

TEAM MAVERICKS

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PROJECT

HEAL EXPERT

- A PERSONALIZED DIGITAL PLATFORM FOR PATIENT CARE MANAGEMENT





Overview

The initiative was started to integrate health services by delivering real-time patient-doctor contact on a regular basis, which helps monitor the patient's health state based on survey responses.

Roles & Responsibilities

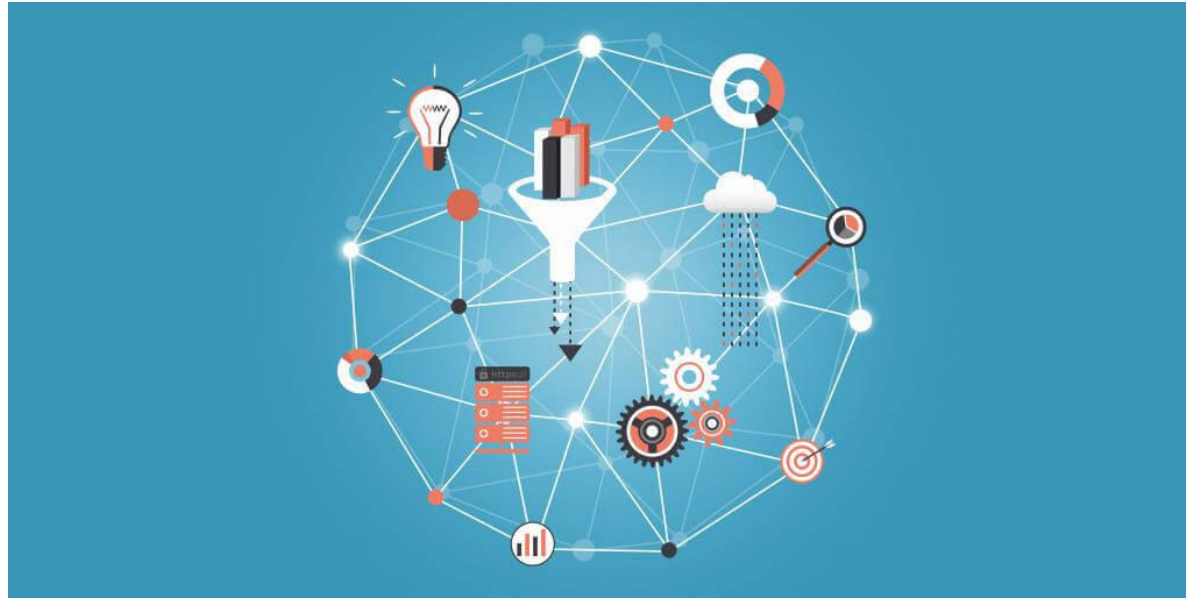
Requirement artifacts, Backend – Database models – **Prashanth**

Requirements gathering and elicitation, Service integration, Frontend modules – UI design – **Ruchika**

Application testing, Backend - Database models, controllers – **Rupesh**

Mockup screen design, Service integration, Frontend modules – **Navya Sai**





What is the project about?

Worked on the creation of the 'HealExpert' project, which is a therapeutic platform that focuses on the doctor-patient relationship. Here, a doctor can add or remove a patient from the system, as well as gather all of the patient's demographic information. This program primarily aids in the tracking of a patient's health status based on the replies provided by the patient in a survey. This technique allows clinicians to intervene more quickly, lowering healthcare expenditures and increasing productivity.

Roles and responsibilities of a doctor



The doctor can onboard and provide access to the application for new patients by taking their details and health condition.

The doctor can review the survey and add remarks according to the survey taken by the patients.

Doctor can add/remove and manage the patient from the dashboard.

Roles and responsibilities of a patient



Patients take the survey on a daily basis.



