

Sprint 3 Retrospective

Team Members

Client: Shana Shaw

Project Owner (Sprint 3): Sai Patibandla

Scrum Master (Sprint 3): Arunima Chowdhury

Developer (Sprint 1): Joseph Cisneros, Zengqi Liu

Team Meetings: Monday, Wednesday, Friday after class (12.30 pm)

Sprint Date: 02/28/2025 - 03/21/2025

Links

Deployed App:

<https://ea-block-scheduling-68f7266eed53.herokuapp.com/>

Project Board:

<https://github.com/users/patibas-tamu/projects/2>

Github Repo:

<https://github.com/patibas-tamu/EA-Block-Scheduling?tab=readme-ov-file>

Contributions

Zengqi (5/5 story points):

- Fetched blocks from the upstream

Joseph (0/5 story points):

- Still working on allowing non tamu users to be admins

Sai (5/5 story points):

- Added feature to allow only users in DB to able to login

Arunima (0/5 story points):

- Still working on adding courses to Database

Sprint 3 Information

Sprint Goal:

- Complete the integration of block selection.
- Enable login for only authenticated users.
- Complete the logic to allow non-tamu email users to be admin.
- Complete the integration of adding courses to the database..

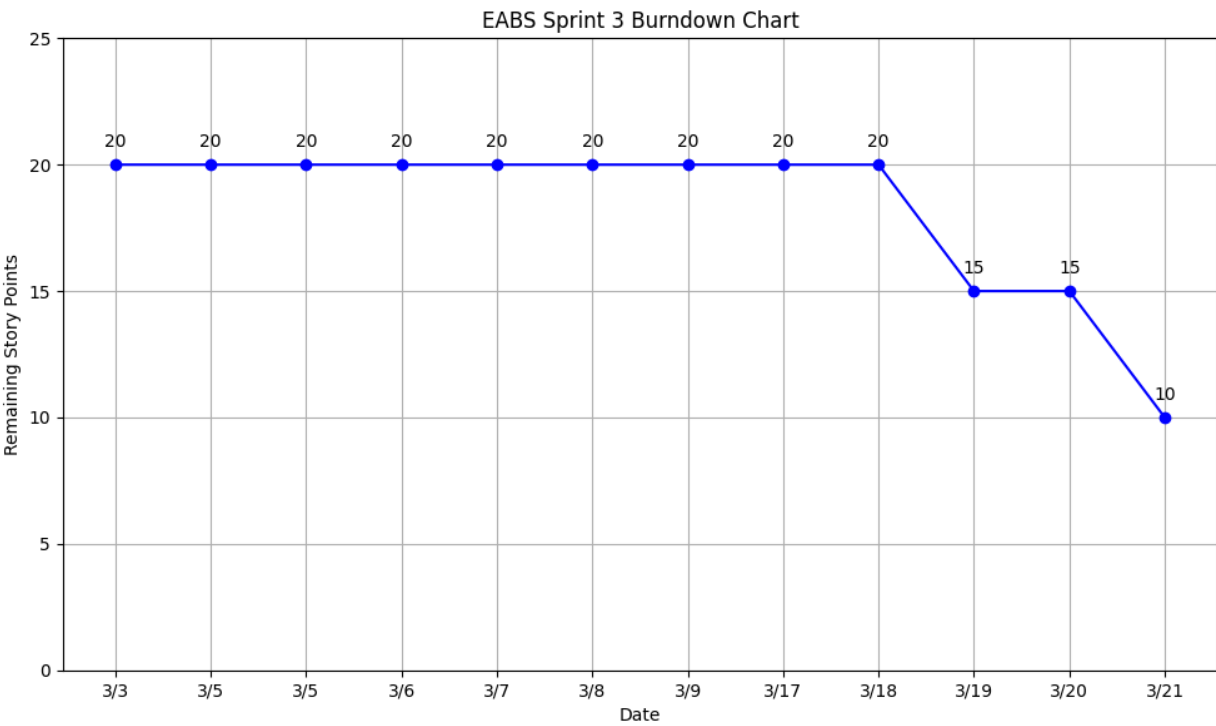
Sprint Achievements:

- Integration of block selection is completed.
- Login for non tamu users to be admins is still work in progress
- Only authenticated users can now login
- Integration of adding courses to database is work in progress

