Self Assessment
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My primary role in the Hackademia project involved managing the database and connecting it effectively with our application's frontend, as well as improving how users interact with our application through thoughtful design and helpful documentation. I used my background in computer science to set up a robust backend system, as a foundation for storing user data in future phases of the project.

At the beginning of the project, I focused on exploring and choosing new database technologies that would offer both growth potential and reliability. As the team member most familiar with these systems, I took on the responsibility of setting up the initial backend with node.js and integrating it with our frontend, which was developed using React. This task required a solid understanding of SQL and general coding experience.

As the project progressed, my responsibilities expanded to include significant input on the user interface by enhancing the visual design and interactivity of the application. I played a key role in selecting the color scheme, advising on font choices, and implementing engaging animations on the homepage to captivate users.

Another major contribution was creating detailed user manuals and PowerPoint presentations. The manuals I wrote included instructions and tips on how to use the application effectively, helping users understand and navigate our system easily. The presentation and posterboard were vital during the CEAS expo, allowing us to clearly demonstrate our progress and explain complex concepts.

This project also deepened my skills in integrating databases with user-facing interfaces and sharpened my abilities in frontend technologies such as CSS and JavaScript. The hands-on experience with managing a backend system enhanced my appreciation for the technical challenges involved in full-stack development.

By project's end, I had not only applied and expanded my technical skills but also gained new skills in user experience design and technical writing. Overcoming the challenges of linking complex backend solutions with user-friendly interfaces was tough but incredibly rewarding. Overall, my contributions were crucial in creating an educational tool that was both functional and visually appealing, leading to a successful project outcome.