

Sprint 2 Retrospective

Team Members

Client: Shana Shaw

Project Owner (Sprint 1): Sai Patibandla

Scrum Master (Sprint 1): Joseph Cisneros

Developer (Sprint 1): Arunima Chowdhury Zengqi Liu

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

Sprint Date: 02/17/2025 - 02/28/2025

Links

Deployed App:

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

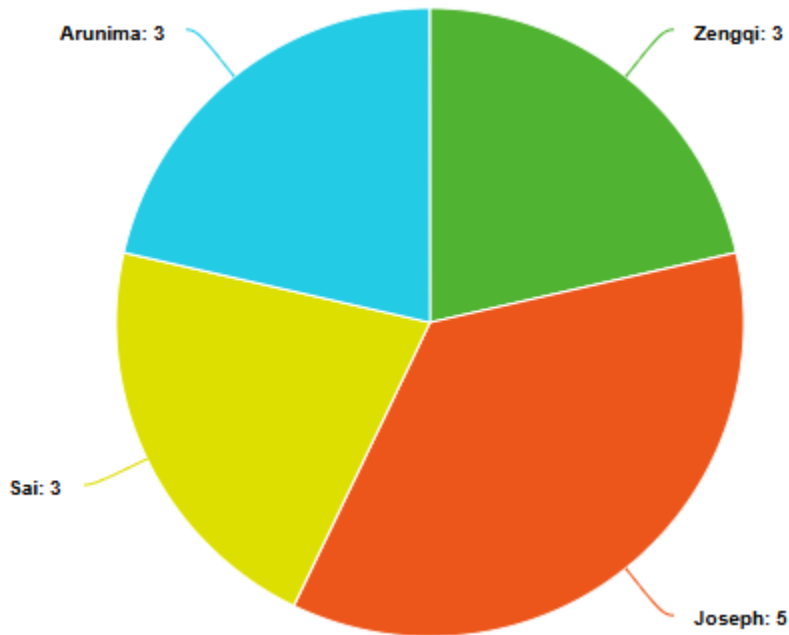
Project Board:

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

Github Repo:

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

Story Point Contributions



Zengqi: 3 Story Points

- Implemented the UI and Controller of Block Selection
- Met with client to discuss progress and gather requirements

Joseph: 5 Story Points

- Implemented the controller and service for the new user spreadsheet upload

Sai: 3 Story Points

- Implemented the UI and Controller for the course registration
- Met with client to discuss progress and gather requirements

Arunima: 3 Story Points

- Spent time on understanding the existing codebase and running the app locally.
- Met with client to discuss progress and gather requirements

Sprint 2 Information

Sprint Goal:

- Fully Implement the UI for each story
- Work on the Controller for each story
- Make basic UI for each of the user stories
- Deploying the App to Heroku

Sprint Achievements:

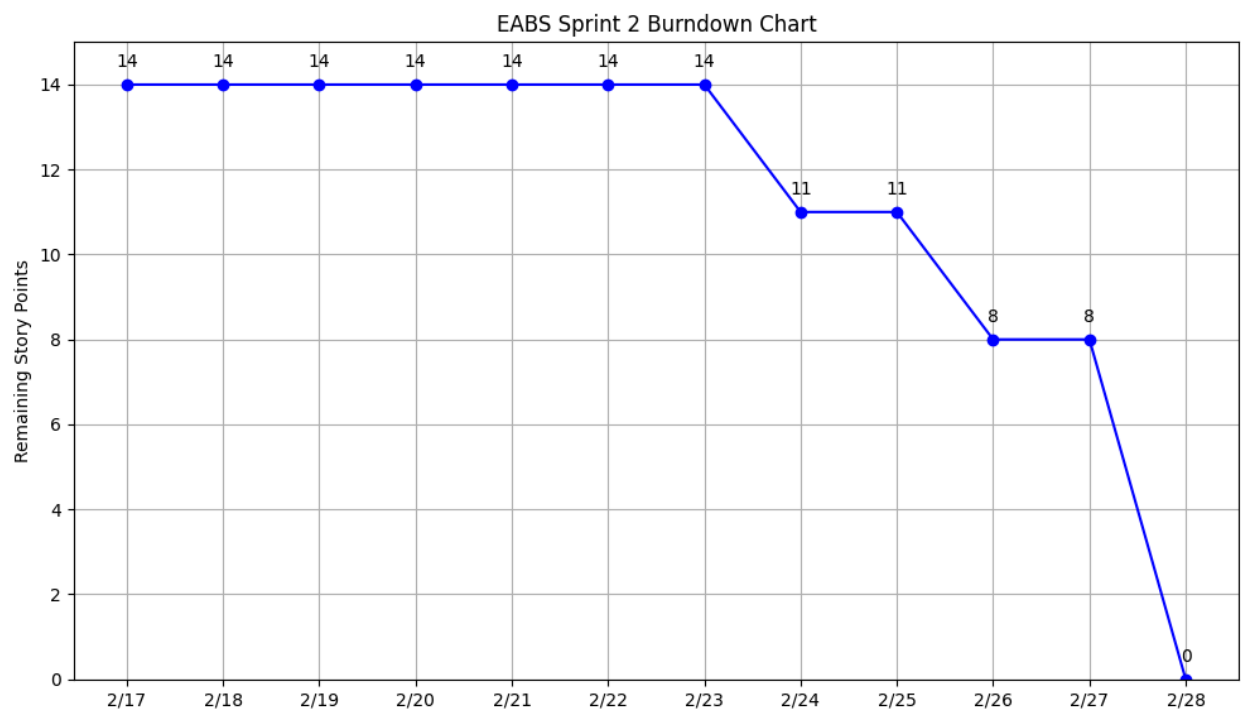
- The UI portion is completed for every major feature.
- A few new stories were created after discussing with the customer.
- The team completed most of the controller logic for each major feature.
- App has been deployed to Heroku with new changes

Sprint Backlog Items and Status:

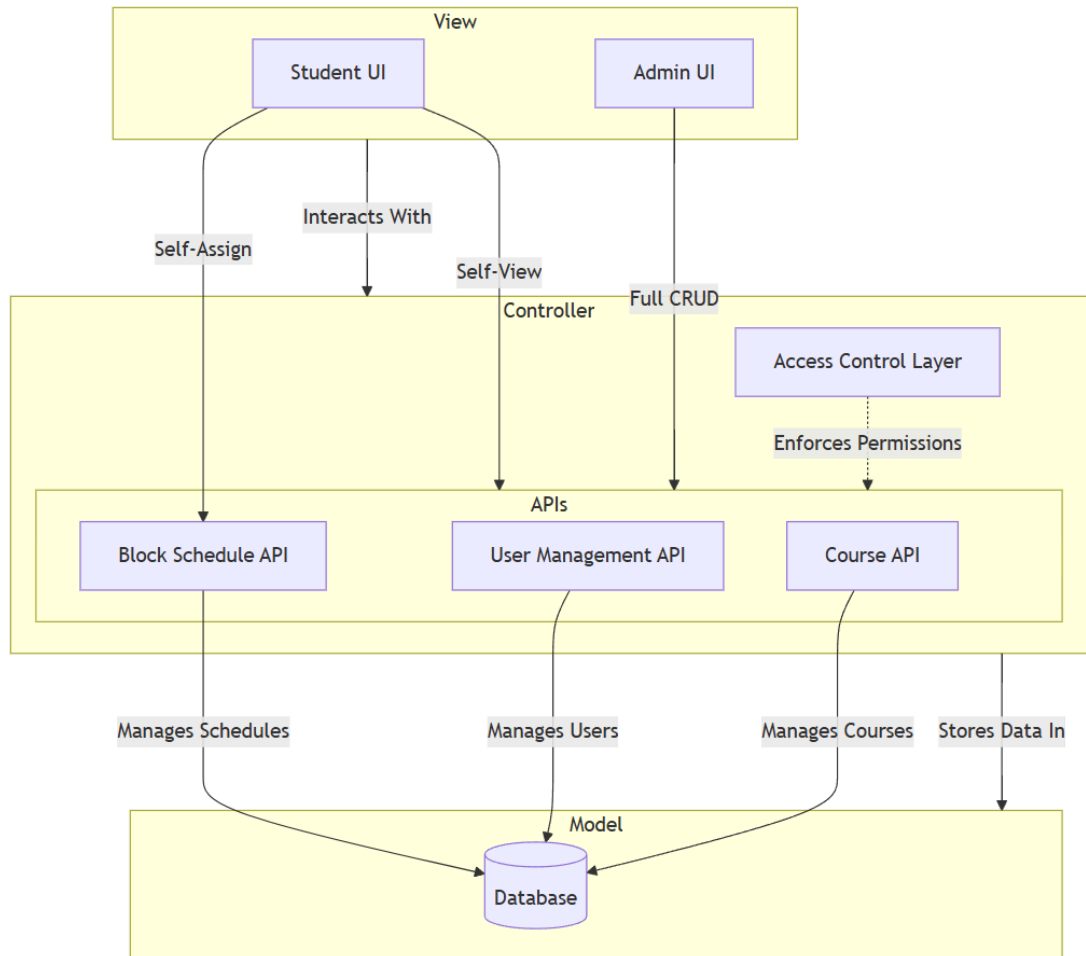
Nothing from the current sprint needs to be rolled over into the new sprint.

