

Hospital-Management-App



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Project Briefing:

- This app shows the appointments to the Doctor as well as Patients.
- They can check and save the appointments.
- Doctors and Patients can view as well as save the Prescription

Doctor access:



- Doctor can access the following appointments entering the patients details.
- Doctor can also save the appointments and check them.

Patient access:



- Patients can access their appointment details by entering the credentials.
- Patients can also save their appointments

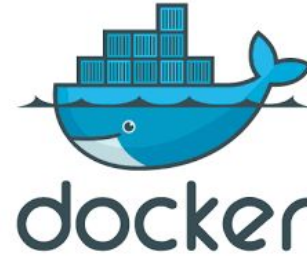
Prescription details:



- Here ,both the Doctor as well as the Patient can access the Prescription.
- Doctor and Patient can check the details of the Prescription.
- Doctor and Patient can also save the Prescription.

Technologies and Tools Used:

- ❑ Apache maven
- ❑ MongoDB
- ❑ Docker
- ❑ Java
- ❑ SpringBoot
- ❑ Swagger API
- ❑ Mockito
- ❑ Tomcat



Spring-boot:

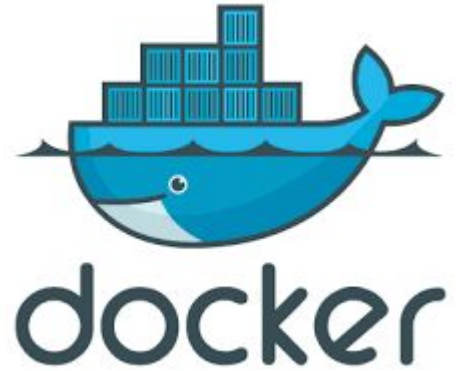


- Spring Boot helps create apps that aren't tied to a specific platform and that can run locally on a device without an internet connection or other installed services to be functional.
- It provides Java developers with a platform to get started with an auto configurable production-grade Spring application.



- MongoDB is a document database used to build highly available and scalable internet applications. With its flexible schema approach, it's popular with development teams using agile methodologies.

Docker



- Docker packages software into standardized units called containers that have everything the software needs to run including libraries, system tools, code, and runtime

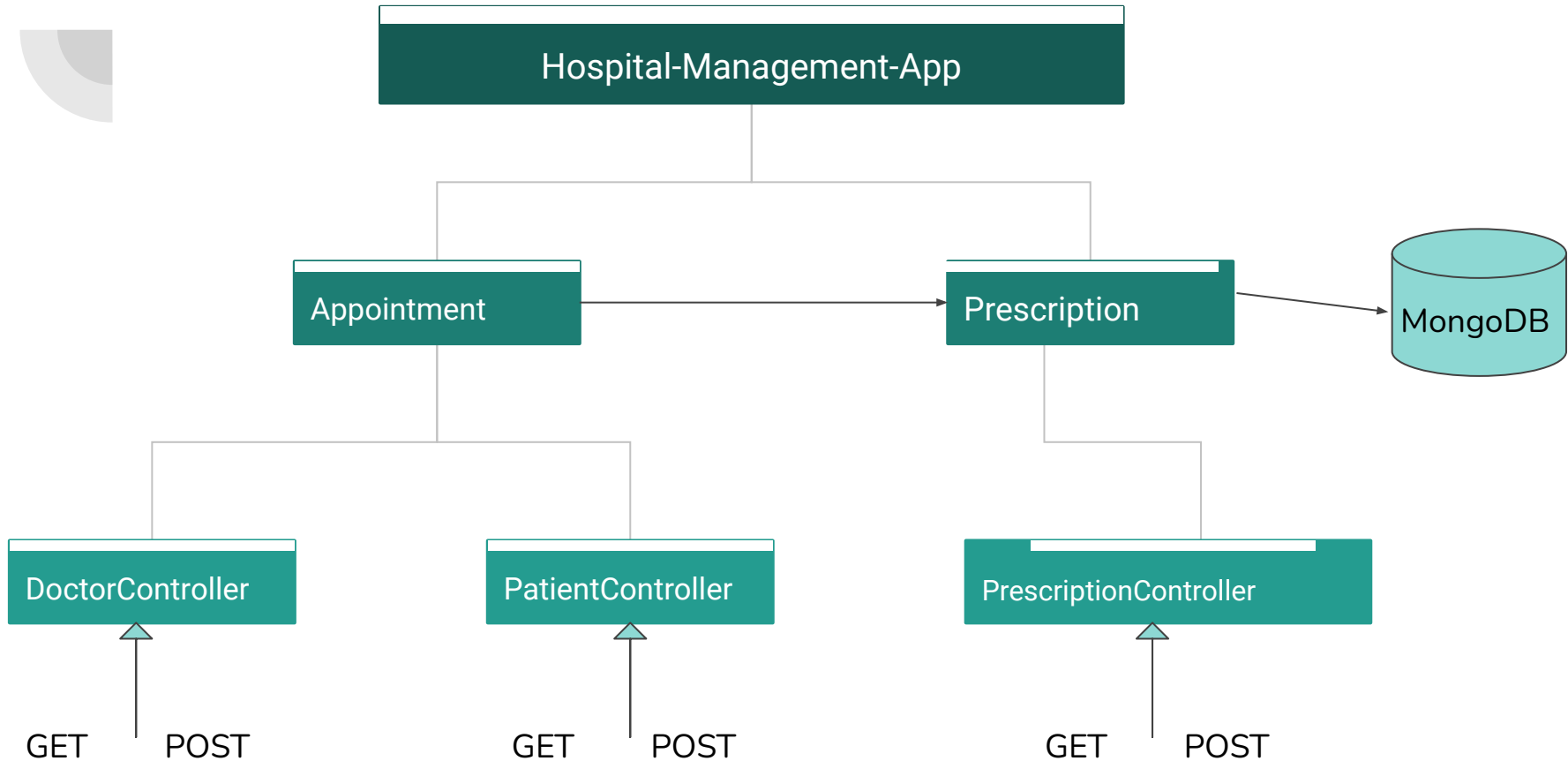


Maven is a popular open-source build tool developed by the Apache Group to build, publish, and deploy several projects at once for better project management.

Swagger



Swagger helps users build, document, test and consume RESTful web services. It can be used with both a top-down and bottom-up API development approach.



Used Cases

- Keeping the records of Appointments.
- Keeping the details of Prescription.
- Adding the details of Patients and Doctors.
- Deleting the details of Patients and Doctors.



Thank You!