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, Arunima 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.
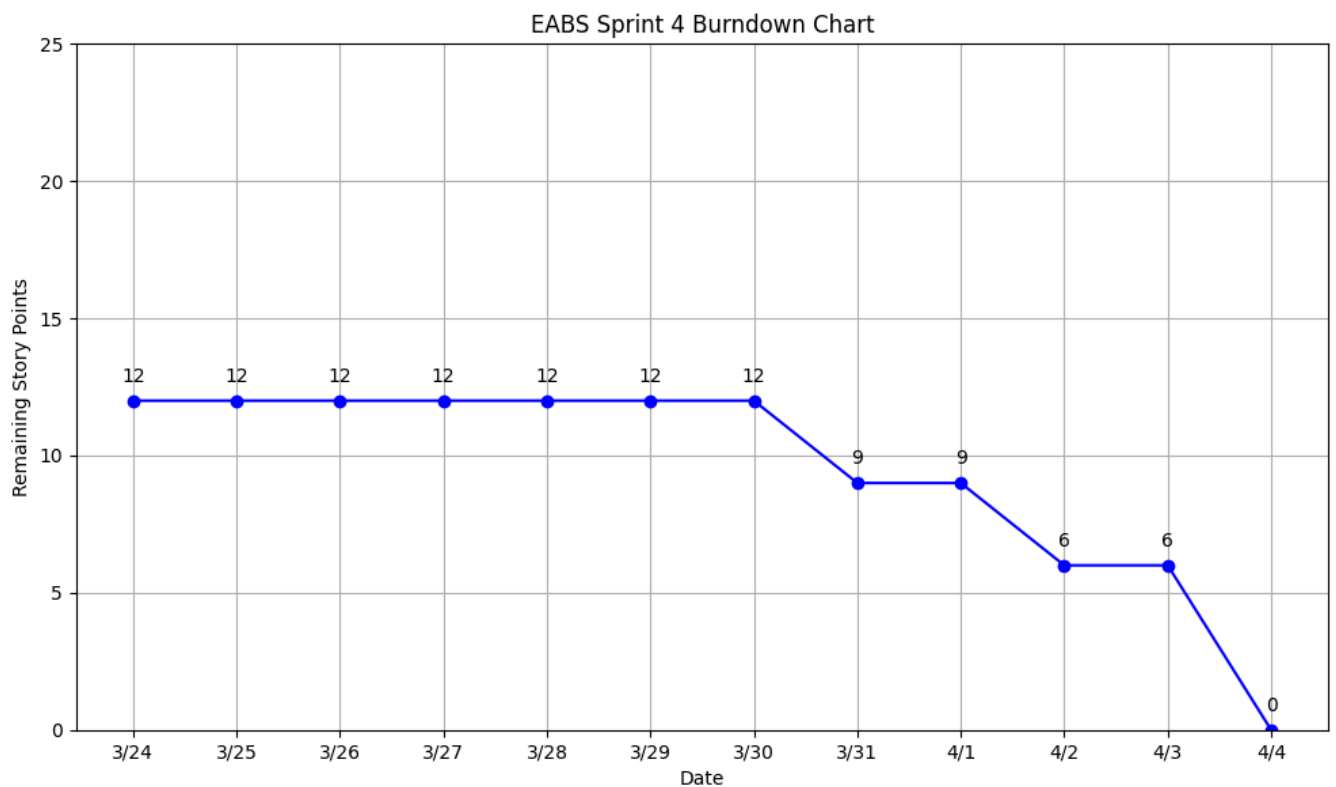- Complete the integration of adding courses to the database..

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
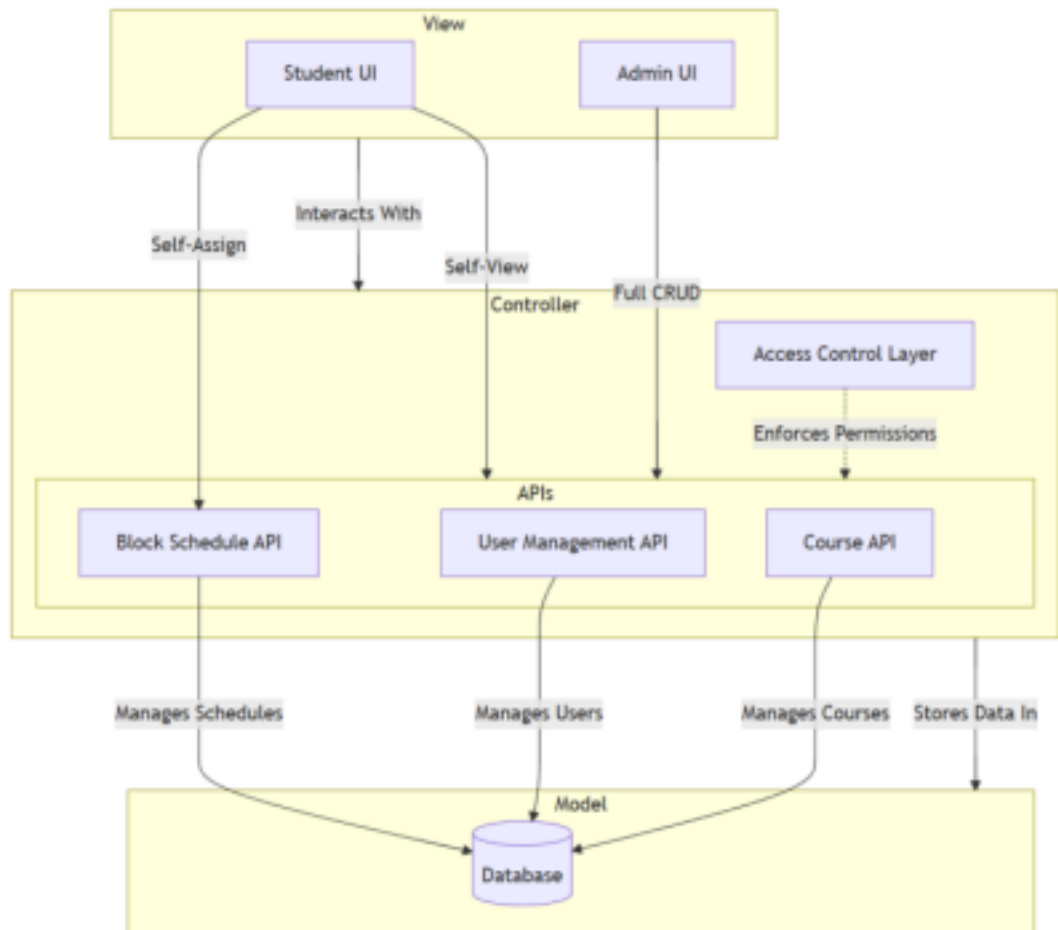- Selection of courses form database is work in progress

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

EABS Sprint 4 Burndown Chart

Design Diagram

View
- Student UI
- Admin UI

Interacts With

Self-Assign

Self-View

Controller

Full CRUD

Access Control Layer

Enforces Permissions

APIs
- Block Schedule API
- User Management API
- Course API

Manages Schedules

Manages Users

Manages Courses

Stores Data In

Model

Database

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