

Name of Team Members

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Early prediction of lifestyle diseases

Problem Statement

A lifestyle disease is associated with the manner of a person lives. In particular, an unhealthy and irregular life pattern may increase the risk of diseases or lifestyle diseases. Today's situation is that the people are not aware of the current diseases and their solutions. And most people also avoid proper treatment of doctors due to financial conditions. In this web application, people and doctors are connected through the application. Users (people) can get information about the current and lifestyle diseases and their safety tips also. And for any doubt about the health, diseases, precautions people can easily communicate with the best doctors. This web application is free of cost. So, anyone can use it and they can get the benefits without spending lots of money.

Abstract

Today's situation is that the people are not aware of the current diseases and their solutions, the middle-class people have not budgeted to show the normal disease to the doctor. They fear diseases and later this disease becomes big. There are many free camps but no one conveys to these simple living people a large number of people avoid these camps because they have not correct information about it. They are not sure to trust them. Some people go camping. They fear to say what will happen, for example, they shame these problems like if they have loose

motion or any other problem. So, we can create a web application to show the current diseases and its safety tips and the precaution and also people post the questions and also doctors reply to it.

Problem Definition

In this platform, the people and doctors are joined to this platform and they are registered login logout and also they have early knowledge of what is happening in their area and the true information is given to this platform. About the disease which is a large amount of spreading in this area first of all the people see and their area which diseases is spread, also in bottom, and also give what the precaution do for the disease not come, also if you have any other disease then also have a chatbox to say your problem there was the best MD graduated doctor, and they convey you to what to do for these diseases .and also doctors joined this platform as a sub-admin. They solve the people's posted questions, and also add current disease information and safety tips and what precautions we do for these diseases and also know about these doctors who give this information. Admin doctor verifies this doctor's added information and verifies the doctor's status and manages the site settings.

Objectives

- Easy identification of any disease.
- Treatment from home is easy for us.
- Online treatment gives us a cost saving and time saving solution.
- Treatment is from a multispeciality hospital.
- Treatment is simple and secure.

Technology Stack

Front End

- HTML
- CSS
- Java Script

Back End

- Node Js

Library

- React Js
- Chart.js (For Inserting Charts)

FrameWork

- Express

Ui FrameWork

- Material-Ui

Database

- MongoDB

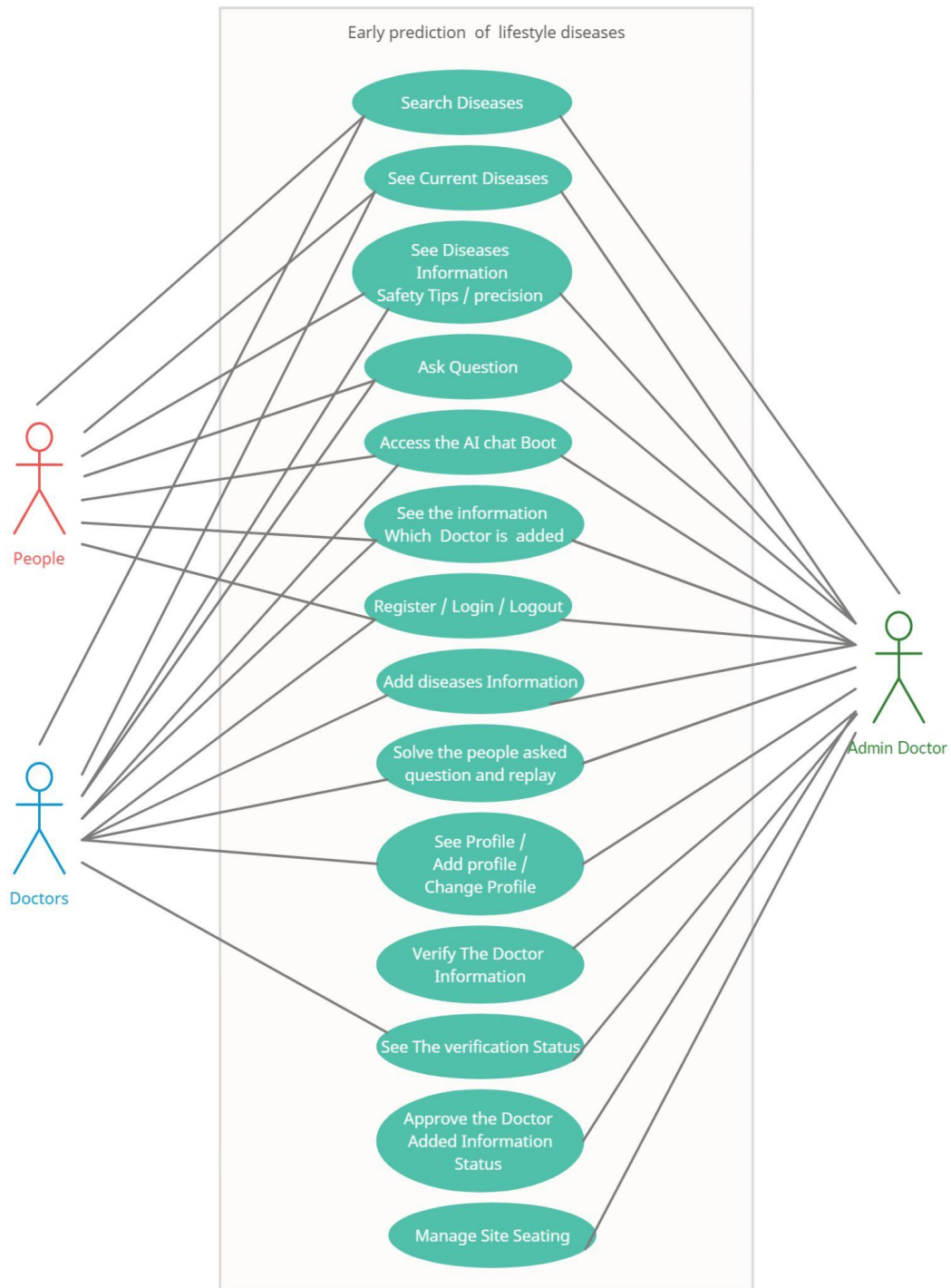
IDE

- Visual Studio Code

Project Managed

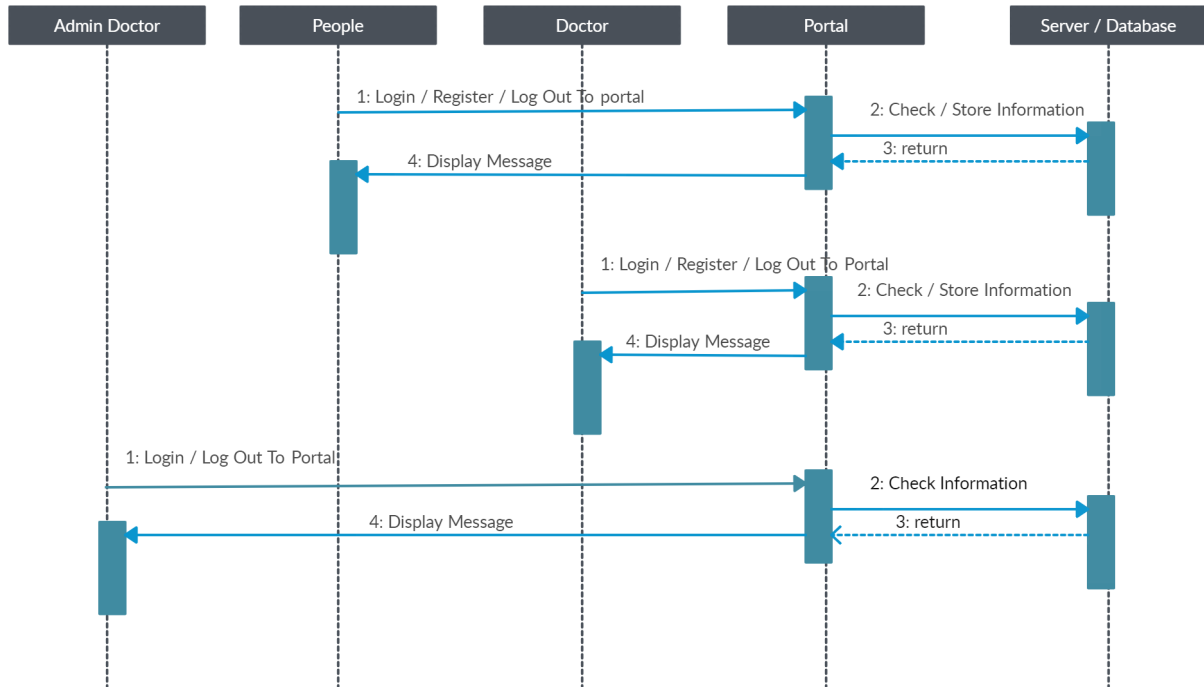
