| **sdmay23-43: Con-sea-erge**Week 7 ReportNovember 4 - November 11**Team Members**Melanie Fuhrmann  *— Client interaction/ Frontend app dev*Nathan Paskach  *— Firmware design*Sarah Degen  *— Meeting note taking, circuit design*Adan Maher  *— Organization, Cyber Security*Brandon Mauss  *— Component Design*Isabella Leicht  *— Aquatic care, Cyber Security*Jack Croghan  *— Software Component Design* **Summary of Progress this Report**Over the past week, our team has developed our testing plan and documented it, began working on the circuit board for our first prototype, added our project to the Git repository, began connecting databases to the backend of our application, and began developing our team website.**Pending Issues**Currently, we are working to continue developing the application, developing the circuit board further to incorporate a feeding mechanism, waiting for the Iowa State IT Solution Center to get back about the role we wish to create, and continue building the team website.**Plans for Upcoming Reporting Period**For the upcoming reporting period, we plan on addressing the issues mentioned as well as beginning preparations for our semester presentation which we will be running through with Dr. Fila when we get back from fall break.**Individual Contributions**

| **Team Member** | **Contribution** | **Weekly Hours** | **Total Hours** |
| --- | --- | --- | --- |
| Melanie Fuhrmann | Testing Doc. Worked on setting up flutter project and adding it to the git repo. Checked out a Macbook for iOS development. | 5 | 0 |
| Nathan Paskach | Helped solder together the prototype, wrote firmware for testing | 7 |  |
| Sarah Degen | Testing doc, circuit building and feeder design creation with Nathan and Brandon | 4 | 0 |
| Adan Maher | Worked on the testing document, began work on the team's website | 3.5 | 0 |
| Brandon Mauss | Worked with Nathan and Sarah to build the circuit and work on feeder design. Worked on the 3D modeling for our new designs. | 7 | 0 |
| Isabella Leicht | Assisted with testing document | 2 | 0 |
| Jack Croghan | Worked on the testing doc and worked on connecting a database to the backend. | 4 | 0 |
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**Gitlab Activity Summary**

Nothing to report.