

Material Atlas for Coastal Construction

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PROBLEM

Moving the project to a state where users feel welcome involves adding functionality, categorizing, and archiving users and their data. Bringing the website to a stable state where users are accountable for their contributions, and data can be accessed by privileged users.

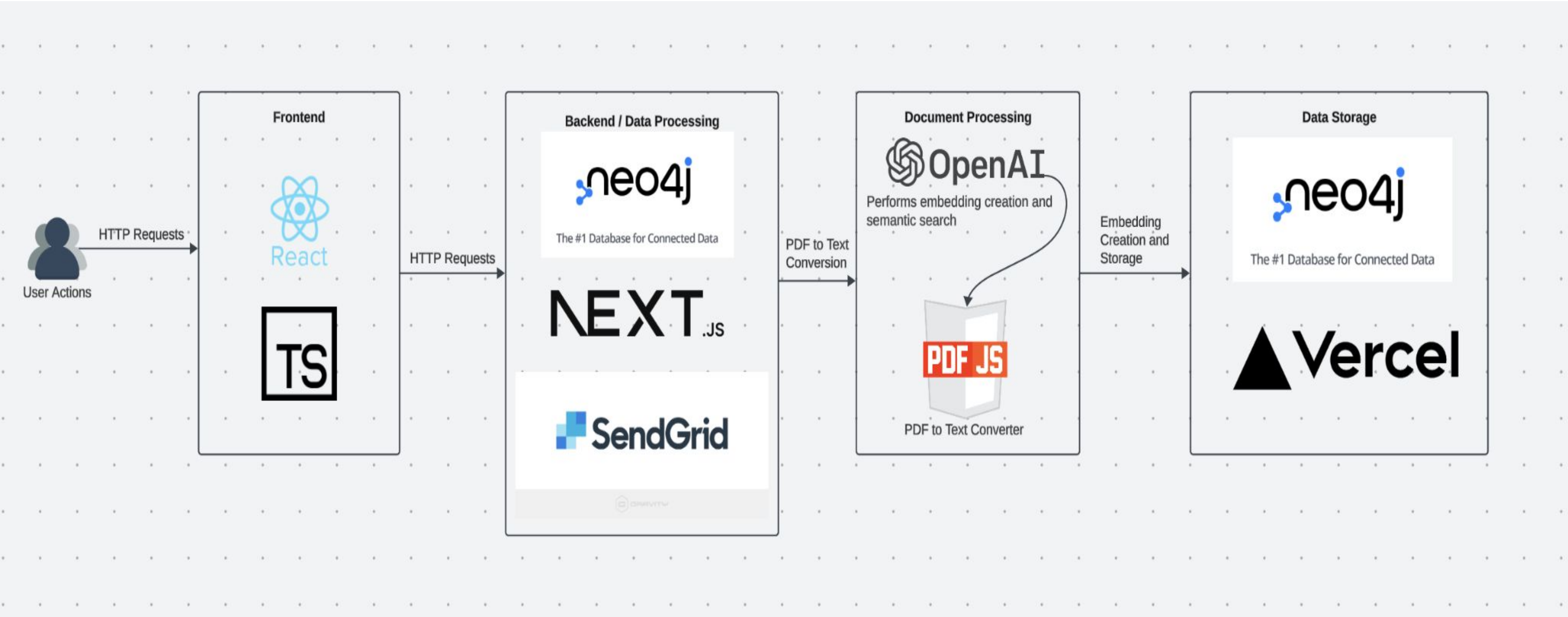
CURRENT SYSTEM

Project had an existing foundation from past teams. Our focus this term was to improve the functional capabilities of the project in the direction of user registration/login, security features and a more streamlined navigation throughout the website.

SUMMARY

Setting up server in Vercel for hosting and creating a Neo4j cloud database for storing website data. The purpose of the project is to create a platform for material scientists and engineers new to the field and more casual users to share information and resources to help develop coastal communities.

SYSTEM DESIGN



REQUIREMENTS

- **Data Extraction and Analysis:** Implement AI models to extract material data from research papers and present the data in tables and graphs
- **File Upload and Deletion:** Upload store and manage files for future uses
- **User Interface Design:** Update UI to fulfill the needs of the users

ACKNOWLEDGEMENT

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