- GitHub

Use Case Diagram

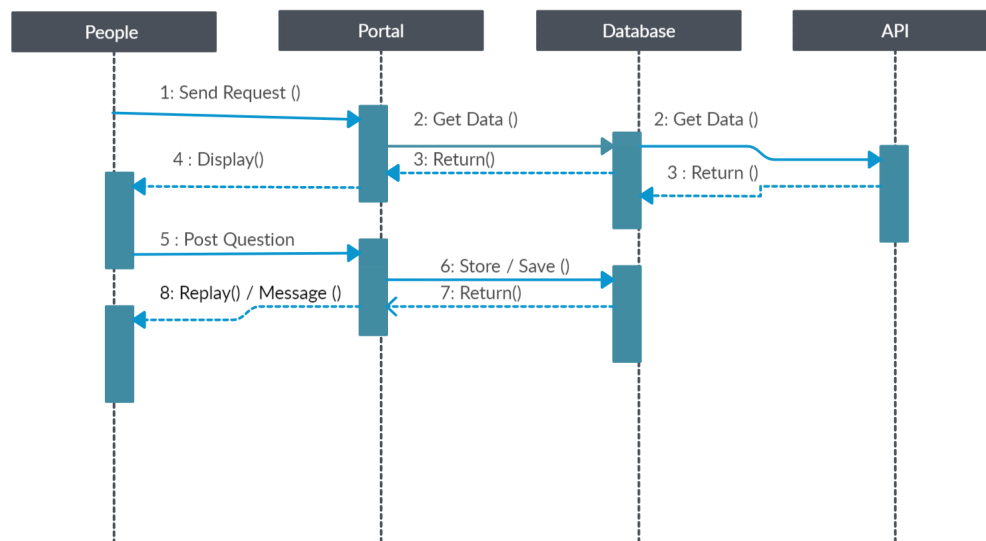


Sequence Diagram

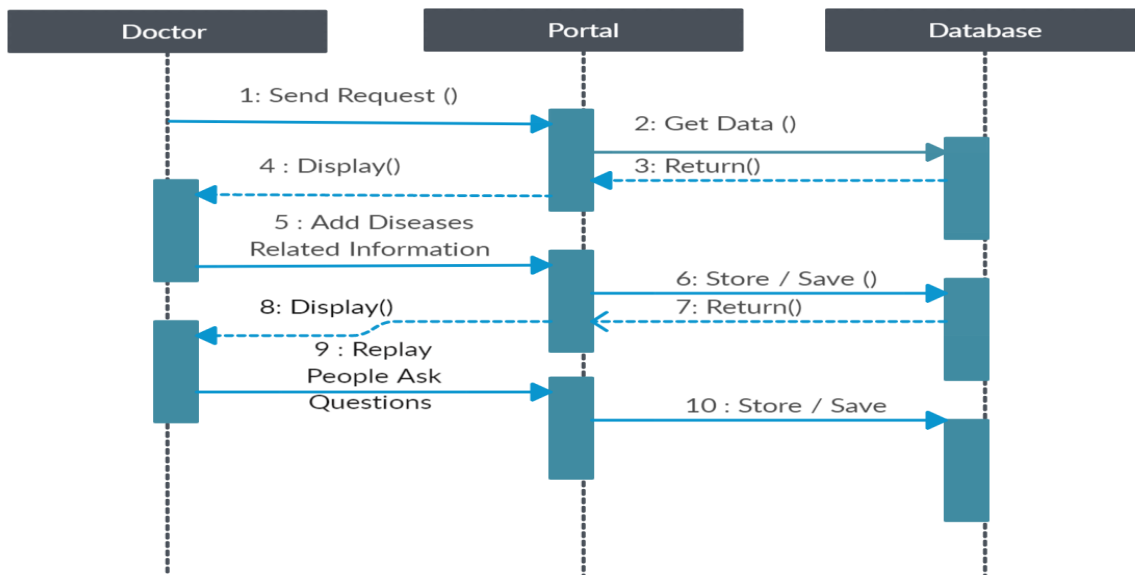
Register Login Logout



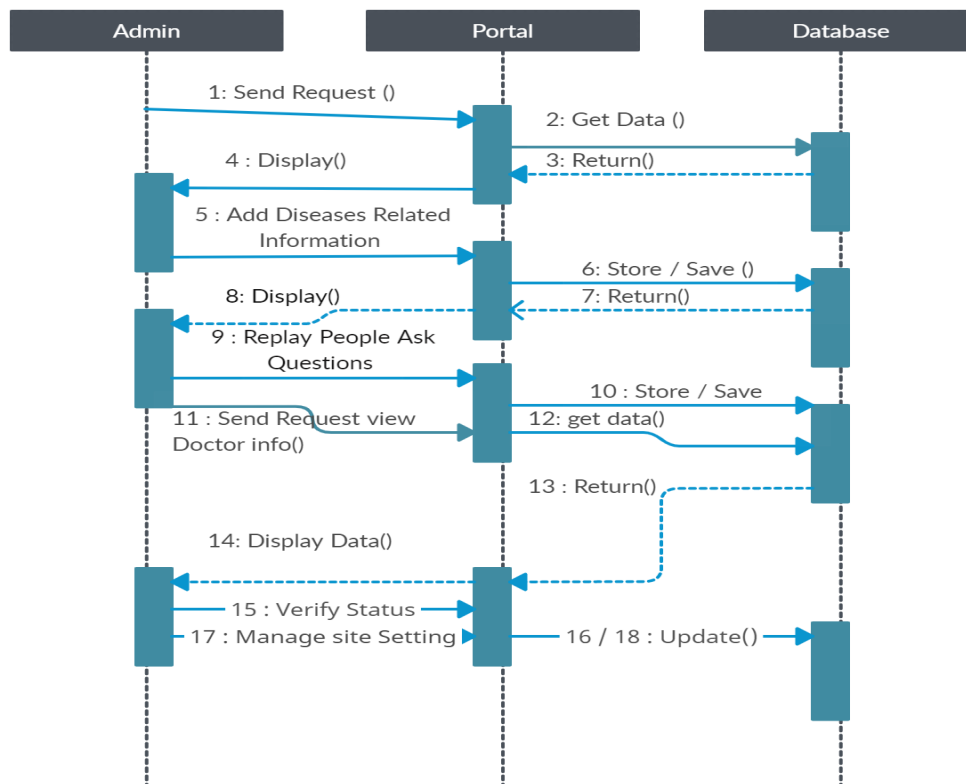
User Sequence Diagram



Doctors Sequence Diagram



Admin Sequence Diagram



Show Stopper

Dependencies

- **API (Application Programming Interface)**
 - Diseases Information API
 - Speech Recognition API