# 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

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### UML Class Diagram



## Technical Requirements

*Hardware Requirements: Dell Server with terabyte SSD’s*

*Network ethernet cabling*

*Power cabling*

*Accessories: Monitor, keyboard and mouse*

*Desktop PC*

*Software Requirements: Windows and Linux OS*

*Software as a Service(SaaS)*

*Website for DriverPass*

*DriverPass application*

*Web Browser(Chrome and Firefox)*

*Security software with anti-virus protection*

*Software Tools: Programming software (Java, C++, Javascript)*

*Programming IDE ( Eclipse, Visual Studio)*

*Network monitoring tools (Wireshark, SolarWinds Network Performance Monitor)*

*Infrastructure: Data Center – Cloud Service Provider – AWS*

*Reliable Power source*

*Internet Service Provider (ISP)plan*