# Sprint 3 Retrospective

Corp Tracker Spring 2024
Sprint 3: March 18 – March 29

## Links

1. GitHub: https://github.com/jwonnyleaf/Cadet-Activity-Management
2. Pivotal: https://www.pivotaltracker.com/n/projects/2690136
3. Deployment: https://cadet-activity-management-7ed1c42c26df.herokuapp.com/

## Client Meeting

- Date: –2024/3/18
- Time: –19:20-19:40
- Place: Zoom Meeting

## People

Product Owner: **Alan Chao**: Significant effort reviewing code and coordinating with Client.

Scrum Master: **Manas Sahu:** Planning and coordinating with the developers.

Developers:

**Dev Garg:** He contributed to the development of a new interface for interacting with approved activities on an "Interactive Activities Calendar". Additionally, a dialogue box to specify a reason for cancellation was added by him based on a client request.

**Nathan Skouby:** Worked on 'Statistical' feature which lets a training officer, unit leader, or upper corps leadership view the status and completion of the CMDTS goals for a unit as a bar graph and sheet of completion time and training type for a certain unit.

**Johnny Le:** He enhanced the visual appeal and user experience of the website by crafting CSS code to refine its styling and create a flow to the website. The goal was to match the website's styling visually to the professional and neat A&M style.

**Evan Krohn:** Worked on the 'Import user data from CSV' feature that allows a system administrator to set up each user by bulk importing from user info into the website database from a CSV file.

## Sprint Goal

The objective of this sprint was to prioritize refining previously implemented features, with a particular emphasis on enhancing tools tailored for administrators. We directed efforts towards developing a feature to import bulk database updates containing user and administrator details within the corps. Additionally, over the course of the sprint, we integrated visual components such as interactive calendars and statistical charts into the application, allowing administrators to track metrics. Furthermore, we implemented CSS styling on the webpage, adhering to maroon and white themes used across Aggie websites.

## Achievements

- Visual Enhancement: Added Aggie styling to webpages, CSS styling makes features more prominent.
- Fixing bugs: Fixed a log-in bug that was causing a random log out, and an error message that was incorrectly raised when revising events.
- New Interactive Features: Added an Interactive Calendar with event information, and a Statistical chart to feature information about events.
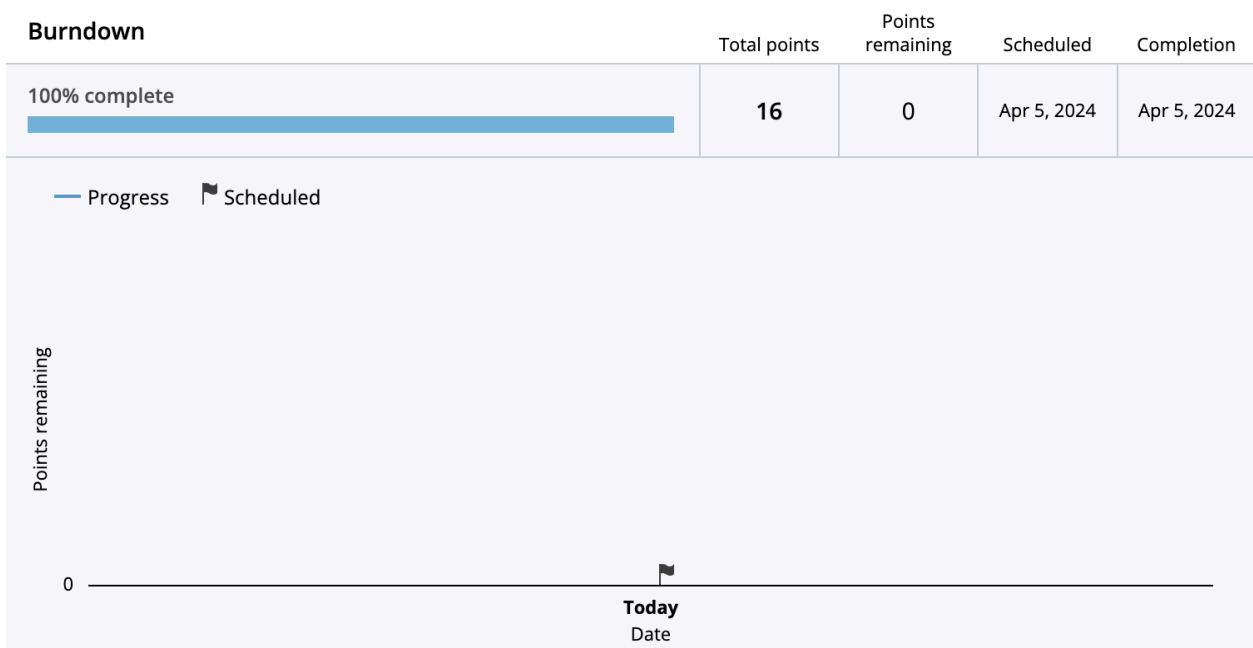- Administrator Tool: Tool to set up user information in bulk by importing from a CSV file.

