

BookDoc - A Patient Appointment Booking and Management Website

By Jaysel Silveira

TECHNOLOGIES USED:-

Frontend development - HTML, CSS, JavaScript

Backend development - PHP

Database - MySQL

DESCRIPTION:-

BookDoc is a platform where a patient can book appointments with a doctor and a doctor can view the pending appointments. The admin monitors the overall working of the system.

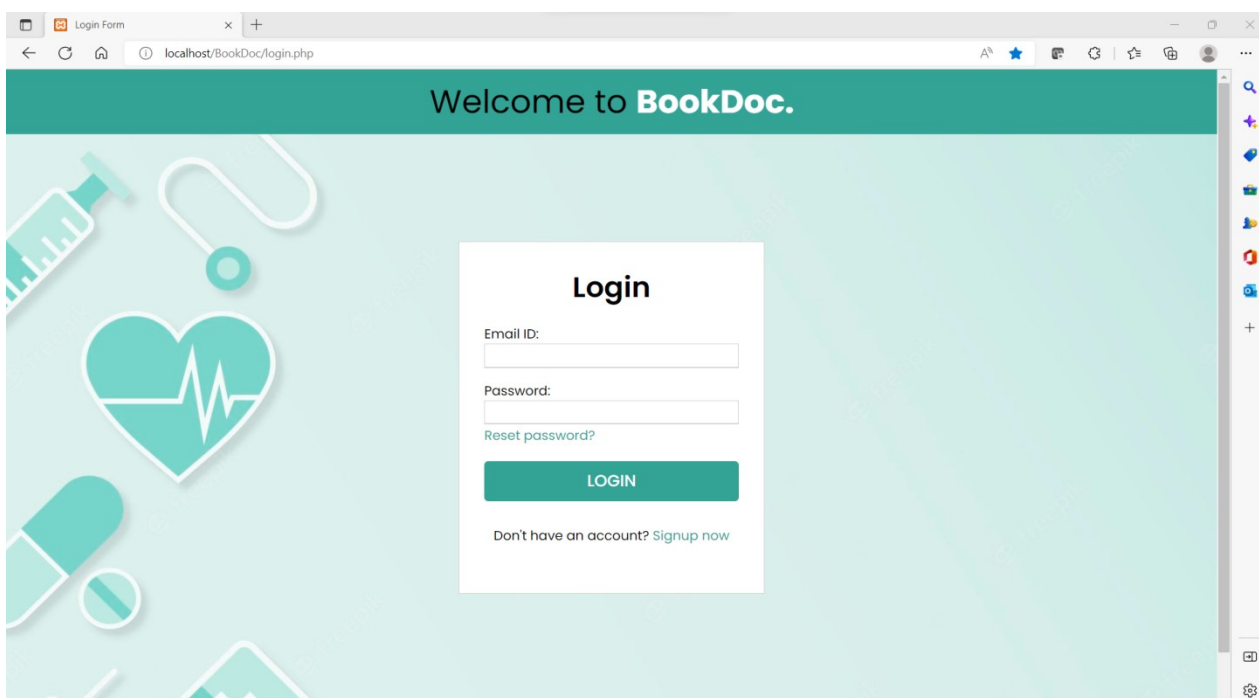
The main purpose of this mini project is to understand and demonstrate the basic functionalities of Add, Modify, Delete and Display.

IMPLEMENTATION:-

1. Login Screen

Input of the Username and Password are taken from the user. Upon validation, the user is given access to the respective view. There can be 3 types of users - Admin, Patient, and Doctor. All the 3 types of users have different views.

A SELECT query has been used to validate the data entered.

