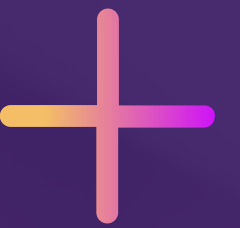
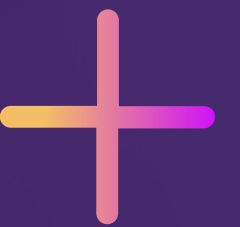




A Onestop solution for quick health assistance



GETWELLSOON APP



A Capstone Project by Team: *Hum Paanch* (Team 2)

Team Members:

Hritik Kahalkar
Pranjali Bose
Rutik Gawande
Sanskriti Jalte
Sudhanshu Sathawane

Batch – Java 3



What is GetWellSoon?

GetWellSoon is a platform where Doctors and Patients can register themselves by adding some necessary details. Patients can book an appointment with any particular doctor while doctors can display their details and can also fetch their own set of appointments.



Software Requirements



- 1.IDE: Eclipse 2022
- 2.Programming Language: Java
- 3.Database: MySQL
- 4.API Documentation: Swagger API
- 5.Framework: SpringBoot
- 6.Version Control: GitHub



Database Structure

Patient Table

Stores details of patients such as Patient Id, Name, Age, Contact no., and Address.



DoctorList Table

Stores all the details of doctors such as Doctor Id, Name, Address, Time-Slot, Specialization, Fee Amount, Qualification, Experience, and Mail Id.



AppointmentData Table

Stores the list of all the appointments made for every doctor by the patients. It contains details like Appointment Id, Appointment Date, Doctor Fees, Doctor Id, Doctor Name, Patient Id and Patient Name.

Database Table View

```
mysql> use getwellsoon
Database changed
mysql> show tables;
+-----+
| Tables_in_getwellsoon |
+-----+
| appointmentdata       |
| doctorlist            |
| patient               |
+-----+
3 rows in set (0.00 sec)

mysql> desc patient;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra      |
+-----+-----+-----+-----+-----+-----+
| patientId  | int       | NO   | PRI | NULL    | auto_increment |
| patientName | varchar(20) | NO   |     | NULL    |              |
| patientAge  | int       | YES  |     | NULL    |              |
| patientPhone | varchar(10) | YES  |     | NULL    |              |
| patientAddress | varchar(30) | YES  |     | NULL    |              |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> desc doctorlist;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra      |
+-----+-----+-----+-----+-----+-----+
| docId      | int       | NO   | PRI | NULL    | auto_increment |
| docName    | varchar(20) | YES  |     | NULL    |              |
| docAddress | varchar(20) | NO   |     | NULL    |              |
| docTiming  | varchar(20) | YES  |     | NULL    |              |
| docDepartment | varchar(20) | YES  |     | NULL    |              |
| docFees    | float     | YES  |     | NULL    |              |
| docQualification | varchar(20) | YES  |     | NULL    |              |
| docExperience | int       | YES  |     | NULL    |              |
| docMail    | varchar(20) | YES  |     | NULL    |              |
+-----+-----+-----+-----+-----+-----+
9 rows in set (0.00 sec)
```

```
mysql> desc appointmentdata;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra      |
+-----+-----+-----+-----+-----+-----+
| appointId  | int       | NO   | PRI | NULL    | auto_increment |
| appointDate | date      | YES  |     | NULL    |              |
| docFees    | float     | NO   |     | NULL    |              |
| docId      | int       | NO   |     | NULL    |              |
| docName    | varchar(255) | YES  |     | NULL    |              |
| patientId  | int       | NO   |     | NULL    |              |
| patientName | varchar(255) | YES  |     | NULL    |              |
+-----+-----+-----+-----+-----+-----+
7 rows in set (0.00 sec)
```


Version Control - Git

eclipse-workspace2 - GetWellSoon/src/main/java/com/gws/model/DoctorList.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