## Backlog and Status

ALL intended features are completed.

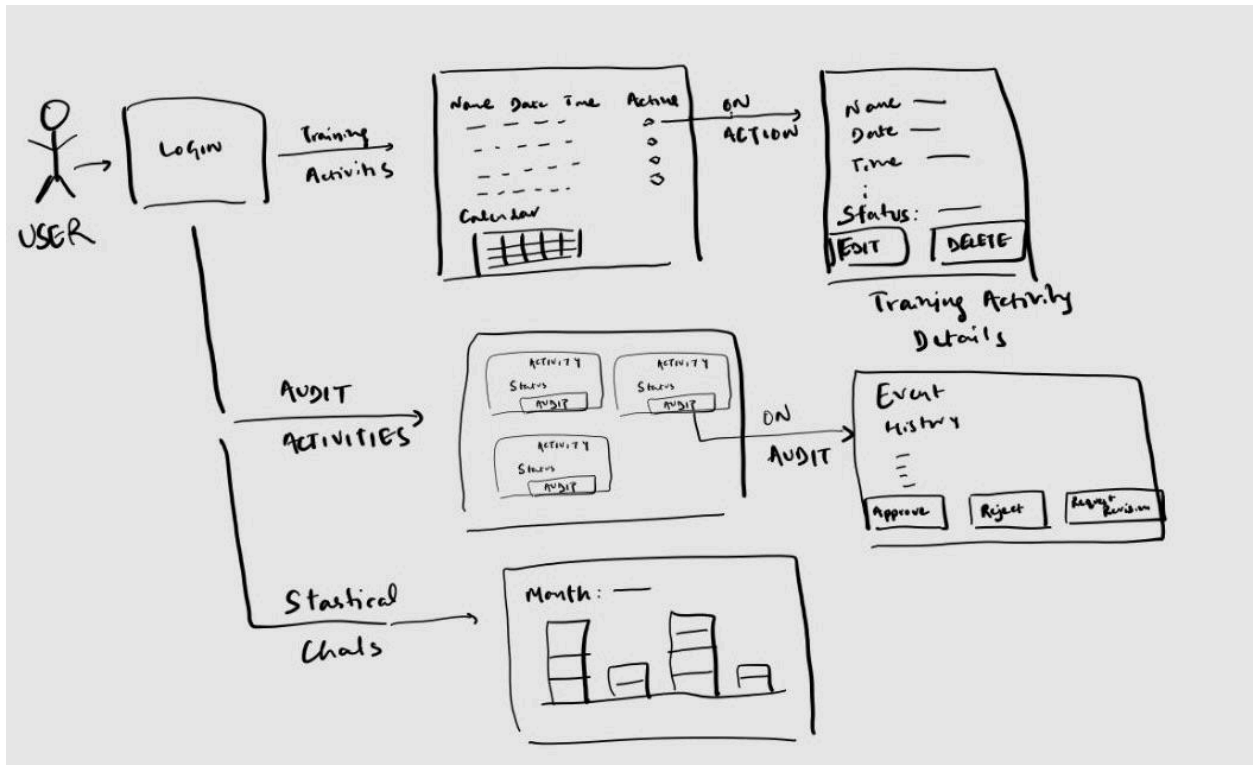| | | | |
|---|---|---|---|
| Feature: Import User Data into the System<br>As the administrator of the website<br>So that each user can be correctly set up<br>I want to be able to bulk import the user data as a CVS file into the system | Evan | 4 | RELEASED |
| Feature: Interactive Activities Calendar<br>As a training officer, unit leader, or upper corps leadership<br>So that I can see all approved activities planned by a certain unit on the calendar. And I can see activities on a | Dev | 3 | RELEASED |

