

Hospital Management App

BY

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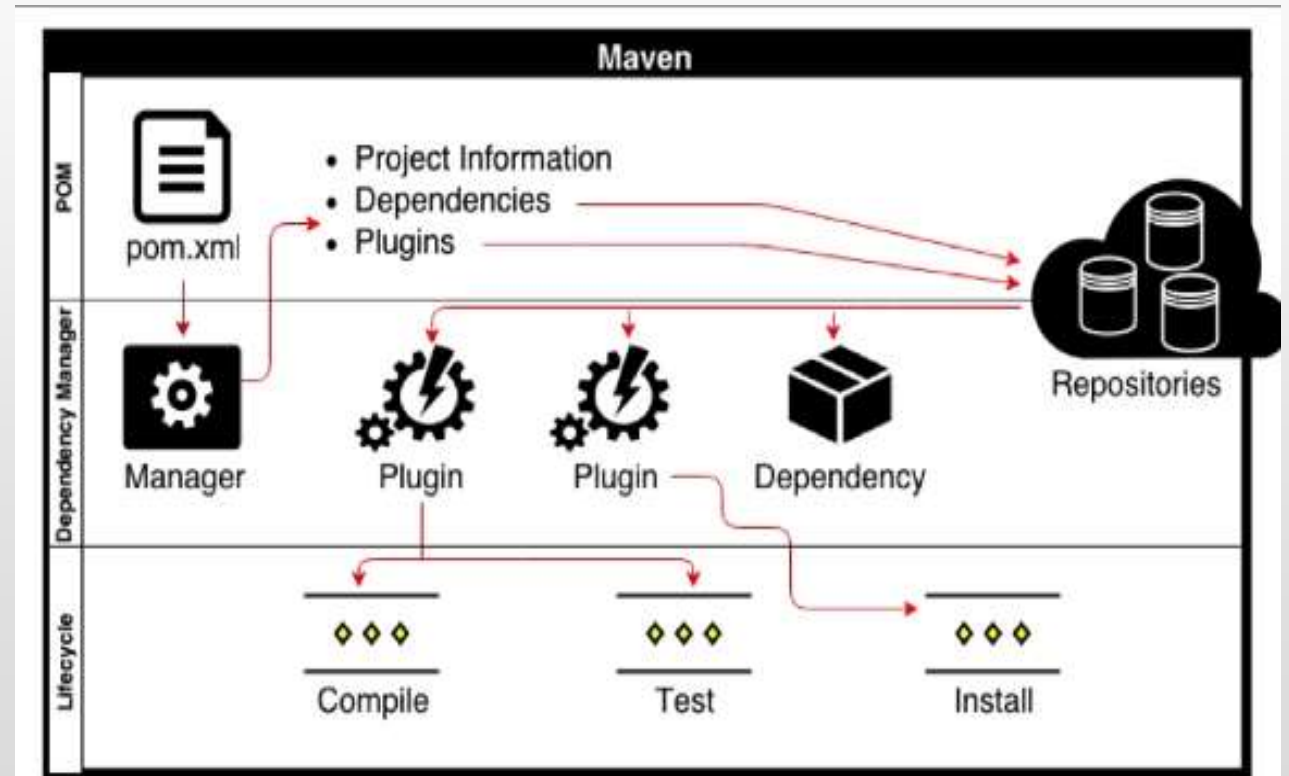
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Java

- **Java is an Object-Oriented Programming Language.**
- **It was developed by James Gosling and first released by Sun Microsystems in 1995.**
- **More than 3 billion devices run Java**

Maven

- **Maven** is an automation and management tool developed by Apache Software Foundation.
- It allows developers to create projects, dependency, and documentation using Project Object Model and plugins.



