

Team roles:

Product Owner: Patrick Cannell

Scrum Master: Will Tatum

Customer meeting date/time/place:

Zoom - 5:45 pm every Wednesday

Note:

Dr. Ritchey Meeting: Zoom - 5:45 pm every Thursday

Group Meeting: Discord - 5:45 pm every Monday and Friday. Weekends any time. More scheduled as necessary like scrum meetings.

Summary:

Client: John Romero, Texas A&M Cybersecurity Center

This is a CRM (Customer Relationship Management) system to use for tracking cybersecurity students so information could be easily accessible to program directors. The primary objective is the ability to pull up a profile page with information on any given student while also having the ability to add or update information on the student. The secondary objective is to be able to run reports on given people or organizations with filters. This could include a list of all the students who have taken a certain certification or in a certain cybersecurity organization.

There will be Role-based access control (RBAC) and have three primary roles: Super User, Program Director, Student Worker. Program Directors could be assigned super user access and student workers have the least permissions with only the ability to add or read in certain specified areas. Program directors by default will only be able to view their program information with their student's information.

Sprint backlog:

What is the **sprint goal**?

The goal of this sprint is to build out functionality along with polishing issues from prior sprints. This sprint will add the ability to create notes for students and restrict notes access to only that program director that created it. For super users managing the site, functionality to create, update, read, and delete users will be added. For the different programs in the cybersecurity center, there will be tables connected with the students table that display information on scholarships and cybercenter programs. Information will be segmented where program directors only see their programs and student workers have minimal access to information about other students. Additionally, on the navigation bar you will see your image icon, name, email, and other information deemed relevant in an appropriate spot. Tables will now have the deactivate

and activate feature rather than the delete button. Along with that, having the entire row be the show button rather than a dedicated column for it. There will also be input validation on user input. Lastly, there will be cleanup like fixing RBAC to where only authenticated users can see the associated pages and forms will have the correct input fields.

Which stories were pulled into the Sprint? How many points? To whom is each story assigned? What are the tasks and their time estimates?

As a **Program Director**,
I want to **to add notes for students**,
So that **I can keep track of student progress and privacy**.
(Patrick - points: 4)

Completion:
Create the notes table with the proper column names and data types [Tue, Jul 9, 2024]
Populate the notes table with realistic sample data using Faker
Join the notes table with the students table in a notes view [Wed, Jul 10, 2024]

As a **Program Director**,
I want to **be able to filter the notes for students**,
So that **I can keep track of student progress and privacy**.
(Patrick - points: 2)

Completion:
Implement filtering and sorting on the notes view [Thu, Jul 11, 2024]

As a super **user**,
I want to **have validated input fields**,
So that **I can input data accurately without errors**.
(Noam - July 13 - points: 3)

Completion:
Make pre-populated dropdown menus and fix all other input errors on the forms. Also check for other common input validation techniques.

As an **program administrator**,
I want to **perform Create operations on users**,
So that **I can manage user information effectively**.
(Will - July 12 - points: 1)

Completion:
Being able to create a new user to the website.

As an **program administrator**,
I want to **perform Read operations on users**,
So that **I can manage user information effectively**.
(Will - July 12 - points: 1)

Completion:
Being able to read all the users on a website.

As an **program administrator**,
I want to **perform Update operations on users**,
So that **I can manage user information effectively**.
(Will - July 12 - points: 1)

Completion:
Being able to update a user on the website.

As an **program administrator**,
I want to **perform Delete operations on users**,
So that **I can manage user information effectively**.
(Will - July 12 - points: 1)

Completion:
Being able to delete a user on the website.

As a **program administrator**,
I want to **filter the student table with advanced options**,
So that **I can find specific student information easily**.
(Christopher - July 9-10 - points: 3)

Completion:
Implement advanced filtering options like multiple student selection.
Implement attribute filtering for students including custom attributes.

As an **super user**,
I want to **add or remove attributes in the student table**,
So that **I can customize the student information as needed**.
(Will - July 9th - points: 2)

Completion:
Make functionality to where attributes can be added or removed dynamically.

As a **program administrator**,
I want to **connect related tables such as programs (SFS, CLDP, VICEROY)**,
So that **I can maintain data integrity and relationships**.
(Christopher - July 10-11 - points: 2)

Completion:
Have table(s) for scholarships/programs.

As a **program administrator**,
I want to **have simplified actions on the students table**,
So that **I can navigate and perform actions more easily**.
(Noam - July 10 - points: 2)

Completion:
Remove the show/edit/remove button and make the whole row the show button.

As a **program administrator**,
I want to **have RBAC controls on each page**,
So that **my students' data is protected and I can log in securely**.
(Noam - July 9th - points: 1)

Completion:
Fix RBAC to where you have to be logged in to see a page. Also if you don't login with the right email it redirects to the login page rather than the failure page which should be removed.

As an **unknown user**,
I want to **see my image icon, name, and role in an appropriate location**,
So that **I can easily identify my information**.
(Matthew - July 8-9 - points: 2)

Completion:
Display the user image icon, name, and role in an appropriate location.

As a **super user**,
I want to **segment information based on user roles**,
So that **access to information is controlled appropriately**.
(Matthew - July 8-9 - points: 2)

Completion:
Super user should have access to everything
Program directors should not be able to access each other's notes
Student workers should not be able to access notes

As an **program administrator**,
I want to **activate or deactivate records instead of deleting them**,
So that **I can preserve data and control visibility**.
(Matthew - July 10-12 - points: 2)

Completion:

Only fetch data to be displayed on the students table if the status flag is true otherwise do not do anything.

Links:

Pivotal Tracker - <https://www.pivotaltracker.com/n/projects/2705347>

GitHub - <https://github.com/tamu-edu-students/CyberCRM>

Discord - <https://discord.gg/nRh2cYBSq6>

Google Drive - <https://drive.google.com/drive/u/2/folders/0APLVAcI1WKtoUk9PVA>

Code Climate - <https://codeclimate.com/github/tamu-edu-students/CyberCRM>