

Self-Assessment

CS 5002: CS Senior Design II

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During the Senior Design project, my individual role focused on development, evaluation, and strategizing. I primarily handled the exercise and sleep module within the application. I effectively employed and expanded upon the skills identified in my initial assessment last year, such as collaboration, time management, communication, design, and more. Throughout the project, I contributed to the UI design concepts, features, algorithms, and data visualization for these two modules. Additionally, I reviewed the code submitted by other developers to the central GitHub repository. In doing so, I gained knowledge in JavaScript programming, database utilization, and front-end/back-end development.

My accomplishments in the project included exceptional data visualization and UI design. However, I encountered challenges such as limited experience, acquiring new knowledge, and implementing the application itself. To address these issues, I devoted considerable time to watching tutorial videos and learning JavaScript. This experience facilitated personal and professional growth, offering valuable insights into the inner workings of a web application after four months of dedication.

As a team, we successfully executed the application, incorporating most of the planned features. Throughout the project, we gleaned valuable insights about group dynamics, including the importance of mutual support and effective communication. Our team excelled in areas such as the recommendation system implementation and the overall application's outstanding UI design. However, we faced difficulties in time management and applying algorithms within the system.

In comparison to my teammates, I made a fair and meaningful contribution to the project. I would like to extend special recognition to David for their exceptional work on the exercise recommendation algorithm. Overall, our team demonstrated excellent planning and organization. This experience not only emphasized the significance of teamwork but also equipped us with valuable skills that will benefit our future careers.