

Sprint 1 Retrospective Documentation

1. Links:

Github: <https://github.com/LOGiC31/Stock-Em>

Heroku Deployment: <https://stockem-0caaa6588e50.herokuapp.com/welcome/index>

Ticket Management: <https://github.com/users/LOGiC31/projects/1>

Slack: <https://tamu.slack.com/archives/C07PGFSLJV8>

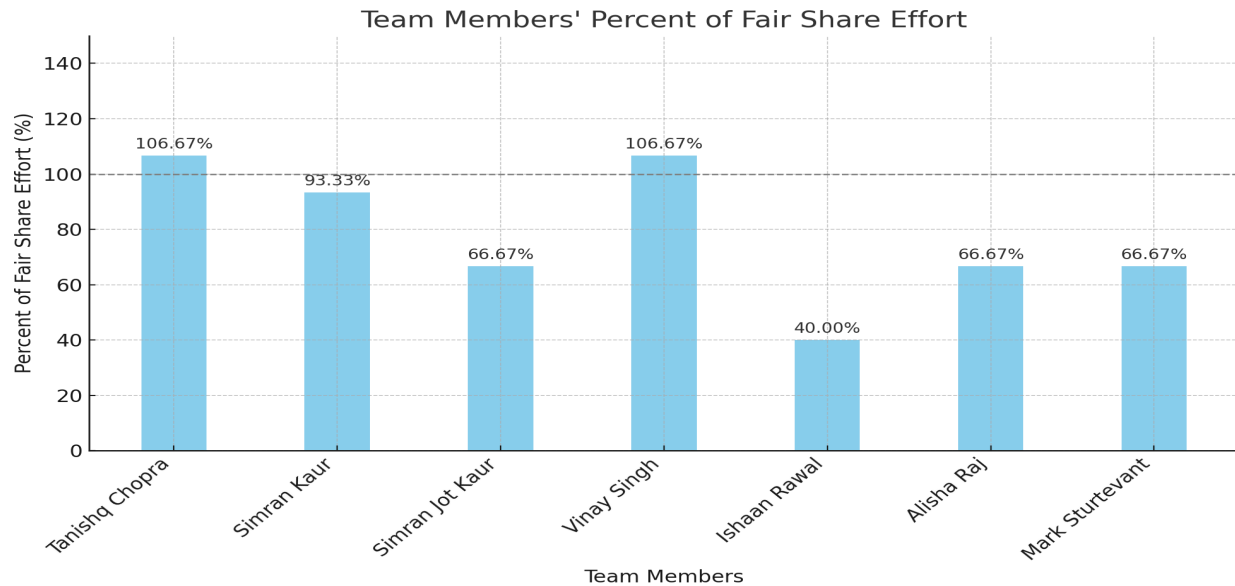
2. Dates of Sprint:

Start Date: September 30, 2024

End Date: October 4, 2024

3. Information about team and member contributions:

Member	Total Capacity	Estimate	Effort done
Tanishq Chopra	7.5 hr	8 hr	8 hr
Simran Kaur	7.5 hr	5 hr	7 hr
Simran Jot Kaur	7.5 hr	5 hr	5 hr
Vinay Singh	7.5 hr	8 hr	8 hr
Ishaan Rawal	7.5 hr	4 hr	3 hr
Alisha Raj	7.5 hr	5 hr	5 hr
Mark Sturtevant	7.5 hr	5 hr	5 hr



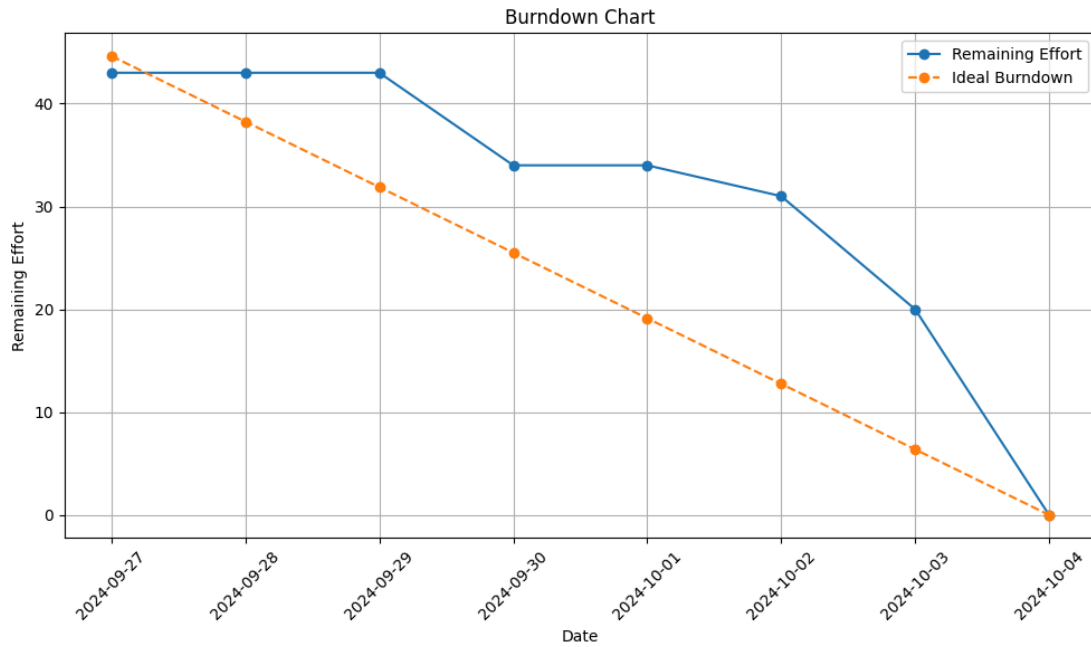
4. Sprint Goals:

Establish the foundational infrastructure and logistics for the application; design and develop UI mockups, create UML diagrams, and prepare the basic database structure. Users should be able to authenticate using their TAMU Google accounts and access the welcome screen.

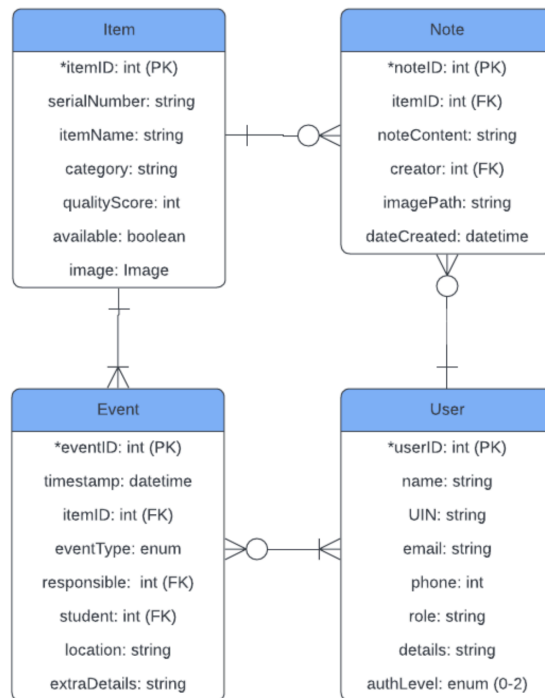
5. Sprint Achievements:

Users are able to log in using their TAMU Google accounts and navigate to their user profiles or view the items currently seeded in the database. We successfully completed all planned stories on time and developed and deployed the application, ensuring that all documentation, code quality, testing, and coverage met the required standards.

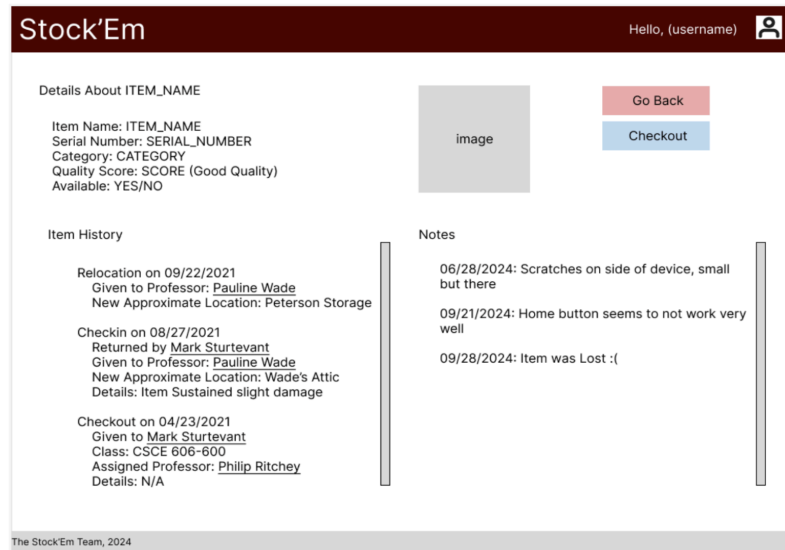
6. BurnDown Chart



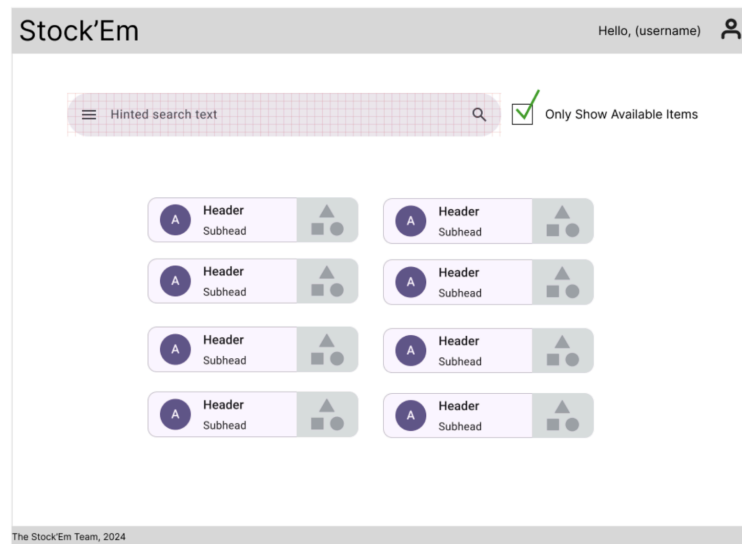
7. Design Diagrams:



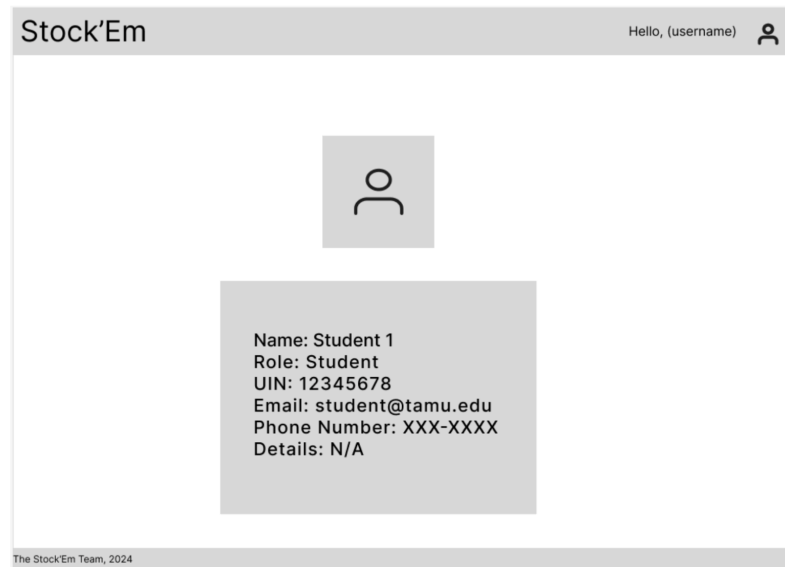
Database Design



Item Information Page



Home/Search Page



User Profile Page



Welcome/Login Page

- 8. Documentation of changes:** During the sprint iteration, we switched to a common UI theme, added a few columns to our user database tables to support google user authentication. We did some refactoring of the authentication part to match it

to our construct. We plan to iteratively improve the design with client feedback and further UI improvement.

9. Customer Meeting:

Topic: Capstone Inventory Management Sync-Up

Time: Oct 2, 2024, 01:30 PM Central Time (US and Canada)

Every week on Wed, until Dec 11, 2024, 11 occurrence(s)

Summary: So far, Paul has been satisfied with the current iteration of the project. For our meeting, we went over our designs/progress for the Frontend UI, Database design / organization, and showed off our current progress on login authentication. Paul gave the OK on our work so far, suggested one new feature (that has been recorded and will be incorporated in the next sprint), and is looking forward to seeing the next MVP.

10. BDD and TDD charts:

Code Quality and Code Quality:

<https://codeclimate.com/github/LOGiC31/Stock-Em>

Cucumber Tests: We implemented a test for all of the User Story categories in this sprint, including:-









(a) viewing various web pages such as show items or login,

(b) login authentication,

(c) user profile control, and a few more miscellaneous cases.

Our results are given below and can be viewed in more detail

at: <https://reports.cucumber.io/reports/e077048e-3dd0-4c89-8be6-cdd6796f9fd6>


11 PASSED		
100% passed 11 executed	a few seconds ago Last Run	0.85 seconds Duration
mingw32 mingw32	 ruby 3.3.4	 cucumber-ruby 9.2.0
<div>  Delete R </div>		
>  features/item_navigation.feature		
>  features/items.feature		
>  features/show_item.feature		
>  features/sso_login.feature		
>  features/user_profiles.feature		


```
11 scenarios (11 passed)
60 steps (60 passed)
0m0.849s
```


View your Cucumber Report at:
<https://reports.cucumber.io/reports/1121728b-b8c4-4e98-a96d-dc4884b38528>
 This report will self-destruct in 24h.
 Keep reports forever: <https://reports.cucumber.io/profile>


```
Coverage report generated for Cucumber Features to D:/Mark/ProgrammingWorkspace/RubyMine/Stock-Em/coverage.
Line Coverage: 98.28% (57 / 58)
PS D:\Mark\ProgrammingWorkspace\RubyMine\Stock-Em>
```


Rspec Tests: Similar to the cucumber tests above, we added Rspec tests for each controller, model, and channel created during this sprint. The Rspec files and results are given below:


 application_controller_spec.rb


 items_controller_spec.rb


 application_record_spec.rb


 sessions_controller_spec.rb


 event_spec.rb


 user_profiles_controller_spec.rb


 item_spec.rb


 channel_spec.rb

 users_controller_spec.rb

 note_spec.rb

 connection_spec.rb

 welcome_controller_spec.rb

 user_spec.rb

.....

Finished in 0.59498 seconds (files took 6.06 seconds to load)

36 examples, 0 failures

Coverage report generated for Cucumber Features, RSpec to D:/Mark/ProgrammingWorkspace/RubyMine/Stock-Em/coverage.
Line Coverage: 92.5% (74 / 80)