

sEE/CprE/SE 492 WEEKLY REPORT 2

02/05 - 02/12

Group number: sdmay26-27

Project title: MYSTEM Growth Survey Tool

Client & Advisor: Dr. Diane Rover

Team Members/Role:

Nina Gadelha: Cybersecurity Developer

Caleb Hemmestad: Frontend/Backend Developer

Ethan Buenting: Backend/Cloud Developer

Ethan Van Caster: Frontend Developer

Sam Craft: Backend Developer

Ryan Mamrot:

○ **Weekly Summary**

- Demoed current changes to clients
- Created Progress Tracker Sheet
- Talked about changes needing to be made before user testing

○ **Past week accomplishments**

- **Nina Gadelha**
 - Continued fixing conflicts in merge preparation
 - Work on Matching GUI to current website look
 - Demo video planning
 - Work on presentation slides
- **Caleb Hemmestad**
 - Worked on fixing bugs from previous work
 - Started working on implementing new PC view
 - Fixed problems with getting development testing to work with DO
 - Worked on fixing git to stop tracking node_modules and .env files
- **Ethan Buenting**
 - Implemented changes to the database to allow for user-program connections to go from many to one > many to many
 - Updated backend controllers and service to handle the changed object type declaration
 - Working on frontend changes to properly address changed objects
- **Ethan Van Caster**

- Created a local environment for development for the DigitalOcean db
- Finalized graph data selection feature
- Started to plan changes to Graph display based on feedback
- **Sam Craft**
 - Created local environment for production db
 - Fixed and updated local instance of project to work with local db
 - Removed duplicate question from the survey
 - Worked on removing duplicate data associated with the duplicate question
- **Ryan Mamrot**
 - Worked on improving UI consistency across newly created pages to better align with the overall website design and user experience.
 - Reviewed and helped refine GitLab issues to ensure tasks were well-defined, properly scoped, and aligned with team priorities.
 - Began working on GitLab issues.
- **Pending issues**
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○ Individual contributions

NAME	Individual Contributions	Hours this week	HOURS cumulative
Nina Gadelha	<ul style="list-style-type: none"> ● Fixing merge conflicts ● GUI work ● Demo video planning ● Work on presentation slides 	6	10
Caleb Hemmestad	<ul style="list-style-type: none"> ● Bug fixes ● Started new PC view ● Development testing fixes ● Git fixes 	6	11
Ethan Buenting	<ul style="list-style-type: none"> ● Updated user object table ● Updated backend for object ● Fixing frontend to address updates 	7	14
Ethan Van Caster	<ul style="list-style-type: none"> ● Graph data picker feature ● Tested new graph feature ● Planning graph display updates 	5	8
Sam Craft	<ul style="list-style-type: none"> ● Created local test db ● Fixed local project ● Removed duplicate question ● Removing duplicate data 	6	10
Ryan Mamrot	<ul style="list-style-type: none"> ● Improved UI consistency ● Refined GitLab issues ● Began GitLab issue work 	5	9

- **Plans for upcoming week**
 - **Nina Gadelha**
 - Continue merge fixing
 - Finish GUI matching
 - Update spreadsheet (personal progress)
 - Presentation Rough Draft?
 - Improving Design Document (for final version)
 - **Caleb Hemmestad**
 - Continue working on PC view
 - Get main pc view to display real information from the database
 - Get started on the next task for the PC view issue
 - **Ethan Buenting**
 - Finish fixing current frontend functionality for the DB change
 - Implement a card view to allow student users to select between programs
 - Tidy up some changes discussed with client for front page
 - Start working on partial saving
 - **Ethan Van Caster**
 - Change the graph display based on feedback and reassess
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 - **Sam Craft**
 - Finish removing duplicate data from the db
 - Redo math for questions to verify correctness and add resolution
 - **Ryan Mamrot**
 - Continue working on gitlab issues
 - Try to come up with possible frontend UI improvements
 - Review and implement frontend feedback from team or client
- **Summary of weekly advisor meeting**
 - This week we demoed new features including the changes made to the graph display and updates to the Program Coordinator view. In addition to the demo, we discussed some changes to the current pages of the application to clean up the student view and make it easier to navigate. The team is also starting to gather up some screenshots of the current state of the application to give to Dr. Rover for a paper she is putting together.