# 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

*Chart, diagram

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### UML Activity Diagrams

Diagram

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### UML Sequence Diagram

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### UML Class Diagram

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## Technical Requirements

* The system shall validate user credentials when logging in
* The system shall lock the user account when notified of a hacking attempt
* The system shall allow the user to reset password using two-step verification
* The system shall create reports that can be downloaded by the admin
* The system shall give specific permissions for each user that are set by the admin
* The system shall allow the admin to reset and delete accounts
* The system shall track reservation information and create a report for this information
* The system shall allow users to make reservations by day and time
* The system shall identify the driver, car, and customer scheduled together
* The system shall allow users to cancel and modify appointments
* The system shall allow admins to customize packages
* The system shall allow admins to disable packages
* The system shall provide contact information to the user if they need assistance