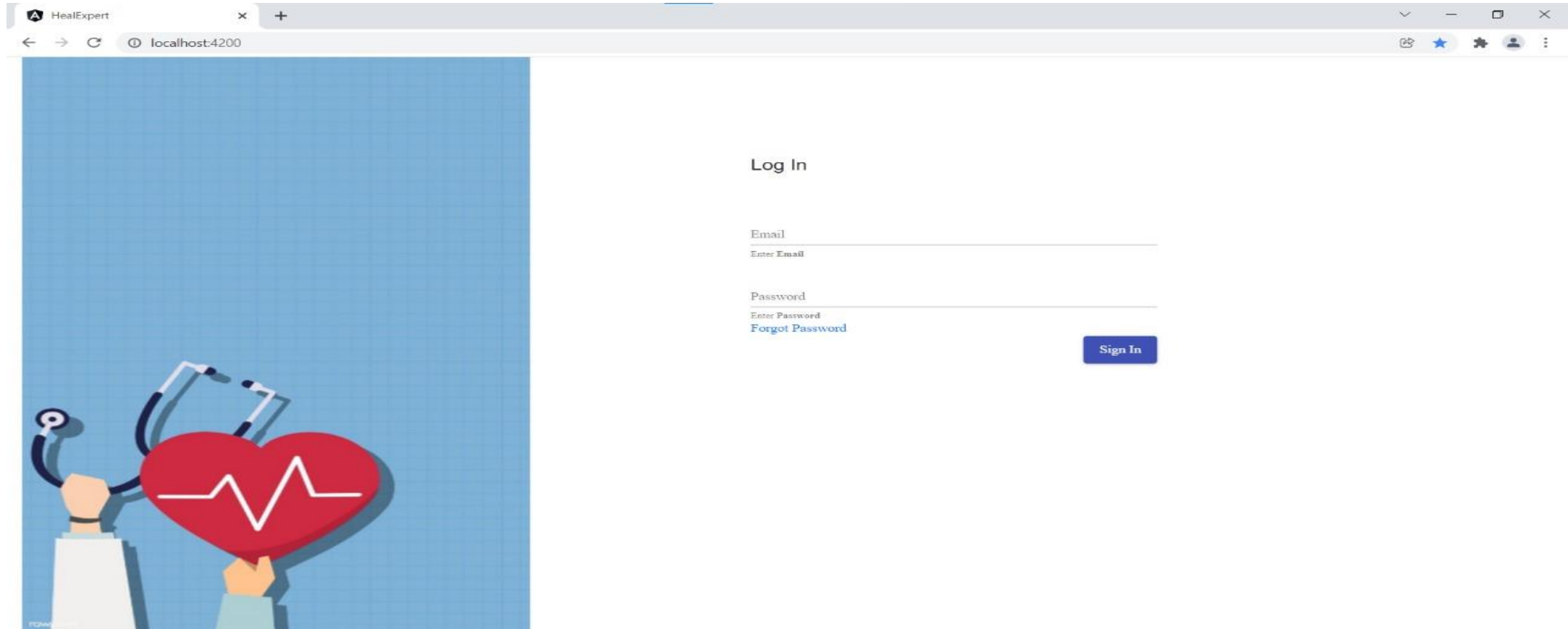
Patient can access the medical information on the dashboard based on the health condition



