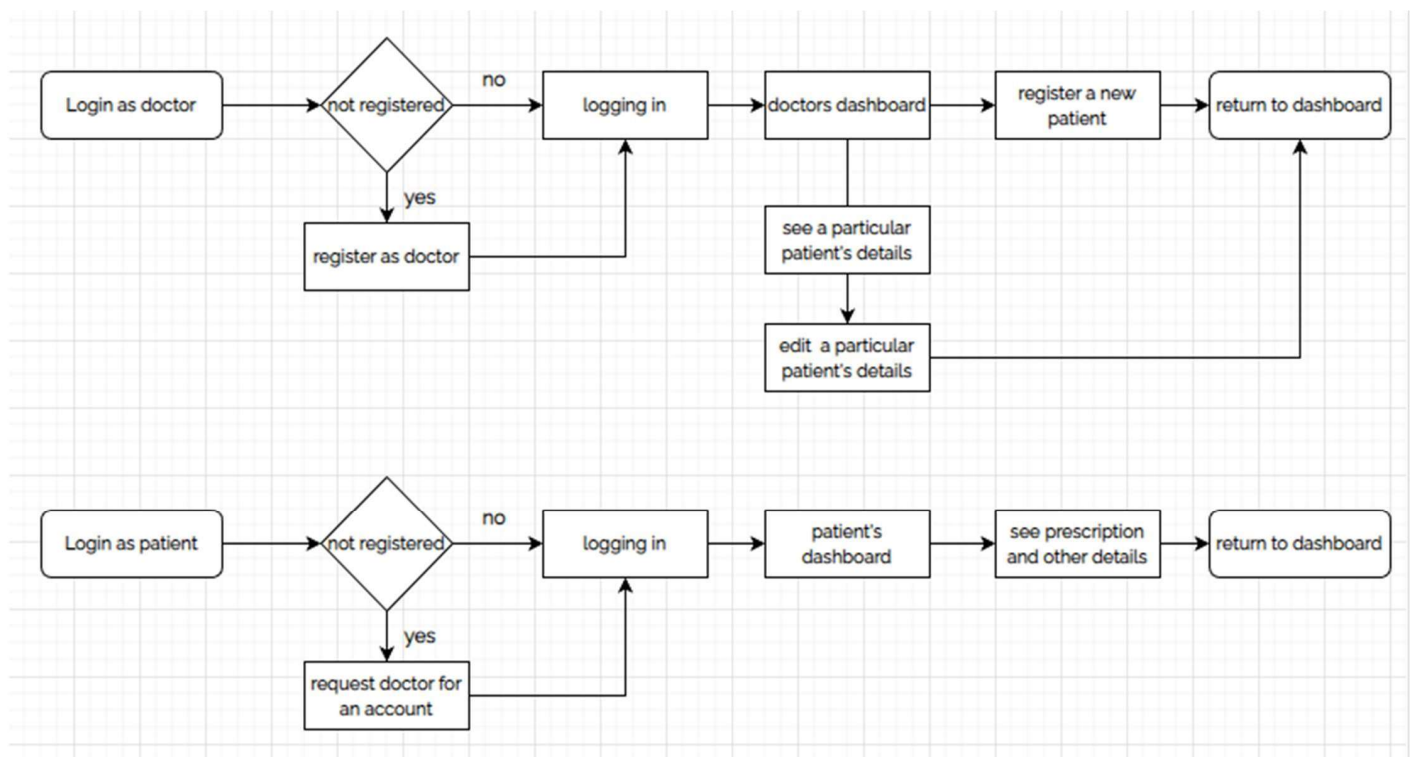
SDLC Model:

To complete this project, we need to use a software development life cycle (SDLC) model. I am using the Agile model to complete my project.

Reasons to use Agile model:

- Use iteration known as sprint – confirmed requirements, develop and test system, released and start on the next project.

- Suitable for small project.

- Clients are highly involved in the development of the project.

Flow Chart:

Materials and Methods:

- HTML, CSS, Bootstrap & JavaScript (for frontend development)

- PHP (for backend development)

- MySQL database (to store data)

- Git (for version control)

Hardware and Software Requirements:

- Modern Browser

- A local server (i.e., Apache)

- XAMPP (to run a local server)

- PhpMyAdmin software

- Visual Studio Code (to write code)

Conclusion:

We are enthusiastic about the potential impact of this project and are committed to its successful execution. We believe that with the support and resources provided, we can achieve the desired outcomes and contribute to the organization's growth and success.