

# Sprint 3 Plan

## SlugSync

Due: 5/21/24

### Goal:

Finish core goal functionality, expand searching options and add comments.

User Story 1 [Trevor]: As a user, I want to be able to comment directly on a goal, so that I can interact with other users and the goal.

#### Tasks:

- Add backend API to retrieve comments according to goal 1 hour
- Add backend API to add comment to goal 1 hour
- Add frontend field to add comment 1 hour
- Add frontend field to view comments 1 hour
- Add data column to jsonb data for comments on a goal 0.5 hour
- FE + BE testing 1.5 hours
- E2E testing 1 hour

Total: 7 hours

User Story 2 [Akshitha]: As a user, I want to be able to set start and end dates for my goals so that I can easily follow them.

#### Tasks:

- Create a backend function/api that calculates goal start date, occurrence numbers etc (1-2 hrs)
- Create a function that stores the information in the goal table(1-2hrs)
- Create frontend with a nice date picker(2 hrs)
- FE + BE + e2e testing (3hrs)

User Story 3 [Hunter]: As a user I want to be able to complete goals so that I know when I am done with certain tasks

#### Tasks:

- Finish up task from sprint 2 (30 mins)
- (Spike) Figure out the best way to keep track of completed/not completed goals and recurrence (2 hrs)
- Add recurrence functionality to the database (30 mins)
- Add associate routes to make that work (2 hrs)
- Backend thorough testing (2 hrs)

- Add frontend ui state the reflect those changes (might need a refetch context) (4-5hrs)
- Frontend tests (2-3 hrs)

User Story 4 [Arnav]: As a user, I want to have my goals be sorted according to the number of members in a goal or according to goal tags, so that I am able to navigate it easier.

*Tasks:*

- Create backend function for querying the number of members for a specific goal [1-2 hr]
- Create a backend function to return goals from the db that have a specific tag [2hr]
- Add component for filtering by specific tags [3hr]
  - Default behavior: most popular should be default
  - Add a frontend component for sorting by members if time [not necessary]
- Test frontend + backend + e2e [3hr]
- Add better e2e test for tags from sprint 2 [30 min]
- (Spike): Figure out DB querying + how to filter goals by tags[30 min]

Issue 1 [Harshit]: Ensure that the owner of a goal is the only user who can delete and edit a goal. Enforce an ownership structure for goals.

*Tasks:*

- Spike: Read up on middleware. [2 hr]
- Add a new private route in which the entire application except for login and sign up is placed inside. [3 hr]
- Add logic to check login status, and redirect to the home page when not logged in. [2 hr]
- Add authorization to all fetch calls (authorization bearer). [2hr]
- FE, BE, and e2e testing, as needed [3 hr]

Legend for story point sizing:

- 0: less than an hour
- 1: 1-3 hours
- 2: 3-6 hours
- 3: 6-8 hours
- 5: 8-14 hours
- 8: 24 hours
- 13: entire sprint

Harshit: product owner and developer

Hunter: developer and scrum lead

Akshitha: developer

Trevor: developer

Arnav: developer

Scrum meeting times:

- Friday 1pm at BE Lab
- Monday and Wednesday 8pm