Sprint 1 Retrospective

1. Deployed App

Taiga (project page): https://tree.taiga.io/project/aaronjones05-block-scheduler/wiki/home
Taiga (sprint 1 page): https://tree.taiga.io/project/aaronjones05-block-scheduler/taskboard/gifted-macaw
Deployed App: https://ea-block-scheduler-4fecd886e389.herokuapp.com/generate-schedule
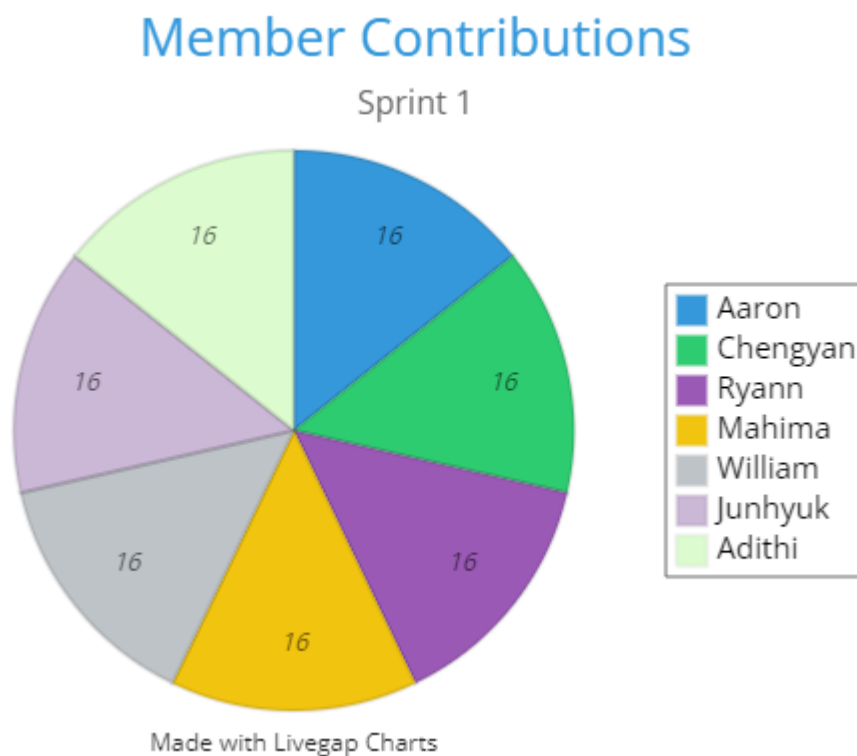Team Working Agreements: https://github.com/tamu-edu-students/EA-Block-Scheduling/blob/main/documentation/Team%20Working%20Agreement.md

2. Dates of the Sprint

27 Sep 2024 to 11 Oct 2024

3. Information about Team and Member Contributions

4. Sprint Goal

- Create the basic app and deploy it
- Make basic UI for the login page(Button, Header...)
- Schedule generate algorithm
  - When I input mock class data, I should see a list of possible schedules with a simple algorithm, such as separating overlap.
- Build basic UI page like Aggie Schedule Builder
  - It will show the selected classes
  - It has a `Generate` button for generating schedule
  - After generating possible schedules, user can view the schedule through `View` Button

- Implement the basic database

5. Sprint Achievements

Finished User Stories:

1. Initialize the Ruby on Rails repo and configure Cucumber
2. Deploy the app to Heroku
3. Generate Schedule Page
4. Add functionality to the login and sign up buttons
5. Add a landing page

