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CS 3380: Introduction to Databases & Information Systems

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Final Project: Phase 1

1. Problem Statement: I plan to build a database system that contains user information for a website. The website will serve as a virtual planner and will include a calendar feature, but it will be designed specifically for students. Therefore, it will include attributes such as the classes a student is taking and the assignments they have. The database for this project is essential because there will be a large amount of data that will dynamically alter the page depending on who the user is and what their schedule looks like. A database system is a much better alternative to storing user information in a file, as it is extremely efficient in comparison and efficiency is important to make sure the page does not take a long time to render.
2. Conceptual Database Design: