**Project Report**

CSIS 3300

“Study Room Booking System”

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**Project Overview**

We created a web application that handles study room reservations by connecting the application to a database with the help of user accounts.

**Framework**

An application development needs a solid foundation in order to make sure that the process goes smoothly and can reach development milestones within the desired timeline. For this, it is better to work out problems in the earlier stages.

Here are some highlights of the process:

* Functionality and content
* Database and coding (HTML, CSS, Java, etc)
* Wireframes, the structure of the application
* User Experience and User Interface, or UX and UI

**Development**

At this point, we are focusing on the creation of the application so the process will be time-consuming and laborious. We will work out all the necessary details that need to be put in the application itself. Once the development stage is completed, we will start the testing phase.

Our application will focus on capabilities such as:

* Simple, compact and user-friendly UI
* Easy registration

**My Contribution & Experience**

In order to make sure this project development proceed smoothly within the desired timeline, our team had to split our roles correctly. This is not as easy as it sounds because there are only two of us. We agreed that I would handle the design of UI/UX with HTML, CSS while occasionally help with the database side of the spectrum. This does not mean I exclusively handle the design.

In this project I had to look back on what I learned about HTML and CSS and incorporate that knowledge to the web application that we are making. In addition, I also learned about connecting a webpage with a database and that is a very useful knowledge to have. I also did some queries to both draw and update data from the database to the HTML pages.