SUNSTONE

"Portfolio Website"

Task - 4

Portfolio Website

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Step-Wise Description

- **Introduction-** Introduce yourself and your goal for the website- Briefly describe the website's purpose and target audience
- **Database Modelling and Schema Design-** Describe how you modelled the data that will be stored in the database- Show the database schema that you designed for the website
- **MongoDB and Mongoose Schema Setup-** Explain how you set up the MongoDB local server and connected it to the backend- Describe how you created a Mongoose schema at the backend and ran test queries to set up the database
- **Creating APIs and Defining Routes-** Show the various APIs that you created to ensure data flow within the website.
- **Adding Authentication and Middleware-** Explain how you added authentication to the website to ensure that only authorized users can access sensitive information- Show the middleware that you added to verify user credentials and ensure that the user is authorized to access the requested data
- **Handling Requests and Error Cases-** Describe how you handled all possible cases with the requests to ensure that the website is robust and can handle unexpected situations- Explain how you checked for errors and edge cases and returned appropriate responses to the client

Summary of your task

In this presentation, I introduced myself and my goal for the portfolio website. I then discussed how I modeled the data that will be stored in the database, and showed the schema design that I created for the website. I explained how I set up the MongoDB local server and connected it to the backend, and described how I created a Mongoose schema at the backend and ran test queries to set up the database. Overall, the presentation highlighted the importance of database modeling and schema design for a portfolio website and demonstrated the steps involved in setting up the database using MongoDB and Mongoose.

The slide deck covers the backend development process for a portfolio website, including database modeling, schema design, API creation, authentication, middleware, and error handling. The slides highlight key steps in each stage of the development process, emphasizing the importance of a robust and secure backend for a portfolio website.

Submission Github

.https://github.com/JayasriMuruganantham