

## *sEE/CprE/SE 492 WEEKLY REPORT 5*

*03/12 - 03/26*

*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:** Developer

### ○ **Weekly Summary**

- Talked about DNS changes
- Worked on continuing to make changes to the app
- Continued work on the design doc
- Completed other important documentation
- Discussed ways for testing the app

### ○ **Past week accomplishments**

#### ● **Nina Gadelha**

- Work on new format of Design Document (80% done)
- Continued working on final presentation
- Demo video planning done
- Continued feature/user testing

#### ● **Caleb Hemmestad**

- Added some styling to the app
- Updated resource library with search bar and new buttons
- Made some changes to the program view
- Changed the way a program is added
- Made demographic info adjustable after making program
- Worked on pending items page
- Looked into other possible ways to fill empty space and add style

#### ● **Ethan Buenting**

- Researching cloudflare options for DNS hosting, also briefly looking into

- alternatives
- First draft of cross-program results done, working on bug fixes
- Work on saving partial survey progress
- **Ethan Van Caster**
  - Worked on changing the checks on sending incomplete survey data to the backend
  - Updated pages to have less questions
- **Sam Craft**
  - Started cleaning up database in local instance
  - Work on requested data saving format
  - Worked on some basic survey testing
- **Ryan Mamrot**
  - Finished implementing a global error boundary across the frontend to improve error handling and application stability
  - Completed the implementation of standardized error responses to ensure consistent messaging and debugging across the application
  - Began reviewing and organizing content to add relevant information to the Final Presentation and Final Deliverables
- **Pending issues**
  - No pending issues

○ Individual contributions

NAME	Individual Contributions	Hours (past 2 weeks)	HOURS cumulative
Nina Gadelha	<ul style="list-style-type: none"> <li>● Design Document reformatted + reworking</li> <li>● Final presentation work</li> <li>● Demo video planned</li> <li>● User testing</li> </ul>	14	48
Caleb Hemmestad	<ul style="list-style-type: none"> <li>● Program view changes</li> <li>● Resource library changes</li> <li>● Program view changes</li> <li>● Adjustable demographic requests</li> <li>● Worked on pending items</li> </ul>	12	53
Ethan Buenting	<ul style="list-style-type: none"> <li>● Working on Cloudflare cost proposition for ETG</li> <li>● Work on Partial Survey Saving</li> <li>● Work on Cross-Program Results</li> </ul>	10	48
Ethan Van Caster	<ul style="list-style-type: none"> <li>● Updated survey results protocol to help with saving partial survey</li> <li>● Restructured survey pages</li> </ul>	10	43
Sam Craft	<ul style="list-style-type: none"> <li>● Local database cleaning</li> <li>● Data export formatting work</li> <li>● Basic Survey Testing</li> </ul>	9	41
Ryan Mamrot	<ul style="list-style-type: none"> <li>● Implemented global error boundary</li> <li>● Standardized application error responses</li> <li>● Began final presentation planning</li> </ul>	16	52

- **Plans for upcoming week**
  - **Nina Gadelha**
    - Finish design doc (- diagrams)
    - Finish final presentation
    - “Present” presentation to Dr. Rover @ next meeting
    - Conduct user testing with students
  - **Caleb Hemmestad**
    - Finish up pending issues
    - Add some more simple style changes
    - Update endpoints to update additional info
    - Test things to make sure everything works
  - **Ethan Buenting**
    - Move join program to a dropdown box
    - Submit cloudflare proposal
    - Leave program feature
    - Update cloud description in design doc
  - **Ethan Van Caster**
    - Try sending data to db for save
    - Explore saving partial results locally
  - **Sam Craft**
    - Finish data export formatting
    - Finish cleaning local database
    - Copy database cleaning to production database
  - **Ryan Mamrot**
    - Begin working on developing final presentation
    - Look at formatting and information for final poster
    - Start looking into testing the web application
- **Summary of weekly advisor meeting**
  - We discussed what our plan is to finish the project and the end goal. Ethan talked about ways to fix the DNS using other options other than AWS.