| | | | |
|---|---|---|---|
| certain date when I click.<br>I want to be able to see an interactive monthly calendar, which is clickable for each date and can also be filtered by unit. | | | |
| Feature: Statistical charts<br>As a training officer, unit leader, or upper corps leadership<br>So that I can view the status and completion of the CMDTS goals that a unit is supposed to achieve.<br>I want to be able to see the bar graph and sheet of completion time and training type for a certain unit. (Each type of event has a unique color.) | Nathan | 3 | RELEASED |
| Feature: Styling of the app<br>As a user of the website<br>So that the app looks professional, neat, and in the A&M style.<br>I want to be able to see a pic of Reveille on the home page, the core emblem, and a maroon and white color style on all the pages. | Johnny | 3 | RELEASED |
| Feature: Reason box for canceling an event<br>As a training officer, unit leader, or upper corps leadership<br>I want to be able to type in a text box when canceling an activity<br>So that I can justify the reason for cancellation. | Dev | 1 | RELEASED |
| (Bug to fix) Sometimes, when the user goes back to the home page, the system logs the user out | Manas | 1 | RELEASED |
| (Bug to fix) Sometimes, error messages showed up when rejecting or revising an activity, but the request still went through. | Alan | 1 | RELEASED |

## Burndown

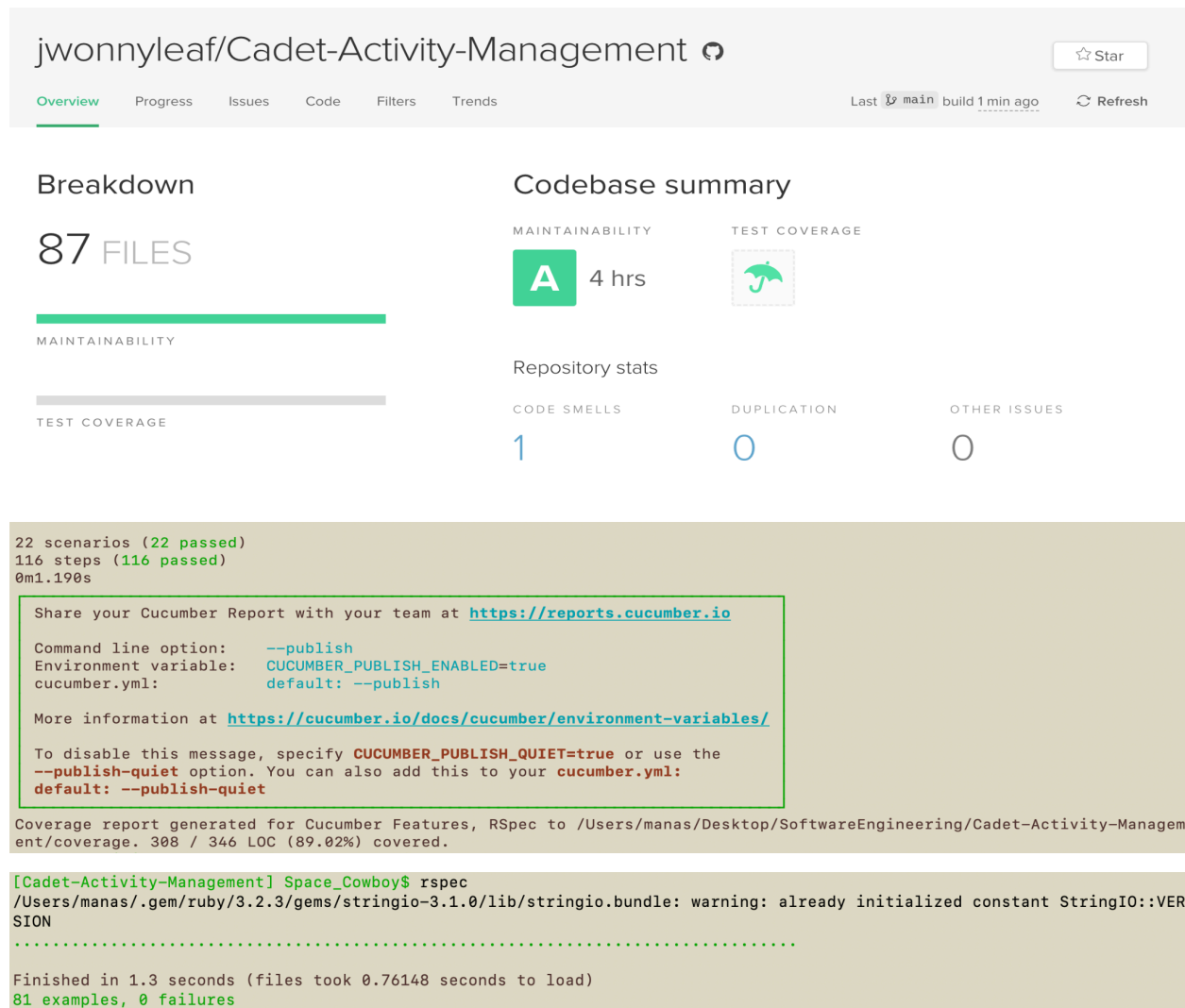| Burndown | Total points | Points remaining | Scheduled | Completion |
|---|---|---|---|---|
| **100% complete** | **16** | **0** | Apr 5, 2024 | Apr 5, 2024 |

── Progress   ⚑ Scheduled



## Design Diagram

Website flow diagram:

## Documentation of Change

- No change in the intended features

## Code Test and Quality

jwonnyleaf/Cadet-Activity-Management ⚙

### Breakdown

**87** FILES

MAINTAINABILITY

TEST COVERAGE

### Codebase summary

MAINTAINABILITY
A  4 hrs

TEST COVERAGE

Repository stats

| CODE SMELLS | DUPLICATION | OTHER ISSUES |
| --- | --- | --- |
| 1 | 0 | 0 |

```
22 scenarios (22 passed)
116 steps (116 passed)
0m1.190s

  Share your Cucumber Report with your team at https://reports.cucumber.io

  Command line option:    --publish
  Environment variable:   CUCUMBER_PUBLISH_ENABLED=true
  cucumber.yml:           default: --publish

  More information at https://cucumber.io/docs/cucumber/environment-variables/

  To disable this message, specify CUCUMBER_PUBLISH_QUIET=true or use the
  --publish-quiet option. You can also add this to your cucumber.yml:
  default: --publish-quiet

Coverage report generated for Cucumber Features, RSpec to /Users/manas/Desktop/SoftwareEngineering/Cadet-Activity-Managem
ent/coverage. 308 / 346 LOC (89.02%) covered.
```

```
[Cadet-Activity-Management] Space_Cowboy$ rspec
/Users/manas/.gem/ruby/3.2.3/gems/stringio-3.1.0/lib/stringio.bundle: warning: already initialized constant StringIO::VER
SION
..........................................................

Finished in 1.3 seconds (files took 0.76148 seconds to load)
81 examples, 0 failures
```

## Customer Meeting

3rd April 8:30pm: For demo and feedback from the client. The client was very satisfied with the development of the application and was very pleased with the styling of the app as it has been developed.

## BDD and TDD

- All features have feature files associated with them (BDD) and the code is covered with rspec tests (TDD).