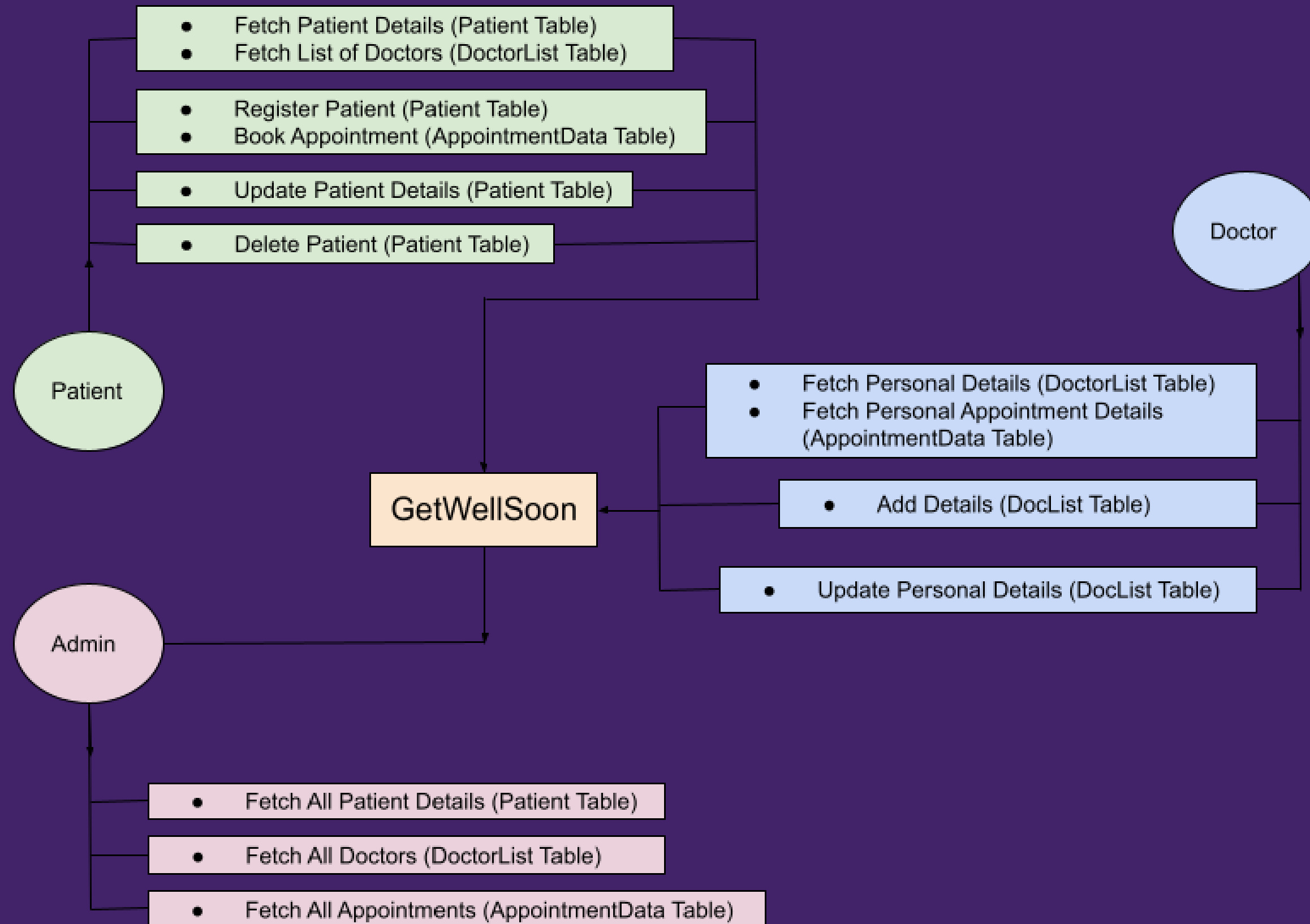
Markers Properties Servers Data Source Explorer Snippets Terminal Console Git Repositories Git Staging History ×

Project: GetWellSoon [GetWellSoon-Capstone-]

