Team roles:

Product Owner: Will Tatum
Scrum Master: Christopher Muniz

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 further implement and fix things that have not been completed in previous sprints:

- Fixing and building upon the custom attributes
- Adding full CRUD to notes and being able to filter through them
- Improve access control for the different roles
- The ability to deactivate instead of delete
- Adding more tables and connecting it to the student table

In addition to these tasks we plan to finish the website styling to make it a finished product and add some more functionality and features. This includes building out the home page content, statistics for students and programs, and the ability to change views given a higher role. Lastly, for security purposes we plan to include logging capabilities for every action performed on the website.

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 **add more values to existing fields**,
So that **I can add more attributes**.
(Will - points: 2) - Due 7/25/24

Completion:

- Be able to add more values to the table and database for existing fields

As a **program director**,
I want to **see aggregated student statistics**,
So that **I can see student data**.
(Will - points: 3) - Due 7/24/24

Completion:

- Be able to view aggregated student statistics in a visual format

As a **super user or program director**,
I want to **see audit logs**,
So that **I can have records of actions taken**.
(Will - points: 3) - Due 7/26/24

Completion:

- Be able to view an audit logs that records relevant action items

As a **program director**,
I want to **toggle custom attributes on or off**,
So that **I can see them on the table and export them**.
(Will - points: 2) - Due 7/25/24

Completion:

- Be able to toggle custom attributes as visible/not visible and fix the styling

As a **general user**,
I want to **have consistently and well designed interface**,
So that I **can navigate the website easily.**
(Noam - points: 3) - Due 7/25/24

Completion:

- Make sure all design is consistent and well designed
- Make it high contrast for accessibility

As a **general user**,
I want to **have home page content**,
So that I **have basic knowledge of students.**
(Noam - points: 3) - Due 7/25/24

Completion:

- Add basic information for all three roles on the home page and more specific information for each role.
- Add statistics of students to the home page.

As a **general user**,
I want to **to be able to switch my current view to another role**,
So that **I can see what other users can see**.
(Matthew - points: 3) - Due 7/21/24

Completion:

- Users should be able to switch to and from different views among those they have access to.

As a **Program Director**,
I want **to be able to deactivate students**,
So that **I can make the database appear less cluttered as students leave**.
(Noam - points: 3) - Due 7/25/24

Completion:

- In the students table instead of delete make it deactivate the students record to not show up in the table

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**.
(Christopher - points: 2) - Due 7/25/24

Completion:

- Implement advanced filtering options for attributes.

As a **Program Director**,
I want to **connect related tables such as programs (SFS, CLDP, VICEROY)**,
So that **I can maintain data integrity and relationships**.
(Christopher - points: 2) - Due 7/23/24

Completion:

- An updated database schema that ensures all student-related tables are properly connected with the new student information.

As a **Program Director**,
I want to **be able to be able to create a note,**
So that **I can record new information about students**
(Patrick - points 2) - Due 7/23/24

Completion:

- A new notes *create* page will be added to the app. This entails updating routes, the controller, and UI

As a **Program Director**,
I want to **be able to edit a note,**
So that **I can respond to changes regarding a student's situation**
(Patrick - points 2) - Due 7/24/24

Completion:

- A new notes *edit* page will be added to the app. This entails updating routes, the controller, and UI

As a **Program Director**,
I want to **be able to deactivate / soft delete a note,**
So that **I can remove irrelevant information from the UI**
(Patrick - points 2) - Due 7/25/24

Completion:

- A new notes *delete* button will be added to the app. This entails updating routes, the controller, and UI. Deactivated notes will not appear to the user.

As a **Program Director**,
I want to **be able to make a note "private"**,
So that I **can set them to not be able to be read by other users**
(Patrick - points 2) - Due 7/22/24

Completion:

- Program directors can make a given note "private" and this changes the state of the note in the database.
- Program directors can specify who else can see each "private" note.

As a **Program Director**,
I want to **make only authorized users be able to access private notes**,
So that users **can be sure that their notes can't be read by those they haven't specified**.
(Matthew - points 2) - Due 7/25/24

Completion:

- Notes marked "private" can only be accessed by the program directors that made them and the other program directors specified.

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/0APLVAcl1WKtoUk9PVA
Code Climate - https://codeclimate.com/github/tamu-edu-students/CyberCRM