

KANM Show Scheduling - Sprint 1 Retrospective

Software Engineering CSCE 606

October 11th

Product Owner – Neeraj Julian Joseph Rajkumar

Scrum Master – Ankit Mohanty

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 - September 23, 2024 to October 4, 2024

Roles:

Member	Role	Fair share effort (Percentage)
Ali Nablan	Develop Cucumber Scenarios	12.5 %
Ankit Mohanty	Built UI and handled deployment	12.5 %
Davis Beilue	Modified/added user stories	12.5 %
James Nojek	Develop RSpec Tests	12.5 %
Kriti Sarker	Modified/added user stories	12.5 %
Neeraj Julian Joseph Rajkumar	Organized weekly team meetings and client meetings, handled documentation	12.5 %
Toan Vu	Built OAuth Login functionality	12.5 %
Haridher Pandiyan	Assisted with Cucumber Scenarios, updated README.md, code climate and Rubocop setup	12.5 %

Sprint Goal

This sprint's goal was to develop the login page and introduce an authentication method to access the system while.

Sprint Achievements

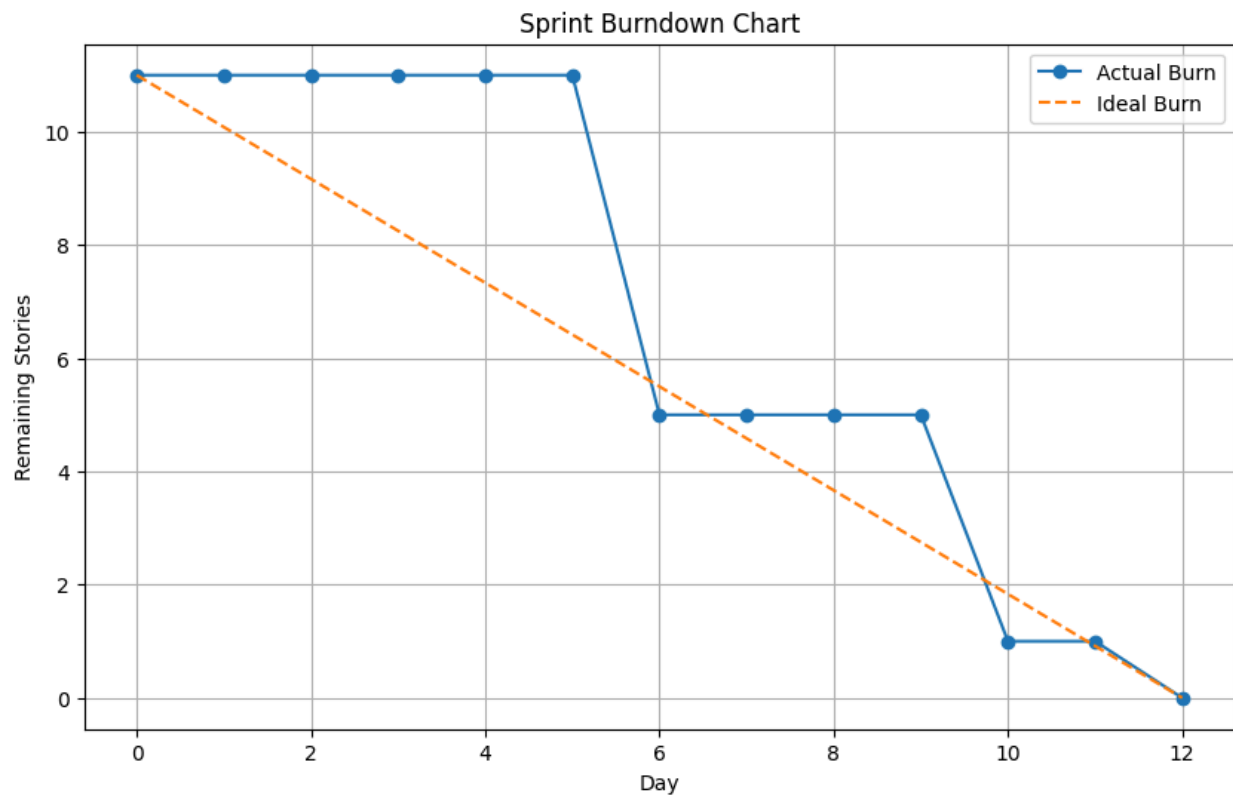
The sprint goal was achieved, a login page was created and an authentication method was also introduced to validate users who wish to access the system along with an accessible UI design.

Sprint Backlog

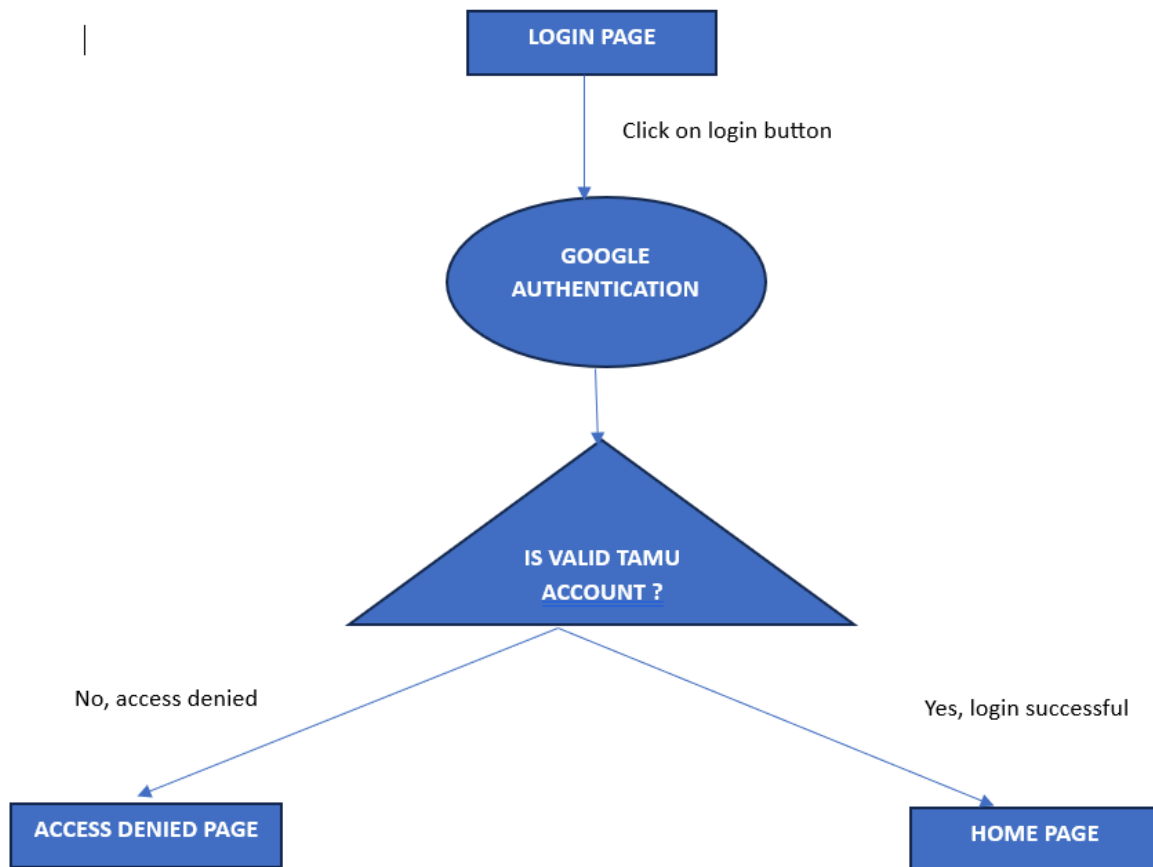
We initially had a single Login user story that was pulled into the backlog documented for Sprint 1 Plan. This story was further broken down into smaller sections in order to facilitate equitable story point distribution.

Story	Points	Reason
* Admin Login	3 (originally), 1 (current)	Story was too broad, needed an equitable distribution of work across the team
+ Login Button	1	Broken down from Admin Login
+ Login Success	1	Broken down from Admin Login
+ Login Page	1	Broken down from Admin Login
+ Break Down Sprint 1 User Stories	1	Needed to assign story points for documentation
+ Deploy Application to Heroku	1	Needed to assign story points for deployment
+ RSpec Setup	1	Needed to assign story points for testing
+ Cucumber Test Setup	1	Needed to assign story points for testing
+ Documentation	1	Needed to assign story points for documentation

Burndown Chart



Design Diagrams



Documentation Of Changes

We made a significant improvement by incorporating user stories for the Login functionality as we gained a better understanding of our program's structure.

Stories, mockups and storyboards are documented as part of the Sprint 1 document.

https://github.com/amohanty03/KANM-Show-Scheduling/blob/main/documentation/Fall2024/Sprint_1_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 (94.87% covered at 3.42 hits/line)

10 files in total.

78 relevant lines, 74 lines covered and 4 lines missed. (94.87%)

Rubocop was executed and no offenses were detected.

Code climate report has given a rating 'A' with zero code smells.

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

Customer Meeting

October 3rd 2024, 6:30 pm

Virtual Meet

Presented a demo of the login page, the client agreed to the login method being used where we had a Google authentication involving a TAMU account, so we finalized on that aspect. The client checked with us if we have any further questions, and we mentioned that we are going through the Excel sheet and Google form provided by them and will get back with queries (if any) in the upcoming weeks.

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.

5 Cucumber scenarios

```
5 scenarios (5 passed)
20 steps (20 passed)
0m6.113s
```

21 Rspec examples

```
Finished in 0.6979 seconds (files took 2.69 seconds to load)
21 examples, 0 failures
```