

# KANM Show Scheduling - Sprint 2 Retrospective

Software Engineering CSCE 606

October 25<sup>th</sup>

**Product Owner** – Toan Vu

**Scrum Master** – Davis Beilue

**Developers** – Ali Nablan, Ankit Mohanty, Davis Beilue, James Nojek, Kriti Sarker, Neeraj Julian Joseph Rajkumar, Toan Vu, Haridher Pandiyan

**Pivotal** - <https://www.pivotaltracker.com/n/projects/2721031>

**GitHub** - <https://github.com/amohanty03/KANM-Show-Scheduling>

**Deployed App** - <https://kanm-show-scheduler-b962465e9890.herokuapp.com/>

**Dates** - October 5, 2024 to October 18, 2024

Member	Role	Points
Ali Nablan	Developed remove CSV file functionality	2
Ankit Mohanty	Developed upload CSV file button, and validate CSV file functionality	1.5
Davis Beilue (Scrum Master)	Developed download CSV file functionality and handled sprint documentation submission.	2
James Nojek	Developed upload CSV file functionality	2.5
Kriti Sarker	Developed the home page UI, and the download CSV button	2
Neeraj Julian Joseph Rajkumar	Developed view multiple CSV file functionality	3
Toan Vu (Production Owner)	Developed logout button and logout functionality, organized weekly team meetings and client meetings, and handled sprint documentation	2
Haridher Pandiyan	Developed super admin role and database migration to accommodate this role	3

### **Sprint Goal**

This sprint's goal was to develop the home page, and the logout functionality, and the super admin role.

### **Sprint Achievements**

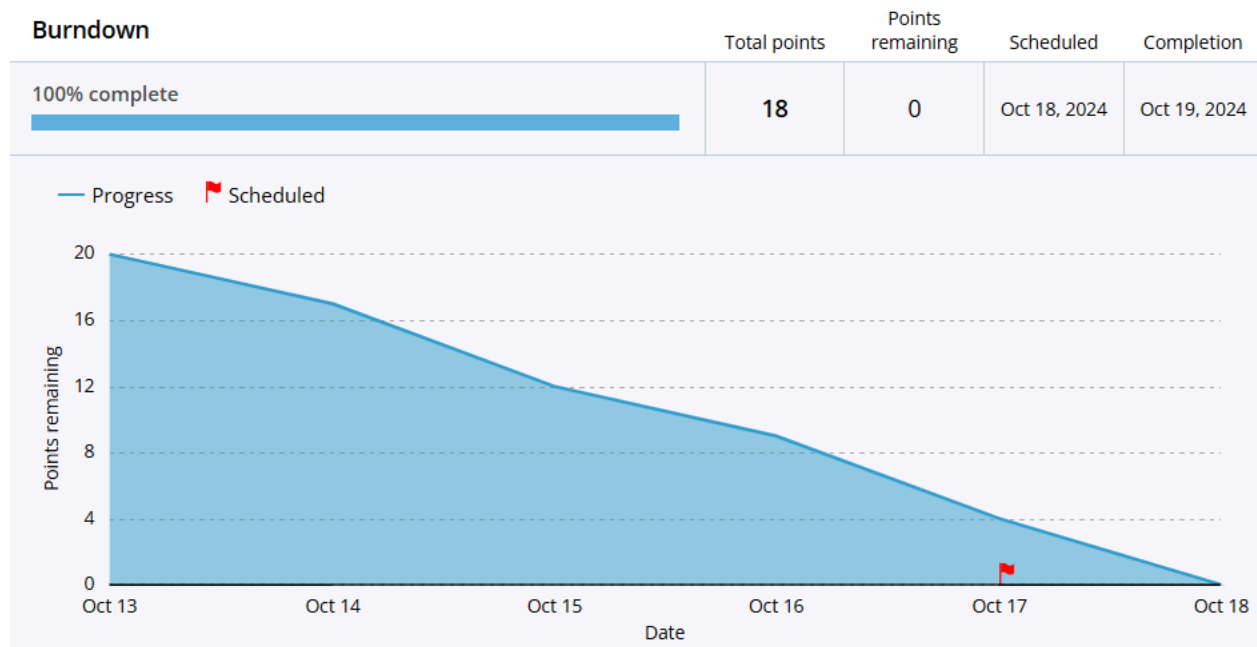
The sprint goals were achieved. The homepage was developed to upload, download, and delete the csv files. A dropdown menu was added to the homepage with an option to logout. The introduction of a super admin role allows this role to manage lower roles, via another button from the dropdown menu, which is only exposed to super admin. The UI was further developed to be more user friendly.