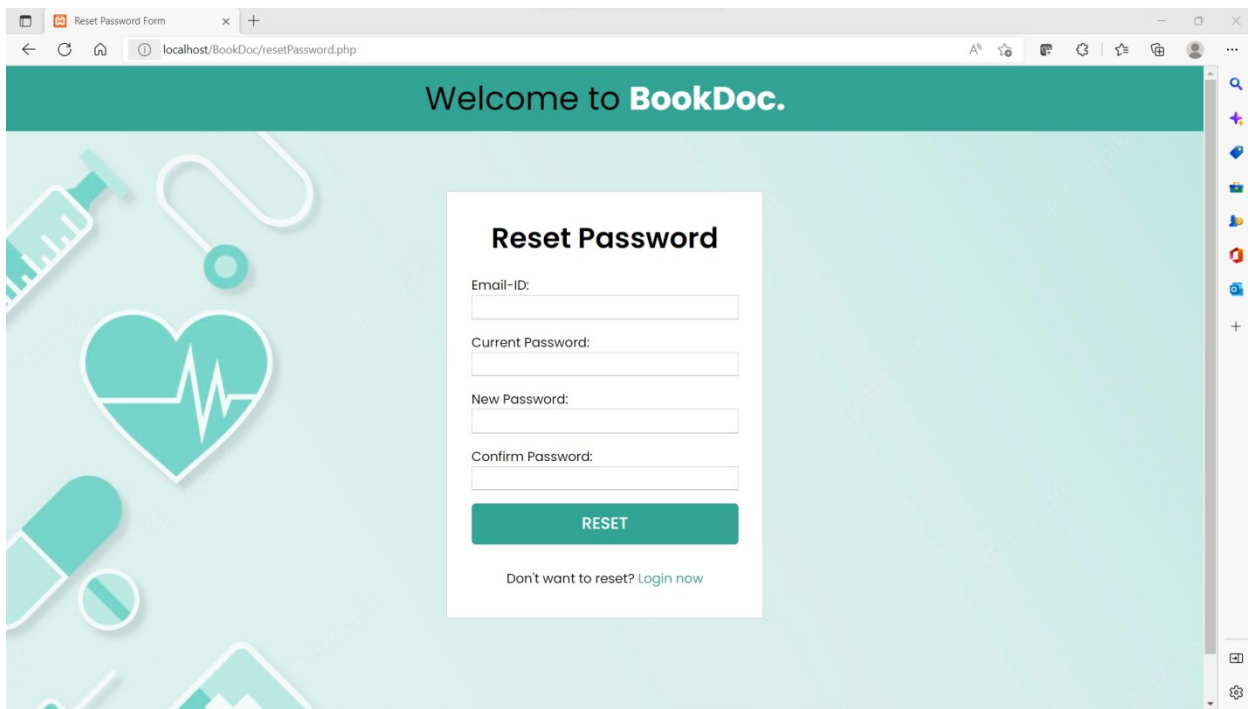


2. Reset Password

There is a functionality to reset the password if the user wants to.

A SELECT query has been used to validate the email id and current password entered.

An UPDATE query has been used to update the existing password with the new password entered in the database.



The screenshot shows a web browser window with the title 'Reset Password Form' and the URL 'localhost/BookDoc/resetPassword.php'. The page has a teal header with the text 'Welcome to BookDoc.' and a light teal background with medical-themed illustrations (stethoscope, heart, syringe, pill). In the center is a white 'Reset Password' form with the following fields: 'Email-ID:', 'Current Password:', 'New Password:', and 'Confirm Password:'. Each field has a corresponding text input box. Below the fields is a teal 'RESET' button. At the bottom of the form, there is a link: 'Don't want to reset? [Login now](#)'. The browser's address bar and various icons are visible at the top.

3. Registration Screen

If the user is a new user, then he/she can register by entering data like the first name, last name, date of birth, contact number, location, photograph, email id, password and submitting by clicking a submit button.

A date picker has been used for taking input of the date of birth, a dropdown has been used for taking input of the location, email and password type of inputs have been used for taking inputs of email-id and password respectively, while the rest are text fields.

An INSERT query has been used to add the data entered to the database.

Welcome to **BookDoc.**

Signup

First Name:

Last Name:

Date of Birth:

Location:

Image: No file chosen

Contact Number:

Email ID:

Password:

SIGNUP

[Already have an account? Login now](#)

4. Homepage

There are different views for an admin, a patient and a doctor.

i. Admin Dashboard

The details of the patients as well as those of the doctors can be viewed on the admin dashboard using the same filters mentioned below.