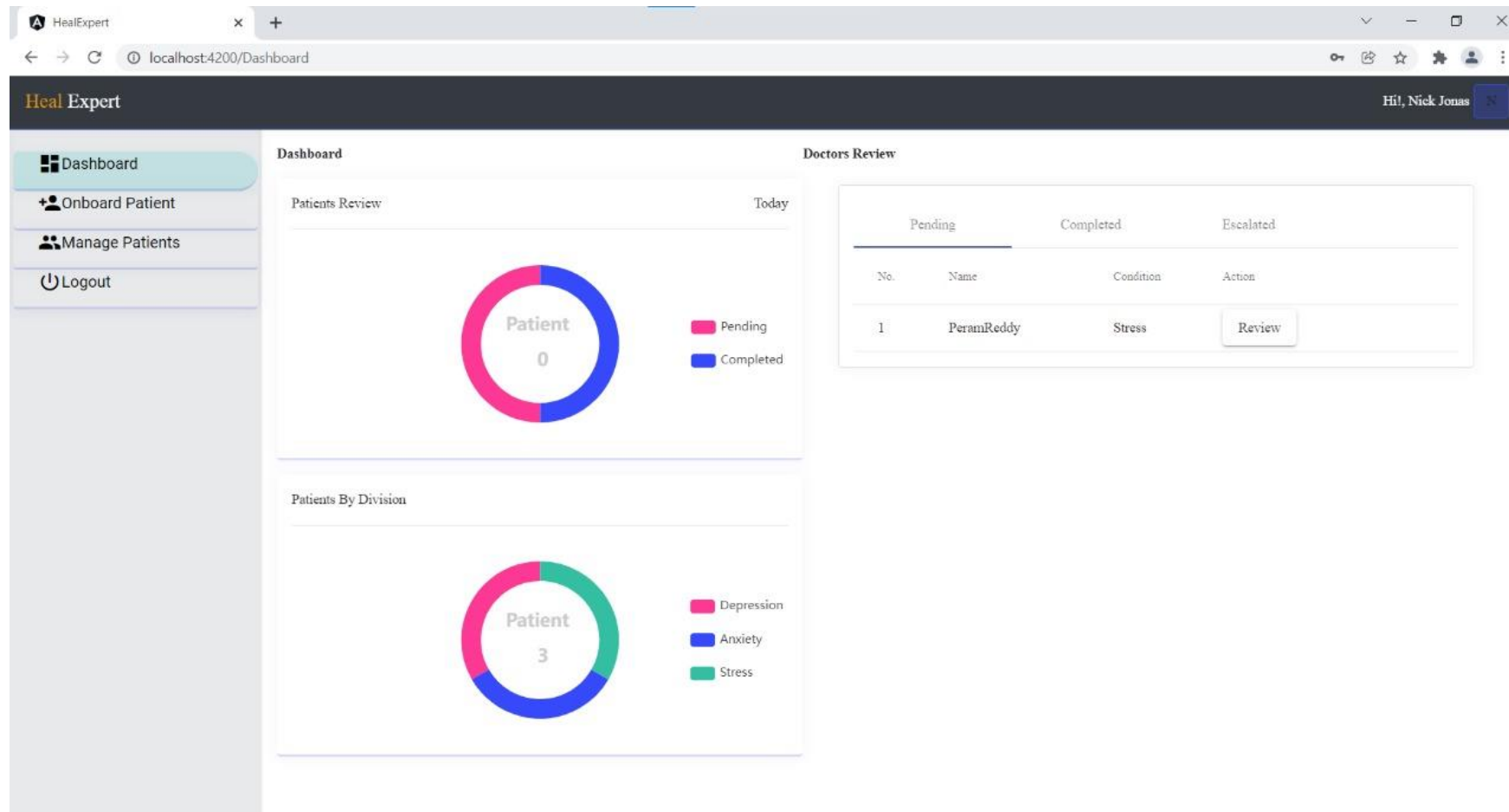
The patient will have access to the necessary doctor's contact information, which they will be able to utilize in an emergency.

HOW I LOOK LIKE?

Login Screen :



Dashboard - Doctor



Onboard Patient

The screenshot displays a web browser window with the URL `localhost:4200/Dashboard`. The application header includes the 'Heal Expert' logo and a user profile 'Hi!, Nick Jonas'. A sidebar on the left contains navigation links: 'Dashboard', 'Onboard Patient' (highlighted), 'Manage Patients', and 'Logout'. The main content area is titled 'Onboard New Patient' and contains a form with the following fields:

- First Name* (text input)
- Last Name* (text input)
- Age* (text input)
- Gender* (dropdown menu)
- Email Address* (text input)
- Mobile Number* (text input)
- Condition* (dropdown menu)

At the bottom right of the form are two buttons: 'On Board' and 'Cancel'.

