# <u>Team Charter</u>

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## Team Goals

- Design and implement a novel project idea.

- Enhance existing knowledge pertinent to hardware and software.

- Complete project in the required time frame.

- Build a strong foundation of teamwork skills.

- Apply the theoretical knowledge we have learned in class to real-world applications.

- To grow together as a team and deliver the project successfully.
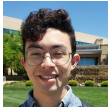
## Team Name/Logo
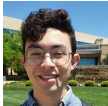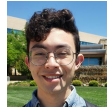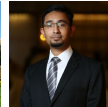


## Team Management

Internal team communications will be handled via Microsoft Teams (MS-Teams). Furthermore, our team leader will allocate tasks to all the team members based on their relevant skills and expertise. We will hold a team meeting on a weekly basis to make sure each member shares his/her progress.
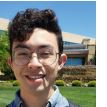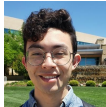
All project version control and edits to existing materials will be handled through GitHub to accommodate asynchronous work. A repository will be maintained which contains hardware design specifications, including a bill of materials (BOM) and design log, as well as project source code.

# Deepcut

## Team Capabilities

| | | | |
|---|---|---|---|
| PCB Design | | Python Programming | |
| Microcontroller Programming | | Matlab Programming | |
| IoT Design | | Java/JavaFx Programming | |
| Soldering | | C++ Programming | |
| Speech Processing | | Machine Learning | |