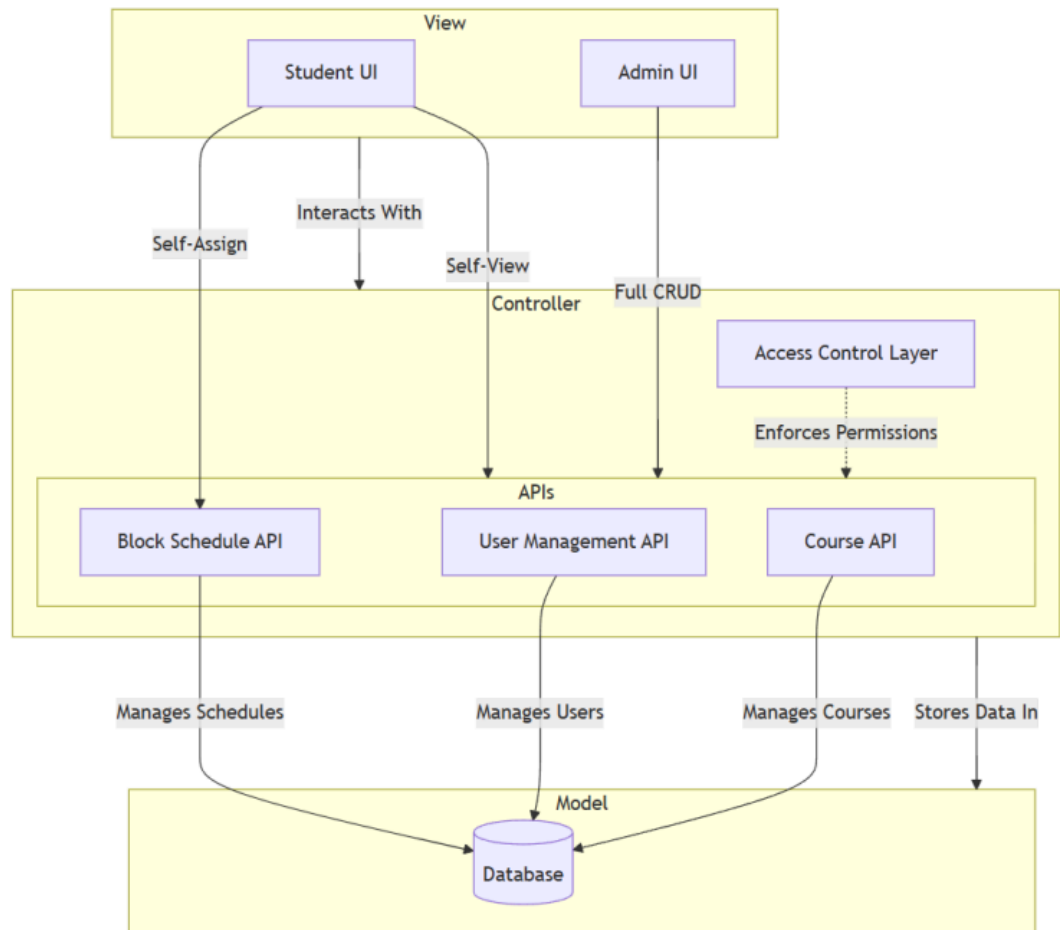
Sprint Backlog Items and Status:

- * **Login non tamu users to be admins**
 - Needs to be rolled over for sprint 4
- * **Adding courses to the database**
 - Needs to be rolled over for sprint 4

Burndown Chart



Design Diagram



Documentation of Changes

- No changes in the design

Evaluations of Code and Test Quality

Cucumber test

```
    Then I should see a confirmation message # features/step_definitions/user_management_steps.rb:77
# Scenario: Uploading a valid spreadsheet
#   When I visit the users index page
#   And I upload a valid spreadsheet
#   Then I should see a success message saying "Users have been uploaded successfully."
#   And the users should be created

Feature: User profile page

  Scenario: Viewing a user's profile page # features/view_profile.feature:3
    Given I am logged in as a test user # features/step_definitions/excel_file_steps.rb:5
    When I visit the user's profile page # features/step_definitions/view_profile_steps.rb:2
    Then I should see the user's details # features/step_definitions/view_profile_steps.rb:7

38 scenarios (38 passed)
198 steps (198 passed)
0m6.416s

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 to C:/EA-Block-Scheduling/coverage.
Line Coverage: 74.36% (261 / 351)
PS C:\EA-Block-Scheduling>
```

Rspec test

```
PS C:\EA-Block-Scheduling> bundle exec rspec

.....

Finished in 3.36 seconds (files took 10.21 seconds to load)
101 examples, 0 failures

Coverage report generated for Cucumber Features, RSpec to C:/EA-Block-Scheduling/coverage.
Line Coverage: 100.0% (74 / 74)
PS C:\EA-Block-Scheduling>
```

Customer Meeting

Our client wasn't able to meet with us this sprint. However the team has updated the client with the progress via email.

BDD and TDD

We implemented BDD and TDD practices by writing new Cucumber tests to cover all the new UI and backend changes, ensuring that the application meets user requirements. RSPEC coverage is 100%, and cucumber is above 74%. We are working to improve the cucumber coverage.