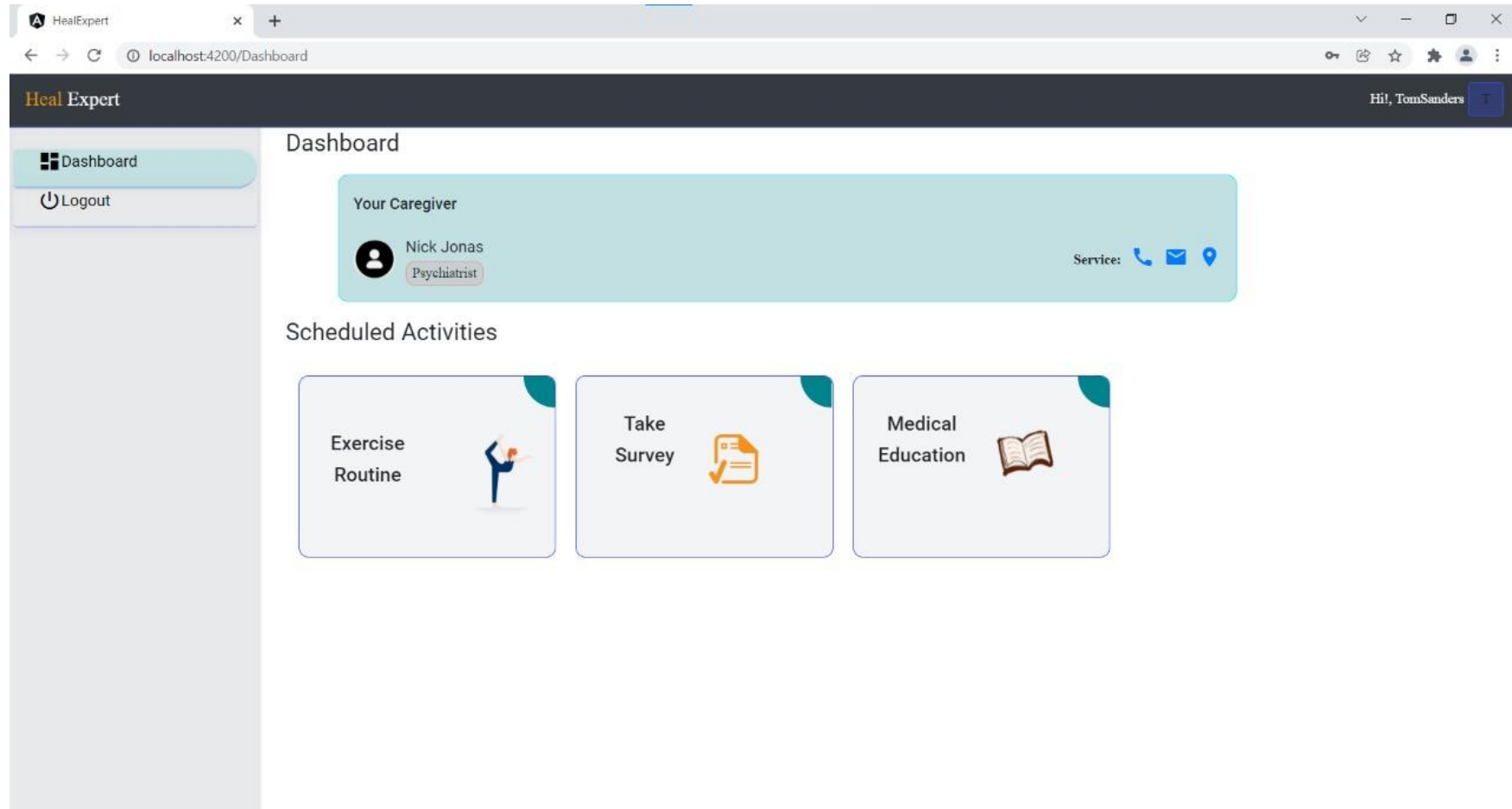
Manage Patient

The screenshot displays the HealExpert web application interface. The browser's address bar shows the URL `localhost:4200/Dashboard`. The application header includes the "Heal Expert" logo and a user greeting "Hi!, Nick Jonas" with a profile icon. A sidebar on the left contains navigation links: "Dashboard", "Onboard Patient", "Manage Patients" (which is highlighted), and "Logout". The main content area is titled "Manage Patients" and features a table with the following data:

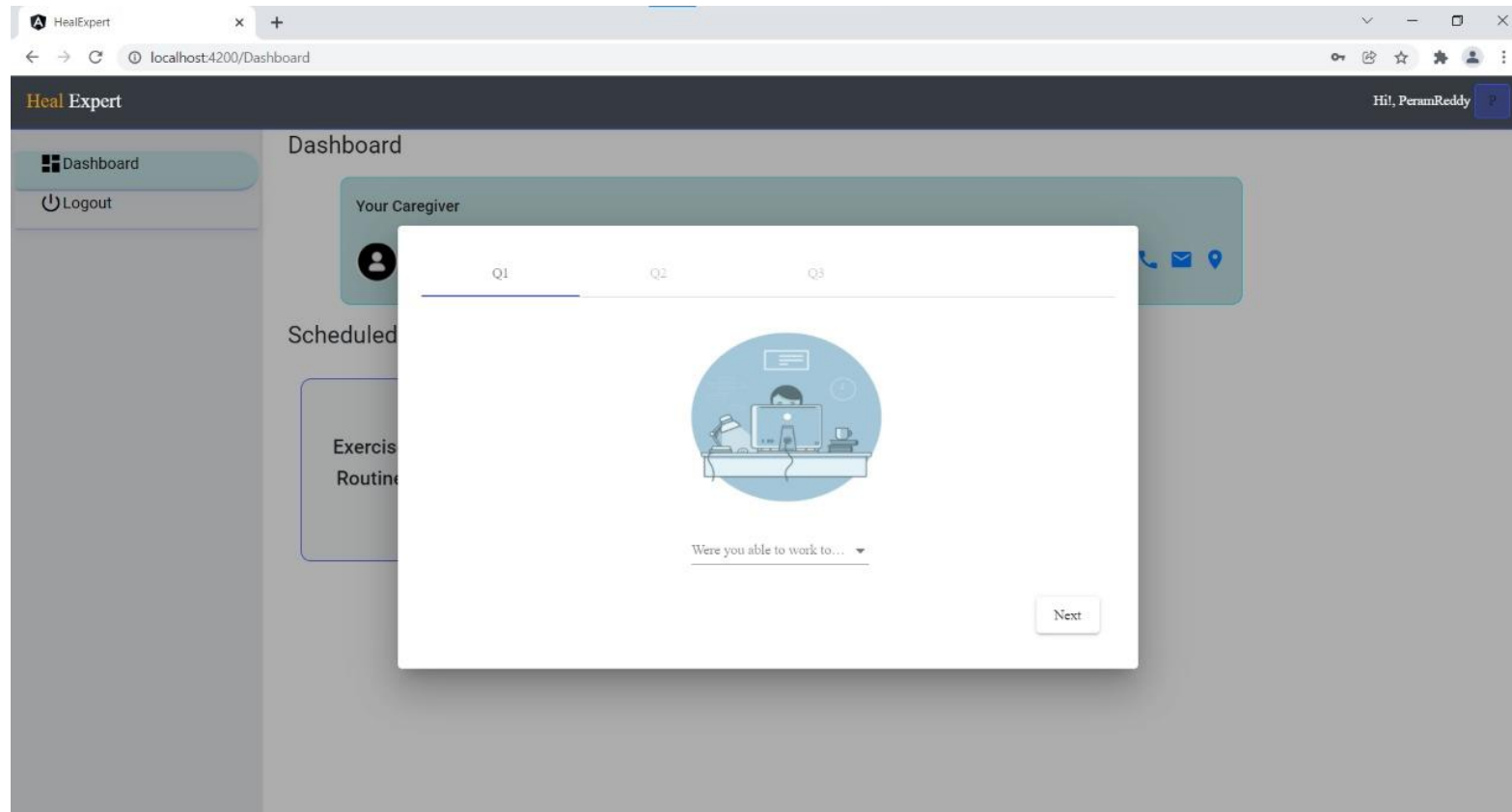
No.	Name	Email	Condition	Age	Phone Number	Symbol
1	RupeshSiddagunta	rupeshreddy247@gmail.com	Anxiety	25	6162748582	<div>Edit</div> <div>Offboard</div> <div>✓</div>
2	PeramReddy	peram@gmail.com	Stress	21	9182990262	<div>Edit</div> <div>Offboard</div> <div>✓</div>
3	TomSanders	tom@gmail.com	Depression	25	8154467890	<div>Edit</div> <div>Offboard</div> <div>✓</div>

Below the table, there is a pagination control showing "Items per page: 5" and "0 of 0", along with navigation arrows.

