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# Capstone Meeting Minutes

**Attendance** Farhan Rahman, Wyatt Thomson, Huy Bui, James Jo, Aleksa Svitlica (Note Taker)

**Regrets** None

## 1 Old business

### 1.1 Follow up on old ideas

- Certain ideas like the satellite and vanta black are probably out of consideration.
- We have decided to shelf the telepresence robot for the time being and focus on the self driving car network
- Self driving car network using zigbee. Each car could be a node in a peer to peer network.
- We need to do cost analysis for the hardware of the cars. They each need wheels, a processor and radio module at least.
- Security is not built into zigbee, therefore if we decide to use zigbee we will need to implement some basic encryption.

## 2 New business

### 2.1 Proposal

Our sample proposal should be structured roughly like this:

- Title
- Abstract
- Outline of research (citations) to show it is feasible
- Outline of technology and hardware we are being used.
- What we would be working on and how we are dividing these tasks.

### 2.2 Roadmap

- We still need to create a roadmap. Perhaps something like a Gantt chart if we want a strict structure or something less formal.
- Farhan has added some rough dates on Slack.

## 3 Actions to be taken

### 3.1 High Priority

- None

### 3.2 Low Priority

- **Everyone:** Autonomous guidance research. Path routing. Collision detection.
- **Everyone:** Zigbee research. Implementing neural networks.

**Meeting ended at 2:00.**