Id	Message	Author	Authored Date	Committer	Committed Date
4236f9b	master origin/HEAD origin/master HEAD Sanskruti Final Project	sans2600	9 hours ago	sans2600	9 hours ago
38a8b5d	Sanskrutii delete	sans2600	11 hours ago	sans2600	11 hours ago
60aebc8	Pranjali Final	pranjali	3 days ago	pranjali	3 days ago
60616aa	Pranjali Minor Changes commit	pranjali	3 days ago	pranjali	3 days ago
2c37af2	Hritik Commit Updated	hritik	4 days ago	hritik	4 days ago
c9ab364	Rutik Final Commit 2	rdg	4 days ago	rdg	4 days ago
c18670e	Rutik Final Commit	rdg	4 days ago	rdg	4 days ago
43c20fd	Pranjali Final	pranjali	5 days ago	pranjali	5 days ago
fd95207	sanskriti day3 last commit	sans2600	5 days ago	sans2600	5 days ago
063ca27	Rutik Commit	rdg	5 days ago	rdg	5 days ago
98171d5	Sanskriti Added Admin	sans2600	5 days ago	sans2600	5 days ago
06cfd01	Sanskriti final commit day3	sans2600	5 days ago	sans2600	5 days ago
dc8b766	Sudhanshu Commit AppointmentData Day 3 Trying 2	Sudhanshu	5 days ago	Sudhanshu	5 days ago
8fa8f2e	Day 3 Sudhanshu AppointmentData	Sudhanshu	5 days ago	Sudhanshu	5 days ago
d7d8baf	Pranjali Doctor Controller	pranjali	5 days ago	pranjali	5 days ago
7561ce8	SanskritiException	sans2600	6 days ago	sans2600	6 days ago
d016960	Hritik - Day2 Repo Commit	hritik	6 days ago	hritik	6 days ago
c7f2b9b	Pranjali Day2	pranjali	6 days ago	pranjali	6 days ago
3851634	Sanskriti UpdatesDay1	sans2600	7 days ago	sans2600	7 days ago
9894508	First COmmit	hritik	7 days ago	hritik	7 days ago
ea0691e	Initial	sans2600	7 days ago	sans2600	7 days ago



Flowchart





Features & Functionalities



Patient Controller

patient-controller

GET /patient/{id}

PUT /patient/{id}

POST /patient_register

POST /booking/{patientId}/{docId}/{appointDate}

GET /doctorlist

DELETE /patient/delete/{patientId}

01

Patient Register :

Patients can register themselves by adding details about them. Their details will be added to Patient Table.

02

Fetch Patient Details By Id :

Patients can fetch their registered information by providing their unique Id.

03

Update Patient Details By Id :

Patients can edit their details by passing their unique Id.

04

Delete Patient Details By Id :

Patients can delete their details by passing their unique Id.

05

Fetch List of Doctors :

Patients can fetch the list of doctors and see the details so as to book an appointment.

06

Book an Appointment :

Patients can book an appointment by passing patient Id and doctor Id and mention the date of appointment. The details of appointment will be added to AppointmentData Table.



Doctor Controller

doctor-controller

GET

/doctor/{id}

PUT

/doctor/{id}

POST

/doctor_register

GET

/doctor/appointmentdata/{id}

DELETE

/doctor/delete/{docId}

01

Doctor Register :

Doctors can register themselves by adding details about them. Their details will be added to DoctorList Table.

02

Fetch Doctor Details By Id :

Doctors can fetch their registered information by providing their unique Id.

03

Update Doctor Details By Id :

Doctors can edit their details by passing their unique Id.

04

Delete Doctor Details By Id :

Doctors can delete their details by passing their unique Id.

05

Fetch List of Appointment by Doctor Id :

Doctors can fetch the list of appointments that have been booked under their respective Ids.





Admin Controller

admin-controller

GET

/appointments

GET

/admin/patient

GET

/admin/doctors

01

Fetch all Appointment details:

Admin can fetch all the appointments made till date by patients from AppointmentData Table.

02

Fetch details of Doctors :

Admin can fetch list and details of all the doctors registered from the DoctorList Table.

03

Fetch details of Patients :

Admin can fetch list and details of all the patients registered from the Patient Table.





THANK YOU



GETWELLSOON APP