Dashboard - Patient



Take Survey



Change Management

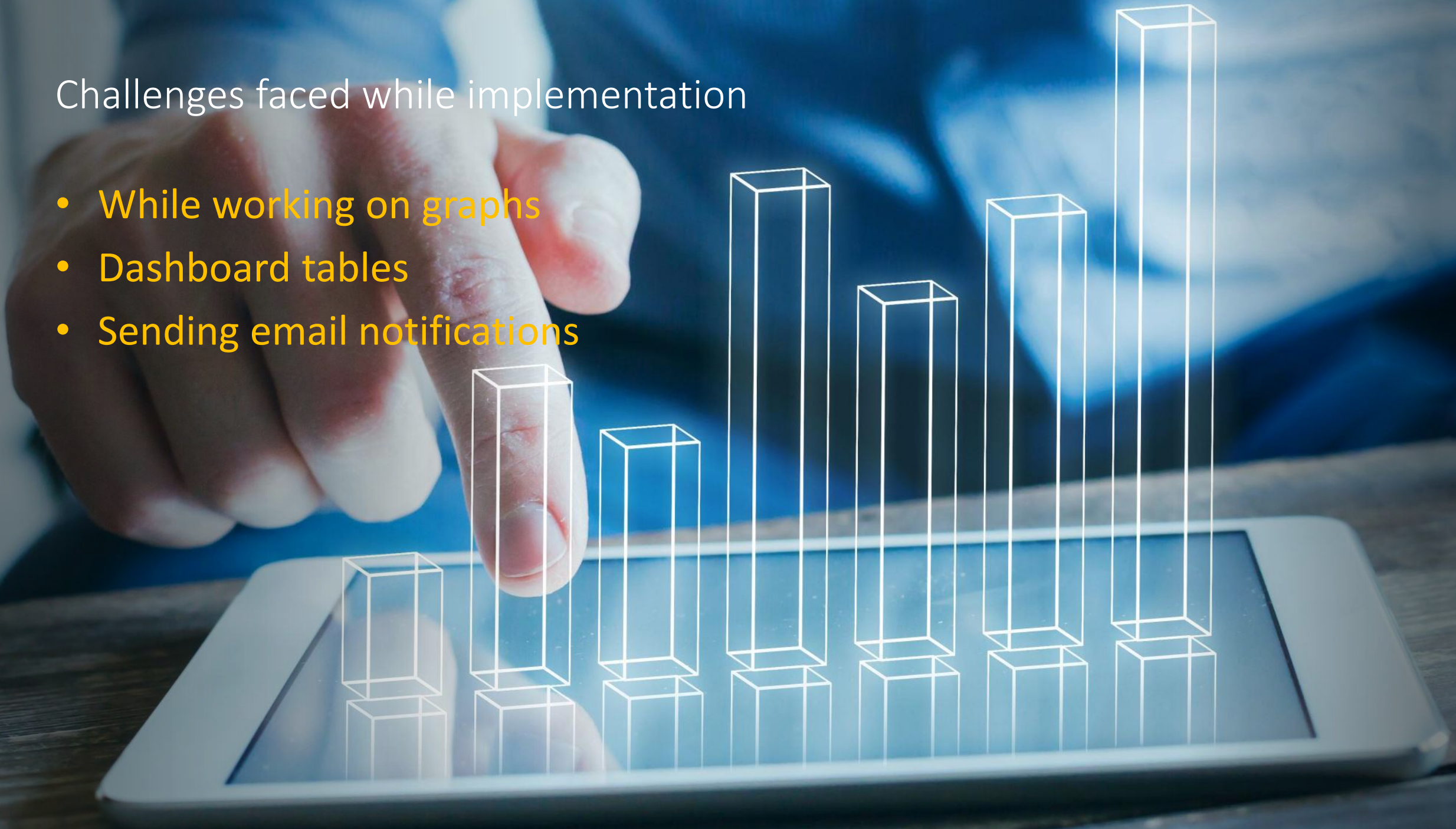
Including support functions to make the application more reliable.

