# CS 255 System Design Document Template

## UML Diagrams

### UML Use Case Diagram



### UML Activity Diagrams





### UML Sequence Diagram



### UML Class Diagram



## Technical Requirements

DriverPass is a small company and it would be both the most cost effective and simplest work burden for them to utilize a hosted application service rather than managing the infrastructure in-house. This way, the IT manager can focus on upkeep of the site in addition to his other duties. AWS web hosting may be a good choice as they are able to offer hosting services for a reasonable price due to their market share, and they have a number of different configurations and add-ons that DriverPass can utilize to protect the site and store student data. Using a hosting service will also allow them to easily add redundancy to the infrastructure so they can ensure if there is a service incident the site can be spun up from another location.