

Motor Control Progress Report #2

Skittle Sorter Project

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Problem:

- With the limitations of being a remote organization, and much of our work being done in software, we need a way to collaborate effectively and in an organized manner
- With separate teams working on different systems, it is necessary to communicate our designs to one another to fit them together and avoid conflicts

Research:

- While organizing my section of the newly formed GitHub page, I researched the formatting of a .gitignore file to exclude object files and other unnecessary files from being pushed to the repository and cluttering the filesystem.
 - <https://git-scm.com/docs/gitignore>

Action:

- Created a design document for the universal motor controller (UMC) including inputs and outputs to act as a reference material for myself and other teams
- Created a development document to communicate my progress
- Uploaded current code to GitHub, and organized folders
- The following commits were made:
 - Created design document for UMC
 - Uploaded project code to GitHub
 - Added development document
 - Organized and configured .gitignore

Value:

- Using team-oriented development tools encourages others to do the same, and fosters consistent progress and activity within the organization
- Creating design documentation allows others to interface with your section of the project easily
- Communicating progress, and maintaining a history, lowers the barrier of entry for newcomers to the team