

ELEC 390/49X Project Outline

Section 1) This section is to be filled by the students:

Project title: Parking Assistant Complex Using IoT

Group #: 25

Group members:

1. William Du
2. Andy Li

1. Problem hypothesis

People spend too much time on parking rather than the actual event. Creating a parking complex will be extremely beneficial to businesses and people alike. This problem is worthwhile because people spend extreme amounts of time looking for parking spaces, regaining this lost opportunity can result in reduced government spending and increased foot traffic.

2. Solution hypothesis (50 words max)

Explain very briefly your solution to the problem and how the system would work.

Our solution is to incorporate IoT aspects to a parking complex in order to reduce the time needed to find a parking spot. This would include sensors on parking spots to check if a parking space is taken, and a monitor at the entrance to assign parking spots to visitors.

Section 2) This section is to be filled by the supervisor:

Supervisor Agreement:

I, Prof. __IL-MIN KIM have agreed to supervise this team/project.

Supervisor Signature: __

_____ **Date:** _8 March 2021_____