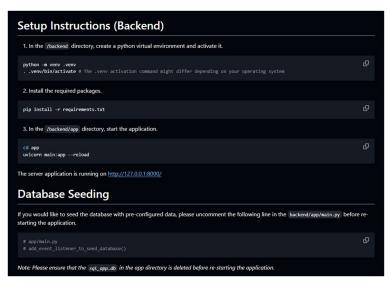
# **Documentations**

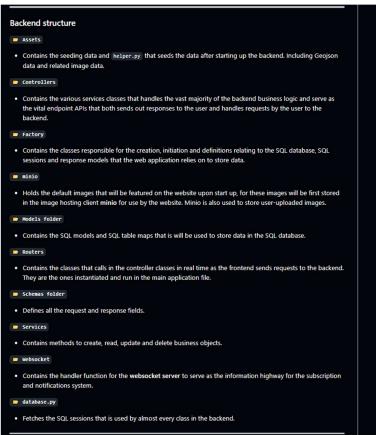
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#### **README**

Our repository contains detailed README files for both the frontend and backend modules. These documents serve as essential setup and development guides for future developers, promoting consistency in code practices and supporting ongoing maintenance efforts. The images illustrate selected content from these documents. The complete README files can be found on our GitHub repositories for the main, frontend, and backend components.





### **Code Comments**

To promote clarity and understanding across the codebase, we have implemented thorough inline comments throughout our source code. These annotations not only streamline team collaboration but also simplify the onboarding process for new contributors. Figures 2 and 3 highlight examples from our well-documented code, illustrating our approach to maintaining code transparency.

## **Backend API Documentation**

To facilitate seamless integration between frontend and backend development, we utilized FastAPI's built-in documentation tools to create an interactive API reference site. This site includes detailed route definitions, required inputs, and corresponding outputs, along with live request-response simulations.

Figure 4 shows the API documentation interface, while Figure 5 depicts a sample endpoint with its associated request and response formats.

For full access and setup guidance, refer to the API Docs Setup Instructions on our GitHub.

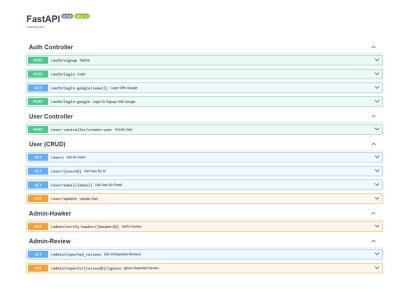


Figure 4: API documentation interface

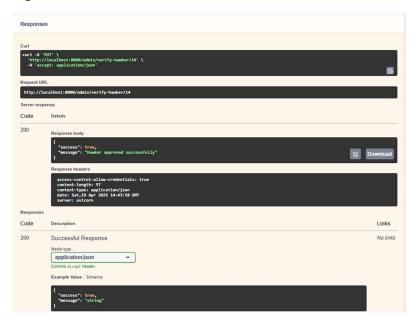


Figure 5: A sample endpoint with its associated request and response formats.