Patients' Details

BookDoc.

adminbookdoc@gmail.com

PATIENTS

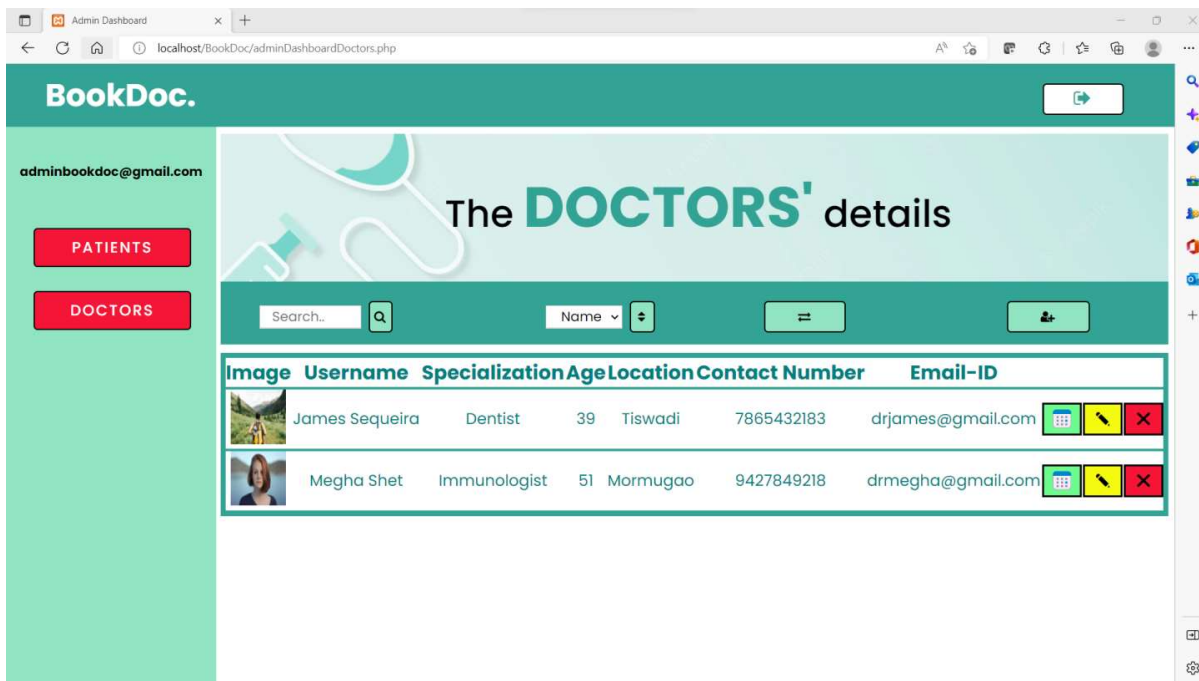
DOCTORS

The **PATIENTS'** details

Search.. Name

Image	Username	Age	Location	Contact Number	Email-ID	
	Jaysel Silveira	20	Ponda	9877773220	jaysel0013@gmail.com	<input type="button" value="v"/> <input type="button" value="=<"/> <input type="button" value="=>"/>
	Thomas Fernandes	25	Tiswadi	9876543210	thomas@gmail.com	<input type="button" value="v"/> <input type="button" value="=<"/> <input type="button" value="=>"/>
	Leo Dias	37	Bardez	8887776690	leo@gmail.com	<input type="button" value="v"/> <input type="button" value="=<"/> <input type="button" value="=>"/>
	Jane Silveira	22	Ponda	7895477890	jane@gmail.com	<input type="button" value="v"/> <input type="button" value="=<"/> <input type="button" value="=>"/>
	Anisha Naik	24	Sanguem	9987334567	anisha@gmail.com	<input type="button" value="v"/> <input type="button" value="=<"/> <input type="button" value="=>"/>

