**Task List**

**Server**

Setting up the central server for the application, receiving data from the camera/laser and storing it in a database, responding to data requests from the mobile application.

**Beam/Laser System**

Physically setting up the beam/laser system in the environment, sending information over WiFi, determining whether or not a car has passed in/out of the parking lot, running tests.

**Camera System**

Physically setting up the camera in the environment, sending an image over WiFi, determining the number of cars in the parking lot given an image (image recognition), running tests.

**Mobile Application**

Developing the accompanying Android mobile application that students/faculty will use to view open parking spaces.