

# Sprint 4 Retrospective

## Team Members

Client: Shana Shaw

Project Owner (Sprint 3): Zengqi Liu

Scrum Master (Sprint 3): Sai Patibandla

Developer (Sprint 1): Joseph Cisneros, Arunica Chowdhury Team

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

**Sprint Date: 03/21/2025 - 04/05/2025**

## 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 (5/5 story points):**

- Completed allowing non tamu users to be admins

## **Sai (5/5 story points):**

- Still working on fetching courses from DB to show in the registration form

## **Arunima (5/5 story points):**

- Still working on adding courses to Database

# Sprint 4 Information

## **Sprint Goal:**

- Complete the registration of courses selected in block.
- 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..

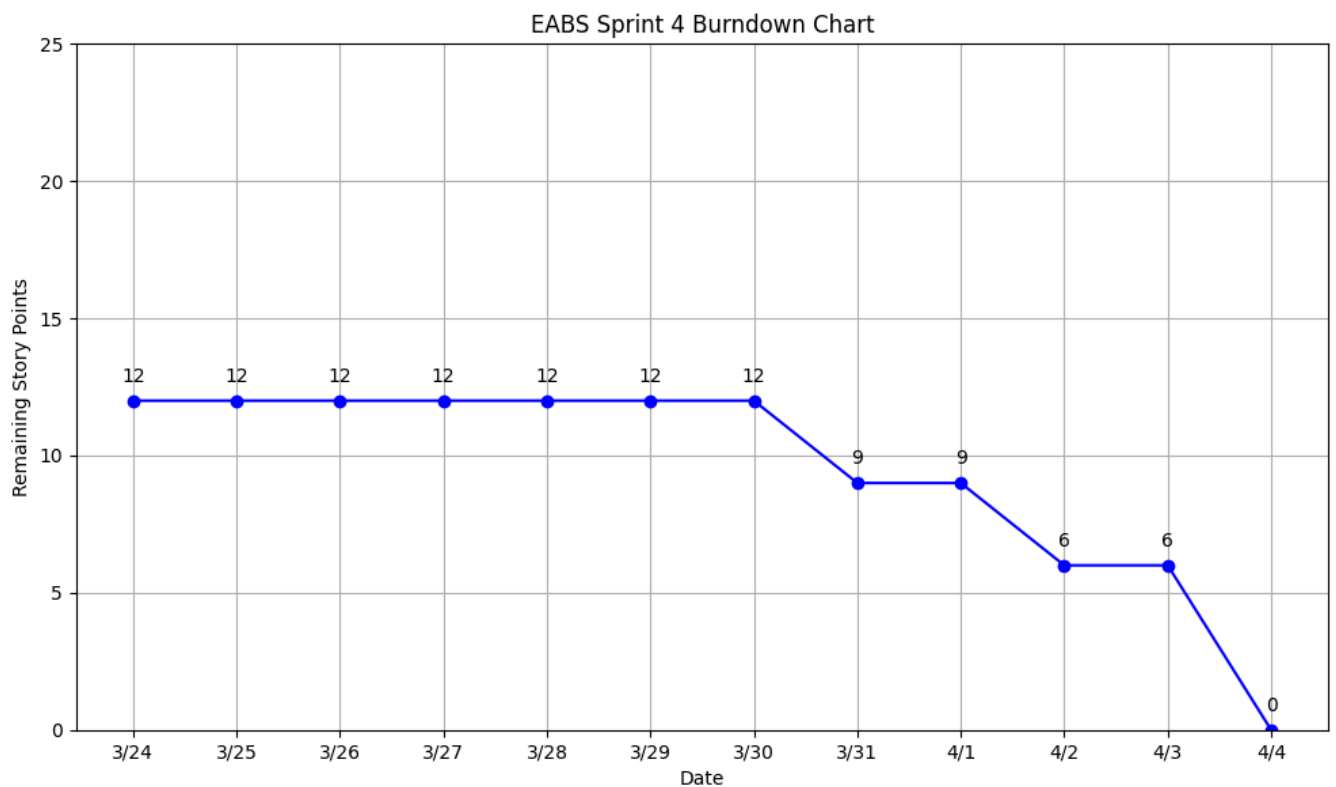
## **Sprint Achievements:**

- Registration of block selection is completed.
- Login for non tamu users to be admins is completed
- Integration of adding courses to database is work in progress
- Selection of courses form database is work in progress