Doctors' Details

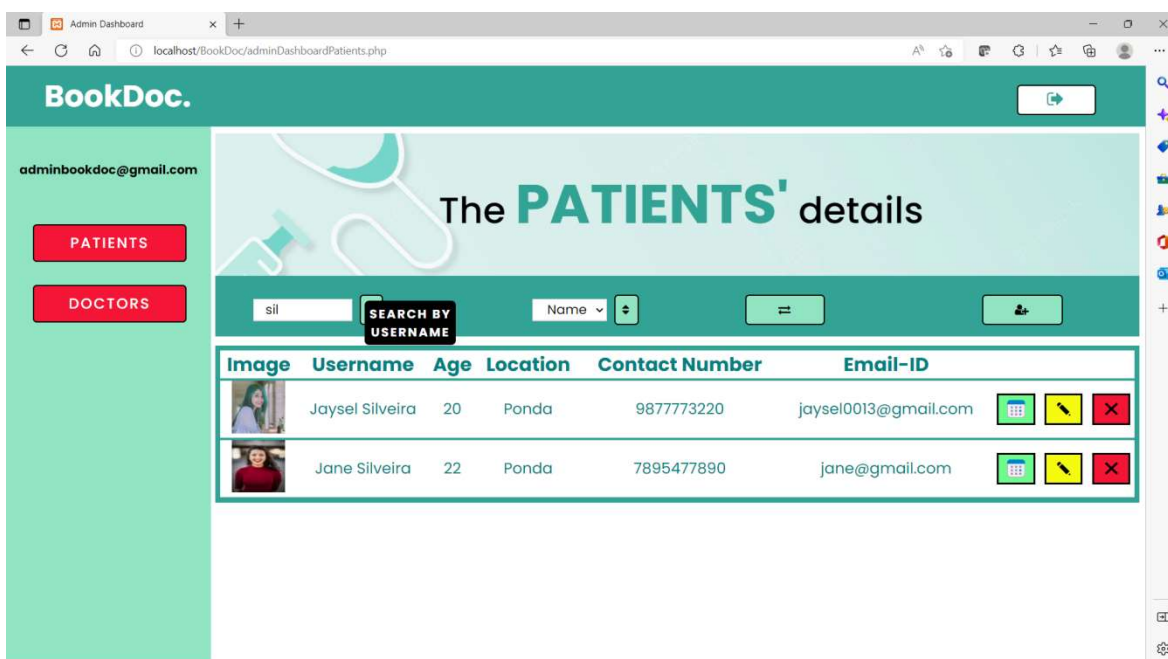


The admin dashboard has a header at the top, followed by the filter section and then the main details.

The header consists of the website name and a Logout button which could be clicked to logout.

On the filter section, there are filters like search by username, sort by username, age or location, change view, add new patient or add new doctor.

Search By Username using a SELECT query with WHERE and LIKE clauses



Sort By Username using a SELECT query with ORDER BY clause

The screenshot shows the 'BookDoc.' Admin Dashboard. The left sidebar has a green background with the email 'adminbookdoc@gmail.com' and two red buttons: 'PATIENTS' and 'DOCTORS'. The main content area has a teal header with 'The PATIENTS' details'. Below the header is a search bar and a 'Name' dropdown menu. The 'SORT BY' button is highlighted, and the 'Name' dropdown is open, showing 'Name' selected. The table below displays patient data sorted by Username. The table has columns: Image, Username, Age, Location, Contact Number, and Email-ID. The data is as follows:

Image	Username	Age	Location	Contact Number	Email-ID
	Anisha Naik	24	Sanguem	9987334567	anisha@gmail.com
	Jane Silveira	22	Ponda	7895477890	jane@gmail.com
	Jayasel Silveira	20	Ponda	9877773220	jayasel0013@gmail.com
	Karan Wahi	41	Sattari	8765990982	karan@gmail.com
	Leo Dias	37	Bardez	8887776690	leo@gmail.com

Sort By Age using a SELECT query with ORDER BY clause

The screenshot shows the 'BookDoc.' Admin Dashboard. The left sidebar has a green background with the email 'adminbookdoc@gmail.com' and two red buttons: 'PATIENTS' and 'DOCTORS'. The main content area has a teal header with 'The PATIENTS' details'. Below the header is a search bar and an 'Age' dropdown menu. The 'SORT BY' button is highlighted, and the 'Age' dropdown is open, showing 'Age' selected. The table below displays patient data sorted by Age. The table has columns: Image, Username, Age, Location, Contact Number, and Email-ID. The data is as follows:

