

EE/CprE/SE 492 - sdmay23-11

CySim

Week 3 Report

March 6th - March 24th

Client: Doug Jacobson

Team Members:

Brady Schlotfeldt - Front End Developer

Bailey Heinen - Full Stack Developer

Matthew Daoud - Project Manager / Front End Developer

Jacob Boicken - Linux/System Administrator / Front End Developer

Ethan Swan - Full Stack Developer

Weekly Summary:

This week we had our team work on respected roles. It mostly consisted of design work with everyone trying to finalize their final design for the team meeting we are preparing to have on Wednesday. At this meeting we are talking about all of the designs that we came up with to see if the team has any good input on what can be improved. Lastly, we will all be merging our changes into the main branch so that we can have a most updated version of the web application to be able to present to our client on Friday.

Past Week Accomplishments:

- Brady -
 - Reworked the Tutorials page to implement a check box and have true/false options.
 - Adjusted the display of the Tutorials page so that documents implemented can be viewable through a link.
 - Found a new way to edit and change the display of the CySim web application.
 - Developed presentation slides that accurately display our current progress throughout the CySim web application.
 - Got a meeting scheduled with our Client for this Friday.
- Bailey -
 - Fixed the backend bug on Team Registration
 - Minor front end on Team registration mostly table fixes.
 - Fixed front end Tutorial bugs that were in the repo to allow for different tutorial types as well as a few design changes to make the page look a tad more visually pleasing.
 - Merged all teams' code into master so that we can have a prepared meeting with our client this Friday (Team Registration, Tutorials, Scoreboard, and Scenario).
 - Added an example Privacy Policy. Will come back when it is more complete so I am able to adjust it accordingly.
 - Also, worked on the presentation slides.

- Fixed a bug in Microsoft Identity making the user role required when you are registering a user.
- Matthew -
 - Removed scoreboard placeholders and replaced with a temporary scoreboard implementation that can change sizes based off a loop. Will soon be scalable to the number of teams registered.
 - Coordinated with Bailey to get ready to implement the Team Registration backend end in order to have data to pull from for the scoreboard.
 - Implemented multiple CSS styles for use with the scoreboard. Likely came to a final design which looks clean and simplified.
 - Updated some database migrations in preparation for the scoreboard to be dynamically created.
 - Completed presentation slides and worked with the team to have a meeting to present the slides for submission.
- Jacob -
 - Merged uploading of documents and creating Scenarios database item as one html form
 - Changed scenario data model to use booleans where needed instead of strings
 - Made scenario uploaded for use checkbox and handle the input as boolean to match the data model
 - Helped Brady with implementation of the file upload for tutorials
 - Added error checking in the upload form and in my branch
 - Updated dependencies on my fork
- Ethan -
 - Fixed git repo syncing issues
 - Began work on ironing out some bugs having to do with team membership in the registration page
 - Began work fleshing out features of team registration, including ability to upload and edit team profile pictures
 - Built confidence in C#HTML and refreshed page styling skills
 - Continued to squash graphical bugs in views

Pending Issues:

- We should not need to confirm the user account at registration if we are not going to be implementing an email server. The reason that we will not be able to implement this is because Iowa State blocks email port and will not allow this to work on the server.
- Team Registration bug, when a user is already registered as part of a team they should not be allowed to register for another team.
- Team Registration also needs to be able to load a profile picture for the team. We will use this profile picture in the team registration as well as in the scoreboard.
- Scoreboard implementation, the design is done but we need the scoreboard to accurately query over the existing teams that we already have. We are waiting for the

team registration to be finalized in order to do this. We currently have it pulling dummy data. At worst Bailey and Mathew will be getting to this Sunday.

- We need a better design on tutorial, team registration, and scenarios pages. The table and functionality is done, but the pages are still very bare.
- Admins will need to delete a tutorial in the app. They will not need to edit them as we are dealing with documents.

Individual Contribution:

Name	Contributions	Hours	Cumulative Hours
Brady Schlotfeldt	Pushed all of the tutorial pages of my branch for Bailey to pull into main. Reworked the Tutorials page to implement a check box and have true/false options. Adjusted the display of the tutorials page. Did presentation slides for our review on CySim.	10	26
Bailey Heinen	Worked on the backend of Team Registration to allow teams to be able to accept up to 6 Users on a team. Looking at Microsoft bugs and realizing that it is okay and we do not need to worry about it. Fixing a few bugs on the front end of Tutorial to allow for the different tutorial types. Merging all of our code for meeting with our client. Communicating with the team to discuss what still needs completed. Adding Privacy Policy. Fixed a bug in microsoft	9	35

	identity making User role required at graduation.		
Matthew Daoud	Removed the placeholder scoreboard that was present. Researched and implemented a primitive dynamically scaling scoreboard design. Created multiple CSS styles relating to our scoreboard table in order to reach a design we felt was stylish and user friendly in terms of design. Updated some database migrations in preparation for scoreboards connection to the team registration backend. Completed and helped voice over presentation slides.	11	17
Jacob Boicken	Reworked the scenarios page view and controller to allow uploading of documents and creation of database entry as one action instead of have one for each. Modified the scenario model and upload for to work with boolean data values and checkboxes in the form. Created error reports in the html form is data values were missing or	8	24

	invalid. Helped Brady with implementing similar functionality in tutorials.		
Ethan Swan	Worked on profile pictures for teams, investigated graphical bugs when views load on frontend, and other logical bugs pertaining to team registration. I've also become a lot more confident in C#HTML, a version of markup that I wasn't too familiar with.	8	16

Plans for upcoming week:

- Brady
 - Fix bugs within my visual studio code setup.
 - Work to schedule an update meeting with our Client.
 - Update the design components of the pages within the web application.
- Bailey
 - Test all of the application to see if there is anywhere that we can improve
 - Team Registration
 - Scenarios
 - Tutorials
 - Scoreboard
 - Fix all of the bugs that I come across
 - Manage the repo with teams changes on their respective roles
 - Block the confirm account at user registration so, users do not have to confirm an account with recent findings of not able to implement an email server
 - Work on Team Registration and Scoreboard with Mathew to try and get that finalized. Make the scoreboard work off of the teams data.
- Matthew
 - Work with Bailey in order to complete the team registration and backend.
 - Connect the scoreboard to the team registration backend to pull team and scoring information
 - Work on finishing the dynamically sizing score board by implementing CSHTML for loops on the registration information pulled
 - Clean up one issue with team images not formatting properly

- Clean up any bugs and formatting issues with the scoreboard so it's ready for testing
 - Pick up anymore work that needs to be done throughout the project.
 - Begin preparing final documentation.
- Jacob
 - Merge changes from master to my branch
 - Merge my testing in my fork to my branch
 - Setup more tests for the scenarios and set up more in depth integration tests for the web server
 - Clean up the design of the scenarios page, like inconsistencies with other pages
 - Implement delete feature for the scenario and create delete icon
- Ethan
 - Get team registration bug fixes pushed
 - Add profile photo feature, get pushed to master
 - Continue fixing bugs surrounding team registration and profiles, help out wherever else I'm needed.