

Sprint 2 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: October 5, 2024

End Date: October 18, 2024

3. Information about team and member contributions:

Member	Total Capacity	User story points assigned	User story points implemented
Tanishq Chopra	5	4	5
Simran Kaur	5	5	8
Simran Jot Kaur	5	8	8
Vinay Singh	5	5	6
Ishaan Rawal	5	5	7
Alisha Raj	5	5	7
Mark Sturtevant	5	5	5

4. Sprint Goals:

The sprint goal is to enhance user interaction and functionality by enabling users to create new items directly from the home page, manage notes for both new and existing items on the item details page, and view these notes. Additionally, users will have the ability to update

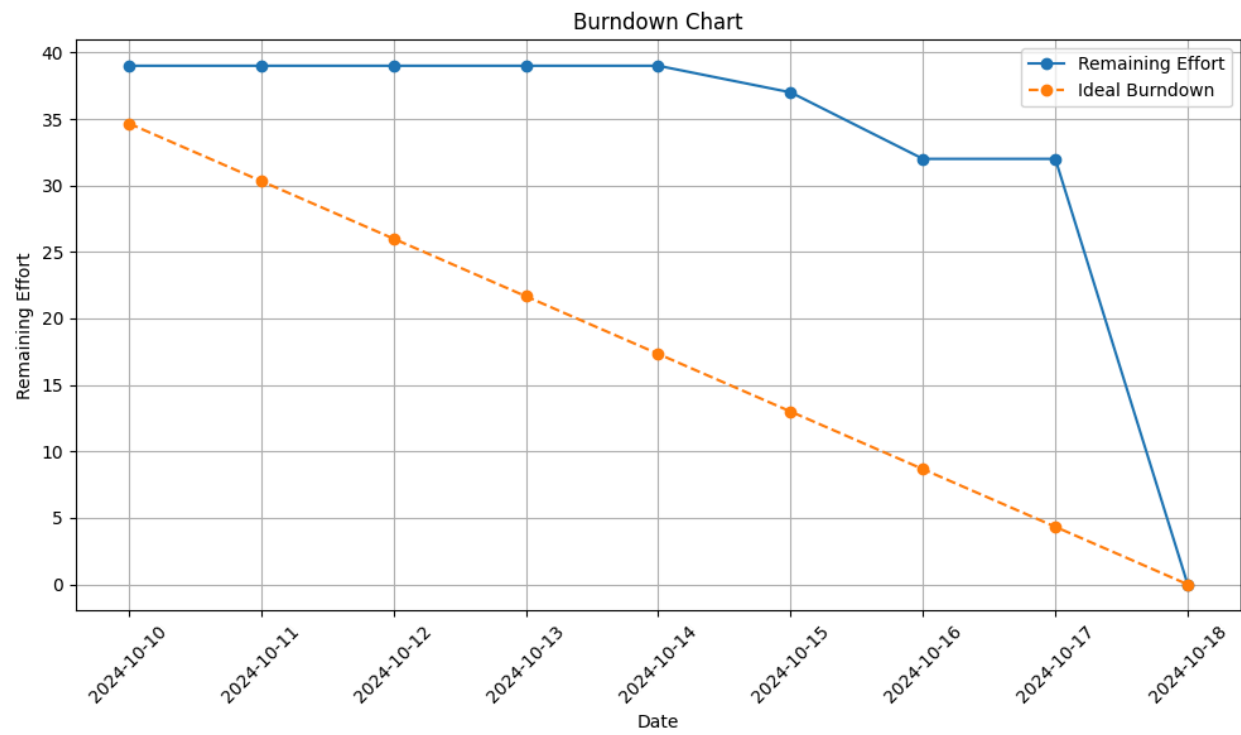
their profile details, utilize a search filter on the items list page, change item attributes such as status (damaged/lost), and access a clearly formatted information page that describes each item.

5. Sprint Achievements:

1. **Item Creation:** Successfully implemented the feature allowing users to create new items directly from the home page, enhancing user accessibility and workflow.
2. **Note Management:** Enabled users to add notes to both new and existing items on the item details page, facilitating better organization and tracking of information.
3. **Notes Visibility:** Developed functionality for users to view added notes on the item details page, improving transparency and user experience.
4. **Profile Updates:** Implemented a feature allowing users to add and edit their profile details, promoting personalized user engagement.
5. **Search Functionality:** Integrated a search filter on the items list page, enabling users to quickly find specific items based on criteria.
6. **Attribute Modification:** Created the ability for users to change item attributes (damaged/lost), allowing for better inventory management.
7. **Formatted Item Information Page:** Launched a clear and well-structured information page for items, providing users with comprehensive details at a glance.

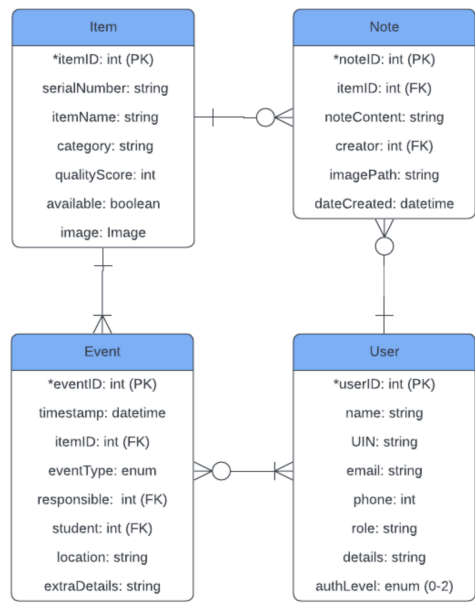
We successfully completed all planned stories on time and developed and deployed the application, ensuring that all documentation, code quality, testing, and coverage met the required standards.

