

GSD__Backend Architecture & Progress Report

Task	Completed By	Support Engineer (Support Dev.)	QA & Testing	Reviewer	Status
Backend System (HMS)	Syed ▾	Sagar ▾	Taiful ▾ Ridwan ▾	Syed	Under revi... ▾
Frontend System (HMS)	Sagar ▾	Ridwan ▾ Foyso ▾ Taiful ▾ Manjot ▾	Ridwan ▾ Taiful ▾	Syed	In progress ▾

- Topics we covered in Backend System

Folders Name	Files Name	Short Description
controllers	appointment.js auth.js department.js doctor.js patient.js team.js	Controllers are responsible for handling incoming requests and returning responses to the client.
db	connect.js	Connect to databases and perform different operations on them, such as update, insert, delete, and select. Each type of Database requires different configuration information.
middlewares	auth.js	Middleware in Node. js refers to a concept where functions can

		be used to process incoming requests before they reach their final destination and handle outgoing responses before they are sent back to the client
models	Appointment.js Department.js Patient.js Team.js User.js	Model: The model represents the data and the logic of the application. It is responsible for retrieving and storing data, and for performing any necessary calculations or logic.
routes	appointment.js auth.js department.js doctor.js patient.js team.js	Routing in Node refers to the process of determining how an application responds to client requests to different endpoints (URLs). In a web application, these endpoints typically correspond to different pages or functionalities within the application.
services	token.js utils.js	JSON Web Token is an open standard for securely transferring data within parties using a JSON object. JWT is used for stateless authentication mechanisms for users and providers, this means maintaining sessions on the client side instead of storing sessions on the server.

NOTE: It's our progress report from 23/04/2024 to 27/04/2024.