### **Sprint Backlog**

We initially designed the application with a single role, called admin. We later realized the need of a super admin role for management purposes. The super admin role can add, modify, and delete lower admin roles. The client expressed their desire for this role during a meeting, and we had the capacity to do it this sprint.

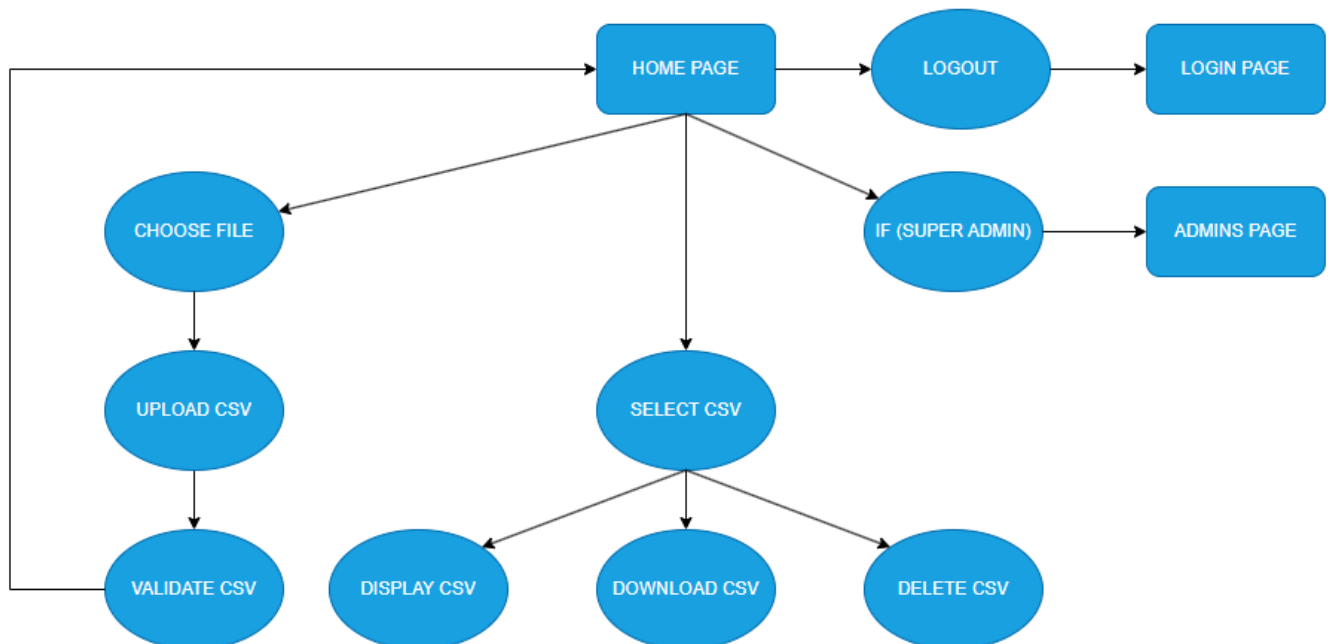
Story	Points	Reason
+ Super Admin Role	3	This role is needed for management
* Validate CSV file extension	3 (original), 1 (current)	The work was merged with the upload CSV story

## Burndown Chart



All of our tasks were completed by the 17th, however one story remained open in Pivotal Tracker by mistake. Still, our burndown chart looks appropriate and reflects a steady velocity.

## Design Diagrams



## Documentation Of Changes

This sprint we began to work on the main functionality of our application as we implemented the ability to upload, download, and manipulate csv files. We will build off of this work in the coming sprints to fulfill our ultimate goal of generating a schedule for RJs. We also added the “super admin” role so that the client can self-manage their list of allowed admins.

Stories, mockups and storyboards are documented as part of the Sprint 2 document.

[https://github.com/amohanty03/KANM-Show-Scheduling/blob/main/documentation/Fall2024/Sprint\\_2\\_Plan.pdf](https://github.com/amohanty03/KANM-Show-Scheduling/blob/main/documentation/Fall2024/Sprint_2_Plan.pdf)

## Evaluation Of Code And Test Quality

More than 90% of the code has been tested, which is evident from the code coverage report.

# All Files ( 97.86% covered at 12.28 hits/line )

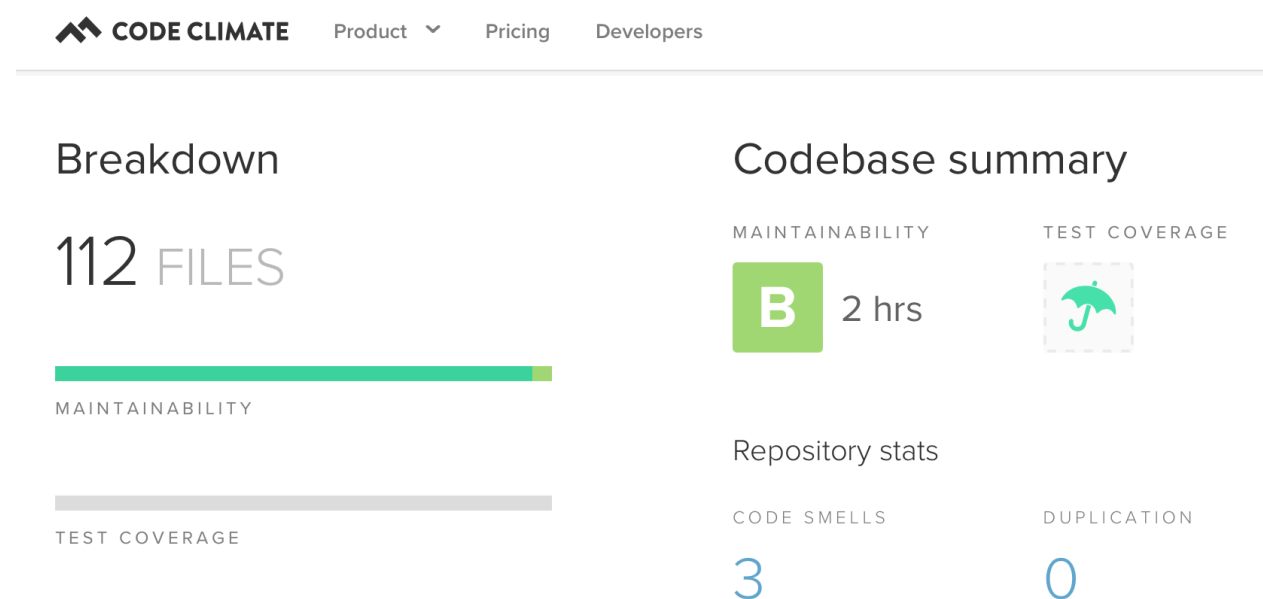
**13** files in total.

**140** relevant lines, **137** lines covered and **3** lines missed. ( 97.86% )

Rubocop was executed and no offenses were detected.

Code climate report has given a rating ‘B’ with 3 code smells.

Code Climate Report <https://codeclimate.com/github/amohanty03/KANM-Show-Scheduling>



## **Customer Meeting**

October 17<sup>th</sup> 2024, 6:30 pm

Virtual Meet

We presented a demo of the home page, where admins can process the CSV files. We also introduced to the client the super admin role, and the dropdown menu where admin can logout or go to admins page for management.

The Client proposed a new feature to the application, which is to give the returning performers the priority to keep their schedule from the previous semesters.

## **BDD & TDD**

Cucumber Scenarios and Rspec examples have been written in such a way that they cover the entirety of the login feature and the authentication that comes along with it.

24 Cucumber scenarios

```
24 scenarios (24 passed)
172 steps (172 passed)
0m6.932s
Coverage report generated for Cucumber Features, RSpec to /Users/abby/Ruby/KANM-Show-Scheduling/coverage.
Line Coverage: 97.86% (137 / 140)
```

37 Rspec examples

```
Finished in 2.24 seconds (files took 11 seconds to load)
37 examples, 0 failures

Coverage report generated for Cucumber Features, RSpec to /Users/abby/Ruby/KANM-Show-Scheduling/coverage.
Line Coverage: 97.86% (137 / 140)
```