

sEE/CprE/SE 492 WEEKLY REPORT 6

03/27 - 04/09

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**

- Design Doc meeting
- Continued work on features
- User testing ideas
- Poster planning
- Regression testing and bug fixing

○ **Past week accomplishments**

● **Nina Gadelha**

- Completed Design Doc Draft
- Completed Instructor 2 Review Presentation
- Work on Final Presentation
- Early stages of planning poster design
- Conducted user testing

● **Caleb Hemmestad**

- Worked on finishing up the PC view
- Implemented the pending tasks
- Added new features based on the client feedback
- Continued tying up loose ends
- Regression testing to make sure everything still works properly

● **Ethan Buenting**

- Finalized the viewing results for all programs feature
- Visually updated the student user dashboard to remove some dead space, make

it look more appealing

- Updated result export format so that if all survey results are printed to pdf they are labeled with the programs they came from.
- **Ethan Van Caster**
 - Save survey feature implemented
 - Started to test the save feature
- **Sam Craft**
 - Debugged data export issues
 - Worked on flaws in database cleaning logic
 - Restarted on local database cleaning.
- **Ryan Mamrot**
 - Began working on Final Presentation
 - Helped update Design Document
 - Looked at the final poster information
 - Looked into user testing
- **Pending issues**
 - No pending issues

○ Individual contributions

| NAME | Individual Contributions | Hours (past 2 weeks) | HOURS cumulative |
|------------------|--|----------------------|------------------|
| Nina Gadelha | <ul style="list-style-type: none"> ● Conducted some testing with outside parties ● Finished Design Doc Draft ● Completed Instructor Review 2 Deliverable ● Work on Presentation ● Begin Planning Poster | 14 | 62 |
| Caleb Hemmestad | <ul style="list-style-type: none"> ● Finalize PC view ● Continued working on finishing up uncompleted features ● Added pending tasks feature ● Made adjustments for clients ● Regression testing | 10 | 63 |
| Ethan Buenting | <ul style="list-style-type: none"> ● Finalize View-All-Results page ● Update dashboard visuals ● Update result export for students | 10 | 58 |
| Ethan Van Caster | <ul style="list-style-type: none"> ● Survey progress is saved after each question | 8 | 51 |
| Sam Craft | <ul style="list-style-type: none"> ● Debugged export issues ● Worked on correcting database cleaning ● Restarted local database cleaning | 9 | 50 |
| Ryan Mamrot | <ul style="list-style-type: none"> ● Began working on Final Presentation ● Helped update Design Document ● Looked at the final poster information ● Looked into user testing | 8 | 60 |

- **Plans for upcoming week**
 - **Nina Gadelha**
 - Conclude Presentation Draft
 - Conduct more User testing
 - Work on Poster Draft
 - Possibly Finish Design Doc Final Draft (at least make more progress towards final polished version)
 - **Caleb Hemmestad**
 - Finish all uncompleted features for demoing
 - Make sure everything still works properly
 - Double check with other developers features
 - Go through the app entirely for smoothness and consistency
 - **Ethan Buenting**
 - Update cloud documentation and add instructions for increasing resources if needed in the future
 - Look at updating some dependencies to remove vulnerabilities
 - Update DNS when ETG approves funding
 - Update Nav Bar to only show home from within a program
 - **Ethan Van Caster**
 - Verify save feature data works when sending data to db
 - Add a timer to delete saved progress after a week
 - Add a feature to bring the user to unanswered questions when submitting
 - **Sam Craft**
 - Finish debugging data export issues for the University of Iowa meeting
 - Finish database cleaning with updated information
 - Help with documentation where able
 - **Ryan Mamrot**
 - Write a documented instructions for user testing
 - Find people for user testing
 - Work on the Design Document
 - Work on final poster
- **Summary of weekly advisor meeting**
 - We talked about our plans to user test and demo at iinspire meeting on April 22 and to the U of Iowa research team in 2 weeks.