Adjusting the application according to the user requirement.

Testing

Challenges faced while implementation

- While working on graphs
- Dashboard tables
- Sending email notifications

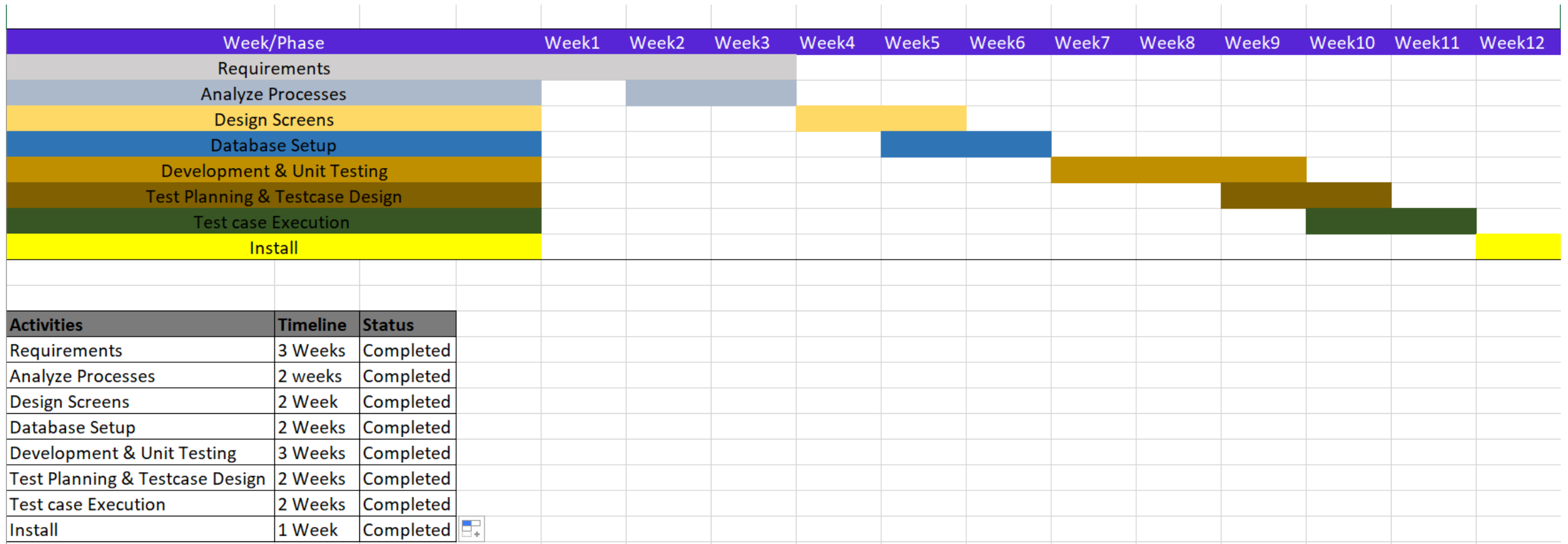


A person in a dark suit and light blue shirt is shown from the chest up, slightly out of focus. Their right hand is extended, with the index finger pointing towards a glowing, wireframe city skyline. The skyline is composed of various building shapes, some of which are rectangular and others more complex, all rendered in a bright blue, translucent wireframe style. The background is a soft, out-of-focus blue and white, suggesting an office or digital environment.

Future of HealExpert:

- Video Doctor Consultation
- E-Prescription
- Advanced Healthcare Dashboards
- Online payments
- Insurance Plan Management

GANTT CHART – Project Time Goals



THANK YOU
FOR
LISTENING

