

sEE/CprE/SE 492 WEEKLY REPORT 1

01/29 - 02/05

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:

Sam Craft: Backend Developer

Ryan Mamrot:

○ **Weekly Summary**

- Demoed current changes to clients
- Completed “Instructor Review Meeting”
- Discussed plan moving forward for this semester
- Adjusted member roles and assignments for this semester
- Began planning additional testing timeline, such as larger scale user testing

○ **Past week accomplishments**

- **Nina Gadelha**
 - Started to resolve conflicts in git (in attempt to push changes to deploy to site)
 - Began work on slides for presentation
 - Reviewed “User Feature” Document
 - Began styling changes to eventually present and get feedback
- **Caleb Hemmestad**
 - Created milestone, with detailed issues and tasks, for integrating the updated PC view into the current app on GitLab
 - Worked on creating the updated gantt chart for this semester
 - Began work on the first issue for the my milestone created by completing tasks within the issue
- **Ethan Buenting**
 - Created a repository mirror to automate the workaround created for the Digital Ocean CI/CD
 - Updated the package.json files for additional requirements that were added after

- the original Digital Ocean deployment
- Did some cleaning in the repository; removed many files that were needed for the AWS host and are no longer used
- Disabled the AWS application but left it on the host while waiting for ETG to reply to email
- **Ethan Van Caster**
 - Shared and responded to the U of Iowa team about their qualtrics survey on the tool
 - Started working on giving data options for the results graph
- **Sam Craft**
 - Read through the data the University of Iowa team gave to us based on the questions we had.
 - Used data to create issues in GitLab for problem they would like fixed
 - Looked into how to copy DigitalOcean database to not destroy the production database
- **Ryan Mamrot**
 - Reviewed recent frontend and deployment-related changes to stay aligned with the team's direction and upcoming presentation goals
 - Assisted with checking UI styling and layout consistency in preparation for presenting features and gathering feedback
 - Looked over GitLab issues and milestones to understand current priorities and where frontend or UI work may be needed next
 - Communicated with teammates to clarify progress on deployment, data visualization, and survey-related updates
- **Pending issues**
 - Waiting on ETG to inform the group on how to handle the AWS server, whether they want to delete the account or shut it down internally but keep the account open.

○ Individual contributions

NAME	Individual Contributions	Hours this week	HOURS cumulative
Nina Gadelha	<ul style="list-style-type: none"> ● Begin resolving conflicts ● Some styling changes ● Began work on presentation ● Reviewed Documents from last semester 	4	4
Caleb Hemmestad	<ul style="list-style-type: none"> ● Added to GitLab Issues ● Created updated Gantt Chart ● Started work on first issue (Check GitLab for more details) 	5	5
Ethan Buenting	<ul style="list-style-type: none"> ● Created Repository Mirror ● Updated Package.json ● Cleaned out old files from repository ● Temporarily disabled AWS 	7	7
Ethan Van Caster	<ul style="list-style-type: none"> ● Responded to Uofl team ● Created dropdown options for result data 	3	3
Sam Craft	<ul style="list-style-type: none"> ● Read through U Iowa team reports ● Added GitLab Issues ● Read through Digital Ocean database forking 	4	4
Ryan Mamrot	<ul style="list-style-type: none"> ● Reviewed frontend and deployment updates ● Assisted with UI styling checks ● Reviewed GitLab issues and milestones ● Communicated progress with teammates 	4	4

- **Plans for upcoming week**
 - **Nina Gadelha**
 - Continue resolving conflicts
 - Format new created pages to reflect website UI
 - Create “rough draft” for presentation
 - Review “User Feature” document with client and create a list of TODO features (ranked)
 - Review/edit Design Document to present
 - Make spreadsheet for client viewing progress
 - **Caleb Hemmestad**
 - Continue to complete tasks relating to my first issue
 - Review notes from last semester to focus on things that I might have forgotten
 - Push changes for my current issue and get started on my next issue
 - **Ethan Buenting**
 - Resolve issues with the Digital Ocean DNS
 - Start work on the save partial survey feature
 - Add flag to database for complete/incomplete
 - If user has not completed within 1 week, remove or have user start new
 - Add button to save and complete later
 - **Ethan Van Caster**
 - Finish updating the results graph feature
 - Look into and start working on updating the results graph to show data numbers, have graph lines and reformat so data points don't interfere with the page
 - **Sam Craft**
 - Continue to add and expand issues after another pass of the new information
 - Work on forking the current production database to have a test bed
 - Start work on issues in GitLab
 - **Ryan Mamrot**
 - Work on improving UI consistency across newly created pages to better align with the overall website design and user experience.
 - Assist with preparing and refining presentation slides to clearly communicate project progress and upcoming features.
 - Review and help refine GitLab issues to ensure tasks are well-defined, properly scoped, and aligned with team priorities.
 - Start working on git issues
- **Summary of weekly advisor meeting**
 - Presented Gantt chart and talked about using gitlab issues
 - Made a timeline for user testing
 - Discussed features TODO and collaboration on said features
 - Talked about reworking graph display
 - Plan to demo deployed features next meeting