**Executive Summary: Powder Scale and Dispenser**

ECEN 399

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4/3/2022

# Technical Contributions

I worked on the functionality and rough layout of the user interface.

# Team Contributions

I was an effective team member. I always made time to make progress on my assigned parts of the project.

# Final Report Contributions

I wrote the documentation for the software part of the final report. I also made significant efforts to comment the code for those who come after us.

# Suggestions for Future Work on the Project

Some planned features of the user interface were not fully implemented.

# Time Table

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| --- | --- | --- |
| **Week** | **Hours** | **Major Task** |
| Week 1 |  | Project selection |
| Week 2 | 4 | Database research, UI mockup, tkinter research |
| Week 3 | 11 | UI number pad, UI design and mockup |
| Week 4 | 12 | Initial UI module implementation |
| Week 5 | 14 | Keyboard research and implementation |
| Week 6 | 14 | Load page, home page, remake homepage |
| Week 7 | 13 | Load page, save page, settings page |
| Week 8 | 13 | Save page, settings and sub settings pages |
| Week 9 | 13 | Connect UI to backend, View page |
| Week 10 | 13 | Setting sub pages and save page to backend, pseudo backend |
| Week 11 | 13 | Settings sub pages to backend, merge codebases |
| Week 12 | 11 | Finalize layout, comments, test backend |
| Week 13 | 12 | Comments, documentation, report, presentation |
| **Total** | **143** |  |