

**EE/CE 4388: Senior Design I**

**Summer 2021**

**Submission Date: July 2th, 2021**

***A. Last Meetings Action Items***

1. Mentors confirmed our MAX78000 compatibility with ARM gpu.
2. Mentor provided us with information on enabling X11 forwarding when using ssh with windows 10.

***B. Weekly Progress Report***

1. Presented notes over the MAX78000 introduction, demos, and articles with mentors.
2. Assigned members into embedded development and software development teams.
3. Created a virtual machine for Ubuntu, installed VIM on the VM, and in the process of enabling ssh to VM.
4. Embedded developers download Maxim Micro SDK and PuTTY.
5. A Github repository was made and all members were added.
6. Installed required tools for Machine Learning.
7. Mentors confirmed our MAX78000 compatibility with ARM gpu.
8. Mentor provided us with some info on enabling X11 forwarding when using ssh with windows 10.
9. Installed python + pytorch w/ anaconda

***C. Achievements and Concerns***

1. Scheduled multiple workshops throughout the week.

***D. Additional Remarks***

1. Goal by next meeting: Have SSH running properly to enable remote access to Ubuntu machine.
2. Goal by next week: Create a custom data loader to import our own images to create our own dataset. Then train