6. Sprint Backlog Items and Status

1. **+ Show schedule timetable**
   - This change was made as this task was not completed, so this task was backlogged for the next sprint. It will be reassigned and splitted into smaller tasks.
2. *** Implement the basic database**
   - The database hasn't been finished yet due to some migaration problems. It will be fixed in sprint 2.
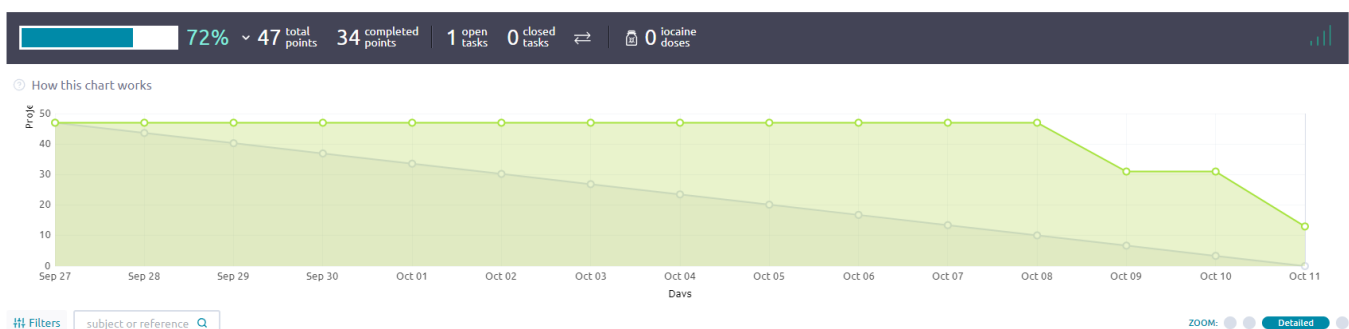3. **+ Upload the excel spreadsheet**
   - Feature was developed successfully but the cucumber scenarios were not successfully passing so the testing is pending. Hence, pulling the story in next sprint and will be completing the story end to end.
   - Will be working on this story in sprint2
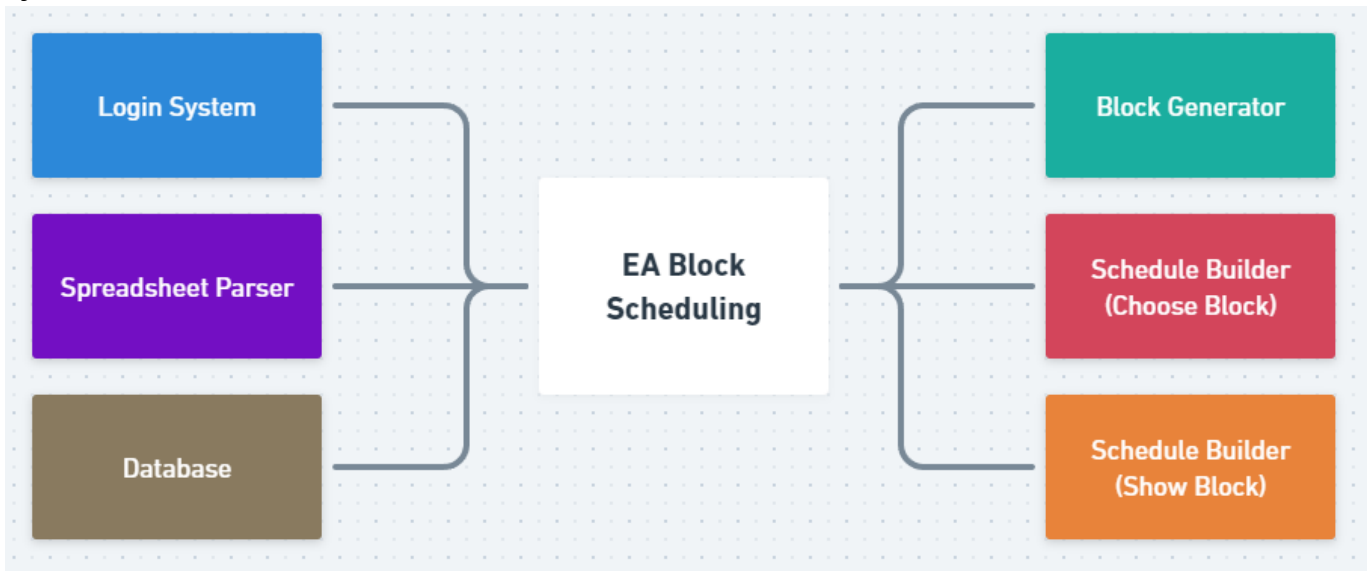4. *** Block Generation Algorithm**
   - Class objects were finished but the algorithm should be redesigned. Prof.Shanna provided additional information about block generating conditions and typical blocks in the meeting.

7. Burndown

8. Design Diagrams

System Structure:

9. Documentation of Changes

1. User Story #11 Show schedule timetable will be reassigned and splitted into smaller tasks.
2. The block generation algorithm will be redesigned after meeting with our client.

10. Evaluations of Code and Test Quality

Test:

Code Quality: Code climate will be set up in the next sprint.

11. Customer Meeting

Reviewing progress with Shana (client)
Online meeting
Oct. 10

- UI mockup
- Basic page ("Selected courses")
- Login page for landing

- Block generation algorithm

12. BDD & TDD

Cucumber scenarios and rspec examples have covered all features developed in this iteration.