

## *sEE/CprE/SE 491 WEEKLY REPORT 7*

*11/04 - 11/11*

*Group number: sdmay26-27*

*Project title: MYSTEM Growth Survey Tool*

*Client & Advisor: Dr. Diane Rover*

### *Team Members/Role:*

**Nina Gadelha:** Cybersecurity Developer/Pentesting

**Caleb Hemmestad:** Backend/Cloud

**Ethan Buenting:** Backend/Cloud

**Ethan Van Caster:** Developer/Client Contact

**Sam Craft:** Developer/Tester

**Ryan Mamrot:** Developer/Tester

### ○ **Weekly Summary**

- Met with clients to discuss our roles/progress
- Discussed upcoming presentation during weekly meeting
- Work on features (individually)
- Cloud transition (AWS → Digital Ocean)
- Updated Demo UI with client feedback

### ○ **Past week accomplishments**

#### ● **Nina Gadelha**

- Continue work on Delete User Feature
- Started looking into Nav bar alternatives (hamburger menu, pop-ups, etc.)
- Brainstorming ideas for Demo video on about page (future implementation plans)
- Planned a meeting with Dr. Rover (next week) to continue going over User Feature Documentation

#### ● **Sam Craft**

- Looked through backend for other potential issues with Digital Ocean switch
- Created duplicates of files for testing

#### ● **Caleb Hemmestad**

- Updated demo UI with client/advisor feedback
- Added slides and new docs to the project website
- Got feedback from the client/advisor and made improvements to the demo UI

#### ● **Ryan Mamrot**

- Logged in to Digital Ocean to begin preparing for the transition.
- Reviewed what changes were needed to support the move to Digital Ocean.
- Continued working on frontend updates and general improvements.
- **Ethan Buenting**
  - Finalized billing for Digital Ocean with Dr. Rover and Mr. Boyd the morning of the 11th.
  - Created the App Platform on Digital Ocean, started the import from Git
    - Had some technical difficulties with it being from the ISU Git but is a W.I.P.
- **Ethan Van Caster**
  - Finished pages 1-4 of the survey to have mobile support
  - Adapted survey answer items to show each step values

○ **Pending issues**

- No pending issues

○ **Individual contributions**

NAME	Individual Contributions	Hours this week	HOURS cumulative
Nina Gadelha	<ul style="list-style-type: none"> <li>● Work on delete user</li> <li>● Looking into/basic design of nav bar alternatives</li> <li>● Started work on Demo Video (planning, not implementation)</li> <li>● Planned Meeting with Rover to discuss User Features</li> </ul>	6	39
Sam Craft	<ul style="list-style-type: none"> <li>● Looked through backend for AWS/DO transition issues</li> <li>● Created duplicates of files</li> </ul>	5	30
Caleb Hemmestad	<ul style="list-style-type: none"> <li>● Researched how tokens and cookies work together</li> <li>● Worked on middleware</li> <li>● Updated demo UI</li> <li>● Added docs to website</li> </ul>	5	40

Ryan Mamrot	<ul style="list-style-type: none"> <li>● Logged in to Digital Ocean</li> <li>● Reviewed what changes needed to be made for transition to Digital Ocean</li> <li>● Continued frontend updates</li> </ul>	7	38
Ethan Buenting	<ul style="list-style-type: none"> <li>● Finalized payment method and got approval for DO</li> <li>● Created the App Platform, started on importation of the application</li> </ul>	4	35
Ethan Van Caster	<ul style="list-style-type: none"> <li>● Finished confidence answer small screen support</li> <li>● Finished likelieness answer small screen support</li> <li>● Added slider options to display values of each possible answer</li> </ul>	5	32

○ **Plans for the upcoming week**

- Nina Gadelha
  - Finish Delete User Feature?
  - Work on student panel presentation (slides)
  - Continue planning Demo video
  - Meet with Rover to discuss User features
  - Push work to production (if we can get Cloud and CI/CD up and running)
  - Work on next part of Design Doc
- Sam Craft
  - Verify all questions are correctly in the database
  - Make sure the math is being done accurately
  - Update question database to correct any flaws
- Caleb Hemmestad
  - Work on getting tokens working with cookies and database
  - Finish current middleware implementation
  - Test and deploy middleware
  - Continue with ideas for improving program coordinator UI
- Ryan Mamrot
  - Continue working on updating UI
  - Help with checking the survey tool matches the original survey
  - Help with checking that the survey result calculations are mapped correctly and

calculated properly

- Ethan Buenting
  - Import the Application from Git.
  - Upload the dumped databases DO so we can carry over progress from last two summers
  - Set up CI/CD tunnel
- Ethan Van Caster
  - Finish survey items
  - Give small screen behavior for top and bottom banners/ logo

○ **Summary of weekly advisor meeting**

Reiterated our roles and responsibilities by presenting our contributions thus far. We got an update regarding Digital Ocean access (coming soon), and discussed a bit about our future presentation to the student panel.