Image	Username	Age	Location	Contact Number	Email-ID
	Jayasel Silveira	20	Ponda	9877773220	jayasel0013@gmail.com
	Jane Silveira	22	Ponda	7895477890	jane@gmail.com
	Maria Dias	23	Quepem	9873693864	maria@gmail.com
	Anisha Naik	24	Sanguem	9987334567	anisha@gmail.com
	Thomas Fernandes	25	Tiswadi	9876543210	thomas@gmail.com

Sort By Location using a SELECT query with ORDER BY clause

Image	Username	Age	Location	Contact Number	Email-ID	
	Leo Dias	37	Bardez	8887776690	leo@gmail.com	
	Jaysel Silveira	20	Ponda	9877773220	jaysel0013@gmail.com	
	Jane Silveira	22	Ponda	7895477890	jane@gmail.com	
	Maria Dias	23	Quepem	9873693864	maria@gmail.com	
	RP K	34	Quepem	9065204546	rpk@gmail.com	

The main details could be viewed either in a list view or in a grid view.

List View

Image	Username	Age	Location	Contact Number	Email-ID	
	Jaysel Silveira	20	Ponda	9877773220	jaysel0013@gmail.com	
	Thomas Fernandes	25	Tiswadi	9876543210	thomas@gmail.com	
	Leo Dias	37	Bardez	8887776690	leo@gmail.com	
	Jane Silveira	22	Ponda	7895477890	jane@gmail.com	
	Anisha Naik	24	Sanguem	9987334567	anisha@gmail.com	

In a list view, the details like the photograph, username, age, contact number, location, email id of each user are displayed on each row of a table.

At the end of each row, there are options to view appointments, edit or delete a particular user's information.

An UPDATE query has been used to edit the account of a particular user.

A DELETE query has been used to delete the account of a particular user.

Edit Page

BookDoc.


Edit Page

Username: Jaysel Silveira

Date of Birth: 29/08/2002

Location: Select a Taluka

Image: Choose File No file chosen

Current Image: 

Contact Number: 987773220

Email ID: jaysel0013@gmail.com

SAVE CHANGES

Grid View

BookDoc.

adminbookdoc@gmail.com

PATIENTS

DOCTORS

The PATIENTS' details

Search.. Q Name v

CHANGE VIEW

Card 1: Username: Jaysel Silveira, Age: 20, Location: Ponda, Contact: 987773220, Email-ID: jaysel0013@gmail.com

Card 2: Username: Thomas Fernandes, Age: 25, Location: Tiswadi, Contact: 9876543210, Email-ID: thomas@gmail.com

Card 3: Username: Leo Dias, Age: 37, Location: Bardez, Contact: 8887776690, Email-ID: leo@gmail.com