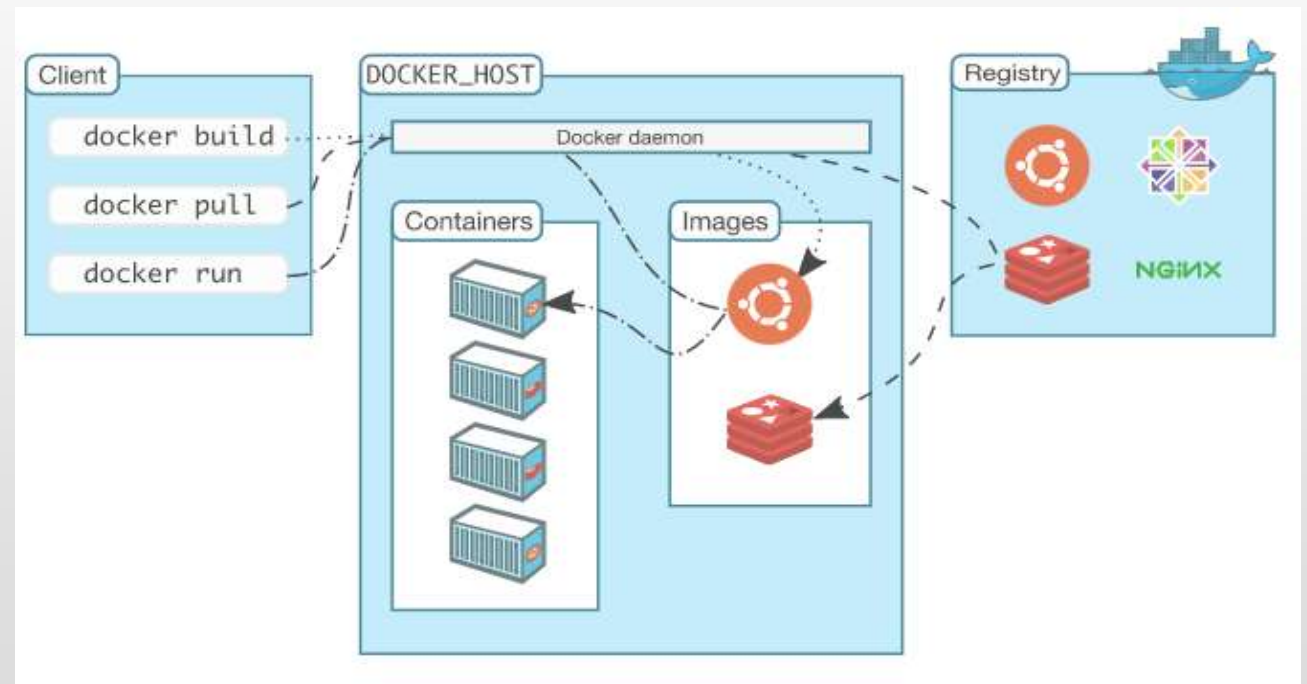
Spring Boot

- Spring Boot is an open-source Java-based framework used to create a micro service.
- It is developed by Pivotal Team and is used to build stand-alone and production ready spring applications.



Docker

- Docker is an open platform for developing, shipping, and running applications.
- Docker enables you to separate your applications from your infrastructure so you can deliver software quickly.
- Docker provides the ability to package and run an application in a loosely isolated environment called a container.



Mongo DB

- **MongoDB** is a document-oriented NoSQL database used for high volume data storage.
- Instead of using tables and rows as in the traditional relational databases, MongoDB makes use of collections and documents.

mongoDB.



Postman

- Postman is a computer application used for API testing. Postman sends an API request to the web server and receives the response, whatever it is.
- Using its simple and user-friendly interface, you can easily send requests, just fill in the required data, select the HTTP method, and hit the “Send” button.

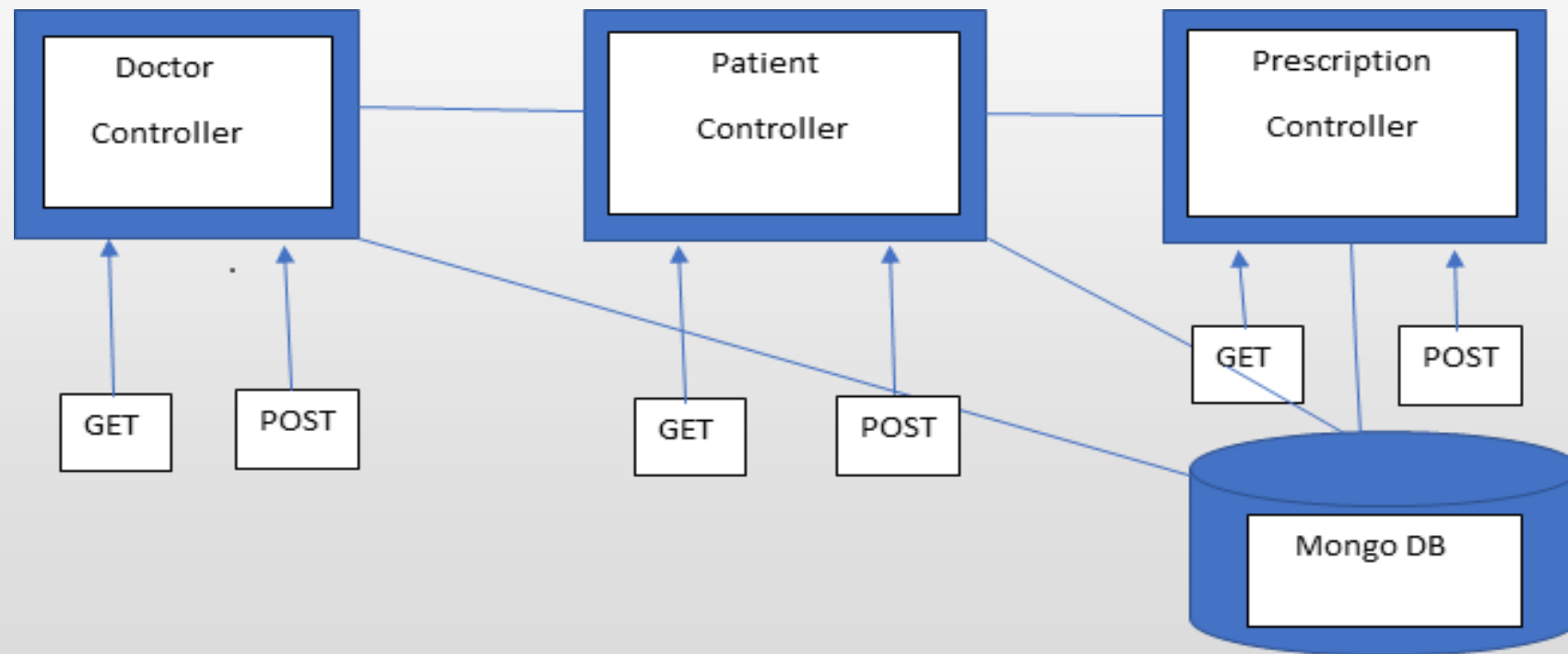


Swagger

- Swagger is a powerful yet easy-to-use suite of API developer tools for teams and individuals, enabling development across the entire API lifecycle, from design and documentation, to test and deployment.



Architecture



Architecture

- This application allows doctor to check and update the Appointment and Prescription.
- The Patient can also get his/her data.
- The User can check the data with Username and Password.
- The Doctor Controller, Patient Controller interact with Appointment repository to access the mongo DB database and the Prescription Controller with Prescription repository.

Use Case

This application can be used for-

- **ELECTRONIC MEDICAL RECORD KEEPING**
- **PHARMACY AND STOCK MANAGEMENT**

Thank You