- Replace mock data with real data in course registration
- Enable DB users to log into the app only
- Enable non-tamu emails to be admins
- Add courses to DB
- Prerequisites requirements logic in course registration

Burndown Chart



Design Diagram



Documentation of Changes

- No changes to the design yet.

Evaluations of Code and Test Quality

Cucumber test

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

Scenario: Admin edits a user # features/user_management.feature:21
  Given a user exists # features/step_definitions/user_management_steps.rb:20
  When I visit the user's edit page # features/step_definitions/user_management_steps.rb:39
  And I update the user's information # features/step_definitions/user_management_steps.rb:47
  Then I should see a success message # features/step_definitions/user_management_steps.rb:65
  And the user's information should be updated # features/step_definitions/user_management_steps.rb:69

Scenario: Admin deletes a user # features/user_management.feature:28
  Given a user exists # features/step_definitions/user_management_steps.rb:20
  When I delete the user # features/step_definitions/user_management_steps.rb:54
  Then I should see a confirmation message # features/step_definitions/user_management_steps.rb:77

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)
0m2.858s

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 /Users/saipatibandla/Desktop/dev/EA-Block-Scheduling/coverage.
Line Coverage: 88.18% (261 / 296)
saipatibandla@Sais-MacBook-Pro-2 EA-Block-Scheduling %
```

Rspec test

```
Coverage report generated for RSpec to C:/Users/Joseph/RubymineProjects/EA-Block-Scheduling/coverage.
Line Coverage: 93.24% (69 / 74)
Stopped processing SimpleCov as a previous error not related to SimpleCov has been detected
PS C:\Users\Joseph\RubymineProjects\EA-Block-Scheduling>
PS C:\Users\Joseph\RubymineProjects\EA-Block-Scheduling> bundle exec rspec
.....

Finished in 2.11 seconds (files took 7.55 seconds to load)
101 examples, 0 failures

Coverage report generated for RSpec to C:/Users/Joseph/RubymineProjects/EA-Block-Scheduling/coverage.
Line Coverage: 93.24% (69 / 74)
PS C:\Users\Joseph\RubymineProjects\EA-Block-Scheduling>
```

Customer Meeting

02/26/2025

Online Via Zoom

Summary: We showed her the deployed app and discussed future work. We also updated her about the progress of the Sprint 2. She gave us information regarding the way admins will log into the app. We need to account for users who have email addresses outside of the TAMU domain. We discussed demoing our progress next week with her.

BDD and TDD

We implemented BDD and TDD practices by writing new Cucumber tests to cover all the new UI changes, ensuring that the application meets user requirements. RSPEC coverage is above 93%, and cucumber is 88%. We are working to improve the cucumber coverage.