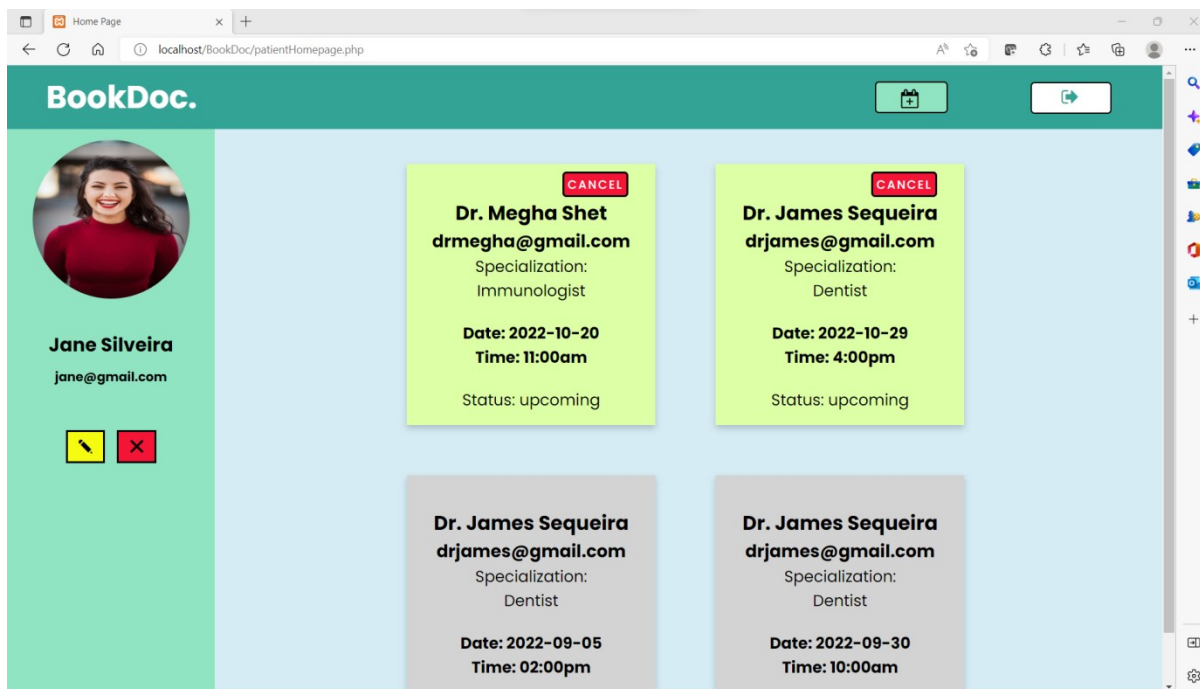
In a grid view, the details of each user are displayed as an individual card.

A SELECT query with different clauses has been used to display the data in the different ways required.

The admin can also add a new patient or add a new doctor. An INSERT query is used to do so.

ii. Patient Homepage

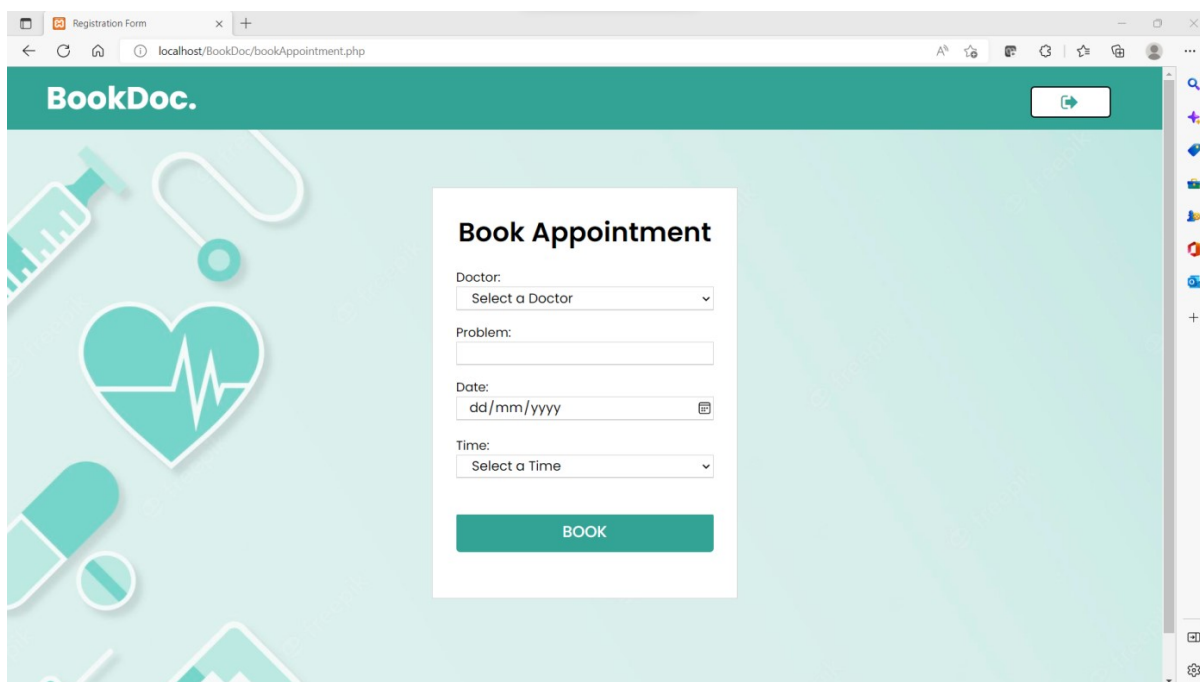
This is the view for the patients.