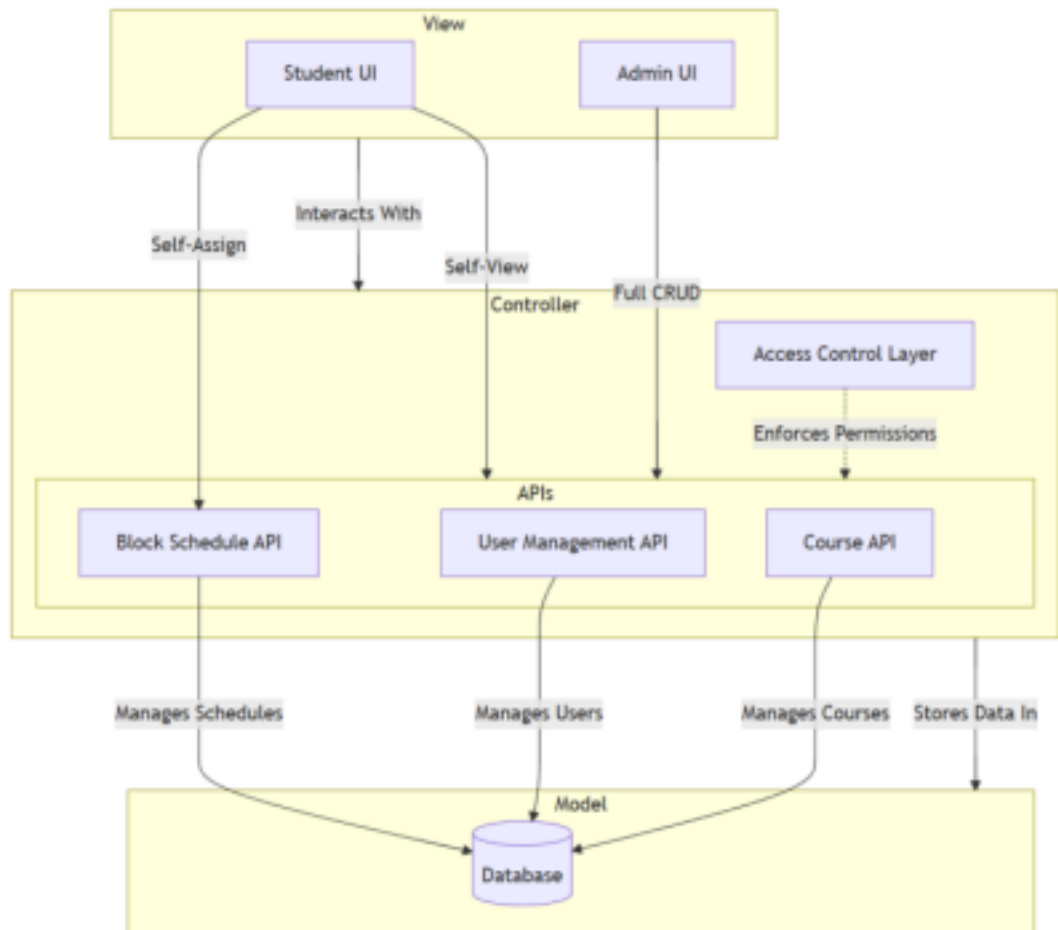
## Sprint Backlog Items and Status:

- **Adding courses to the database** - Needs to be rolled over for sprint 5
- **Registration form to fetch courses from database** - needs to be rolled over for spring 5

# Burndown Chart



# Design Diagram



# Documentation of Changes

- No changes in the design

## Evaluations of Code and Test Quality

### Cucumber test

```
39 scenarios (5 failed, 34 passed)
206 steps (5 failed, 42 skipped, 159 passed)
0m12.630s

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, RSpec to /Users/saipatibandla/Desktop/dev/EA-Block-Scheduling/coverage.
Line Coverage: 95.96% (309 / 322)
Stopped processing SimpleCov as a previous error not related to SimpleCov has been detected
○ saipatibandla@Sais-MacBook-Pro-2 EA-Block-Scheduling %
```

### Rspec test

```
● saipatibandla@Sais-MacBook-Pro-2 EA-Block-Scheduling % bundle exec rspec
sh: bin/webpack-dev-server: No such file or directory
.....

Finished in 1.15 seconds (files took 1.39 seconds to load)
107 examples, 0 failures

Coverage report generated for RSpec to /Users/saipatibandla/Desktop/dev/EA-Block-Scheduling/coverage.
Line Coverage: 92.09% (198 / 215)
○ saipatibandla@Sais-MacBook-Pro-2 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 92.09%, and cucumber is above 95%. We are working to improve the cucumber coverage and some of the failing cucumber tests