**CS 255 System Design Document Template**

This template lays out all the different sections that you need to complete for Project Two. Each section has guidance to prompt your thinking. You will need to continually reference the interview transcript as you work to make sure that you are addressing your client’s needs. There is no required length for the final document. Instead the goal is to complete each section based on what your client’s needs are. Remove this note when you are finished, and replace all bracketed text with the relevant information.

**UML Diagrams**

**UML Use Case Diagram**



**UML Activity Diagrams**





**UML Sequence Diagram**



**UML Class Diagram**



**Technical Requirements**

**Server Infrastructure**: Robust servers capable of handling concurrent user requests for the web-based system.

**Storage**: Sufficient storage capacity to store user data, appointment records, online class materials, and system logs.

**Computer:** A desktop or laptop computer with sufficient processing power, memory, and storage capacity to handle administrative tasks efficiently.

**Internet Connectivity**: Reliable internet connection to access the web-based system, communicate with users, and perform online tasks.