The details of the patient who has logged in are displayed on the sidebar at the left hand side. A patient can also edit and delete his/her account.

There is a functionality to book appointments with a doctor. This can be done by clicking on the 'Book Appointment' button on the header.

Book Appointments



An appointment can be booked by entering the required data and clicking on the 'Book' button.

An INSERT query has been used to add a new appointment to the database.

A patient could choose specialists based on the type of illness.

All the upcoming as well as already completed appointments of the patient with various doctors get displayed on the Patient Homepage.

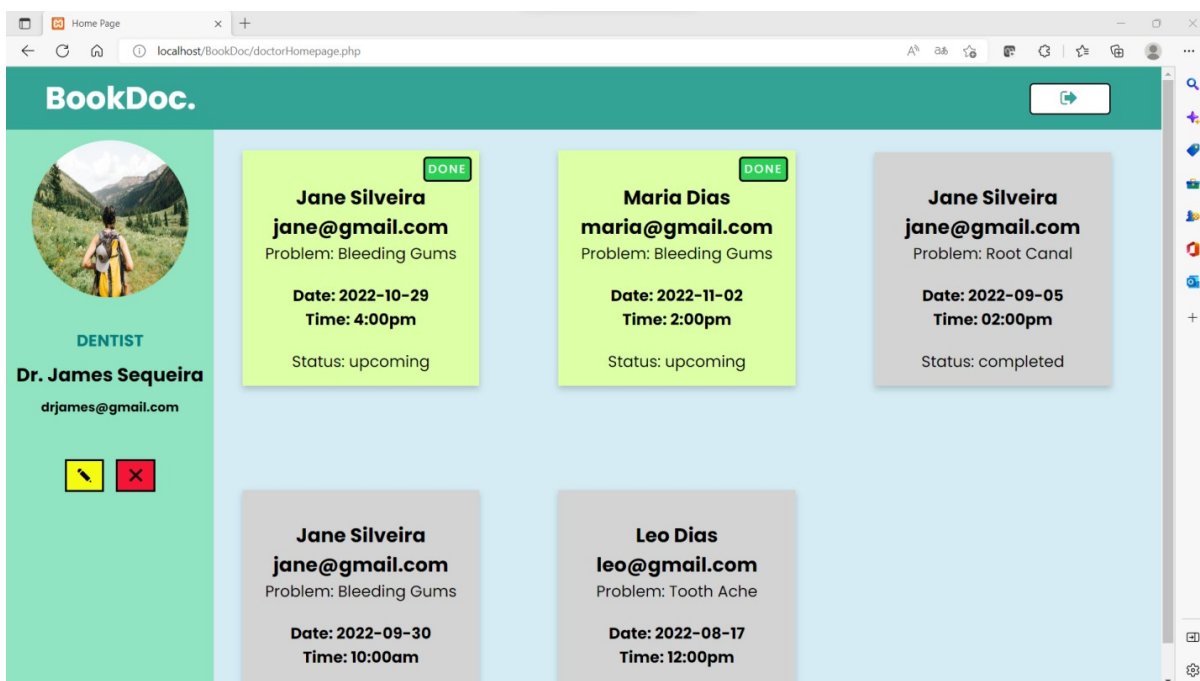
A SELECT query has been used to display the data.

A patient can also cancel an upcoming appointment by clicking on the 'Cancel' button.

A DELETE query has been used to cancel the appointment.

iii. Doctor Homepage

This is the view for the doctors.



The details of the doctor who has logged in are displayed on the sidebar at the left hand side. A doctor can also edit and delete his/her account.

All the upcoming as well as already completed appointments of the many patients to be treated or already treated get displayed on the Doctor Homepage.

A SELECT query has been used to display the data.

A doctor can also change the status of an upcoming appointment to a completed appointment by clicking on the 'Done' button.

An UPDATE query has been used to change the status of the appointment.

CONCLUSION:-

BookDoc - A Patient Appointment Booking and Management Website was successfully implemented.