6. BurnDown Chart



7. Design Diagrams:

Database Design



Login Page

WELCOME TO STOCK'EM

Your One Stop Solution to All Your Capstone Needs

Login with Google

[Home Page](#)

Howdy, Alisha!

Email: alisharaj2607@tamu.edu

First name: Alisha

Last name: Raj

[View Items](#)

User Profile

[Logout](#)

User Profile Page

Stock'Em

Hello, Alisha

USER PROFILE

Name:

Alisha Raj

UIN:

1234

Email:

alisharaj2607@tamu.edu

Contact No:

Role:

Status:

The Stock'Em Team, 2024

View Items Page

Stock'Em

Hello, Alisha

Search...

☐ Only show available items

Office Desk

Furniture

Available

Whiteboard

Supplies

Not Available

Bluetooth Speaker

Create New Item

The Stock'Em Team, 2024

Item Information Page

OFFICE DESK

Item Details

Item ID: 8

Serial Number: SN00234

Category: Furniture

Quality Score: 70

Available: **Yes**

Status:

Details: spacious office desk.

[Edit](#) [Back to Items](#)

Item History

Checkin on 8/21/2024

Returned by Mark Sturtevant

Item given to Professor Wade

New Approximate Location: Wade's Attic

Details: Now has water damage :(

Notes

[Create Note](#)

Update Item Status

Select Status: Damaged

[Update Status](#)

Create new Item Page

Stock'Em

Hello, Alisha

Create New Item

Item Name *

Category *

Quality Score *

Currently Available *

Serial Number *

Details

[Create Item](#)

8. Documentation of changes: In this retrospective planning session, several user stories were successfully implemented to enhance user experience and functionality. Users can now create new items directly from the home page, ensuring a streamlined entry process. Additionally, users can add notes to both new and existing items on the item details page, and view these notes clearly. Profile management has also been improved, allowing users to add and edit their profile details. A search filter feature has been introduced for the items list page, enhancing item discoverability. Furthermore, users can now change attributes (such as damaged or lost) for specific items, and a clear, formatted information page has been created to provide detailed descriptions of items. 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 last meeting, we went over our designs/progress for the Frontend UI, Database design / organization, and showed off our current progress on item add feature, search capabilities and edit user info details. We also went over the adding notes section. Paul gave the OK on our work so far, suggested one new suggestion for the search filter

(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 tests for all of the User Story categories in this sprint, including:

- **Creating New Items:** Users should be able to create new items from the home page.
- **Adding Notes:** Users should be able to add notes to an existing/new item in the item details page.
- **Viewing Notes:** Users should be able to view added notes on the item details page.
- **Profile Management:** Users should be able to add/edit details to their profile.
- **Search Filter:** Users should be able to use a search filter in the items list page.
- **Change Item Attributes:** Users should be able to change attributes (damaged/lost) of a particular item.
- **Item Information Page:** Users want a clear, formatted information page describing an item.

Our results are given below and can be viewed in more detail at: <https://reports.cucumber.io/reports/8fbde54e-9d87-4f2e-9e3a-90a3032cd700>

26 PASSED		
100% passed 26 executed	a few seconds ago Last Run	0.5 seconds Duration
 darwin23	 ruby 3.3.4	 cucumber-ruby 9.2.0
<div>Delete Report</div>		
<ul style="list-style-type: none"> >  features/create_item.feature >  features/item_navigation.feature >  features/items.feature >  features/notes.feature >  features/search_and_filter_items.feature >  features/show_item.feature >  features/sso_login.feature >  features/user.feature >  features/user_profiles.feature 		

```

26 scenarios (26 passed)
203 steps (203 passed)
0m0.499s














View your Cucumber Report at:
https://reports.cucumber.io/reports/8fbde54e-9d87-4f2e-9e3a-90a3032cd700

This report was published in collection "stockemCucumberReports"

Coverage report generated for Cucumber Features to /Users/alisharaj/Desktop/Stock-Em/coverage.
Line Coverage: 93.18% (123 / 132)

```

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
 sessions_controller_spec.rb
 user_profiles_controller_spec.rb
 channel_spec.rb
 connection_spec.rb
 users_controller_spec.rb
 welcome_controller_spec.rb
 application_record_spec.rb
 event_spec.rb
 item_spec.rb
 note_spec.rb
 user_spec.rb

```
● alisharaj@Alishas-MacBook-Air Stock-Em % bundle exec rspec
.....

Finished in 0.19222 seconds (files took 1.27 seconds to load)
51 examples, 0 failures

Coverage report generated for Cucumber Features, RSpec to /Users/alisharaj/Desktop/Stock-Em/coverage.
Line Coverage: 95.04% (134 / 141)
○ alisharaj@Alishas-MacBook-Air Stock-Em %
```