

# Sprint 4 Plan

## Team Roles:

Scrum Master: William David Vanderpuye

Product Owner: Junhyuk Lee

Developers: Mahima Bhatt, Adithi Srinath, Ryann Lu, Chengyan Tsai, Aaron Jones

## Customer Meeting:

Customer meeting date/time/place: **(Thursday, 4:40 pm by zoom)**

During our meeting with the client, we presented our work that we had developed thus far. We demonstrated our updated UI features on our login system and schedule builder, as well as our updated excel parser. The client asked us to ensure that we have multiple admins to ensure that we all have access to the admin features of our program. We finished the meeting with some extra nice-to-have features like live course capacity and a database of student classes taken that can match to the prerequisites of the different classes of our block scheduler.

## Goal:

By the end of this sprint, our deployed app will be able to generate schedules with typical blocks and we hope to have a fully functional application with limited features. We also plan to have a user form to be able to show what classes a student has completed.

## Stories in Sprint Backlog:

#36 Set Typical Classes Grouping on the Web (5 points)

#40 User pick rest of classes (5 points)

## User stories for this sprint:

#38 application makes possible blocks with conditions (8 points)

- Develop algorithm to apply block generating conditions for typical blocks made by admin: 4 hours (Junhyuk Lee)

#39 generate possible blocks (8 points)

- Blocks are generated automatically through algorithm: 6 hours (Junhyuk Lee and Ryann Lu)

#90 Create Database Schema (5 points)

- Creating a way for class data to be stored more efficiently: 4 hours

#91 Fix UI for header and footer (5 points)

- Upgrading the style and making the headers and footers look more like current A&M pages: 2 hours (Chengyan Tsai)

#92 Add UI for landing page (5 points)

- Upgrading the style for the landing page and adding more functionality: 2 hours (Chengyan Tsai)

#93 Fix UI for dashboard (2 points)

- Making sure all buttons on the landing page work and link to correct pages: 1 hour (Chengyan Tsai)

#94 Add corequisite and type column to course table for schedule generation (3 points)

- Populate corequisite and type automatically based on course name: 6 hours (Ryann Lu)

#95 Create form for completed courses (8 points)

- Be able to select completed courses so that the algorithm can tailor a schedule that fits that student: 6 hours (Ryann Lu)

#96 Bug Fix - Dashboard (6 points)

- Handle invalid user login: 3 hours (Adithi Srinath)

## Links:

Github Repo: <https://github.com/tamu-edu-students/EA-Block-Scheduling>

Taiga (project page): <https://tree.taiga.io/project/aaronjones05-block-scheduler/wiki/home>

Slack (invited by TAMU email): [eablockschedu-p7f8313.slack.com](https://eablockschedu-p7f8313.slack.com)