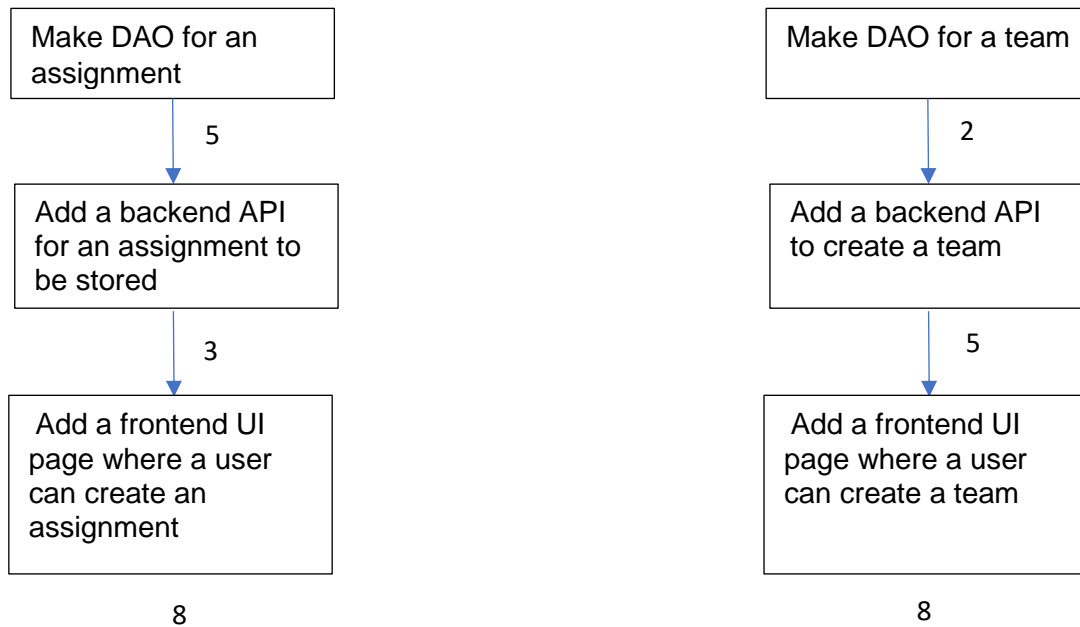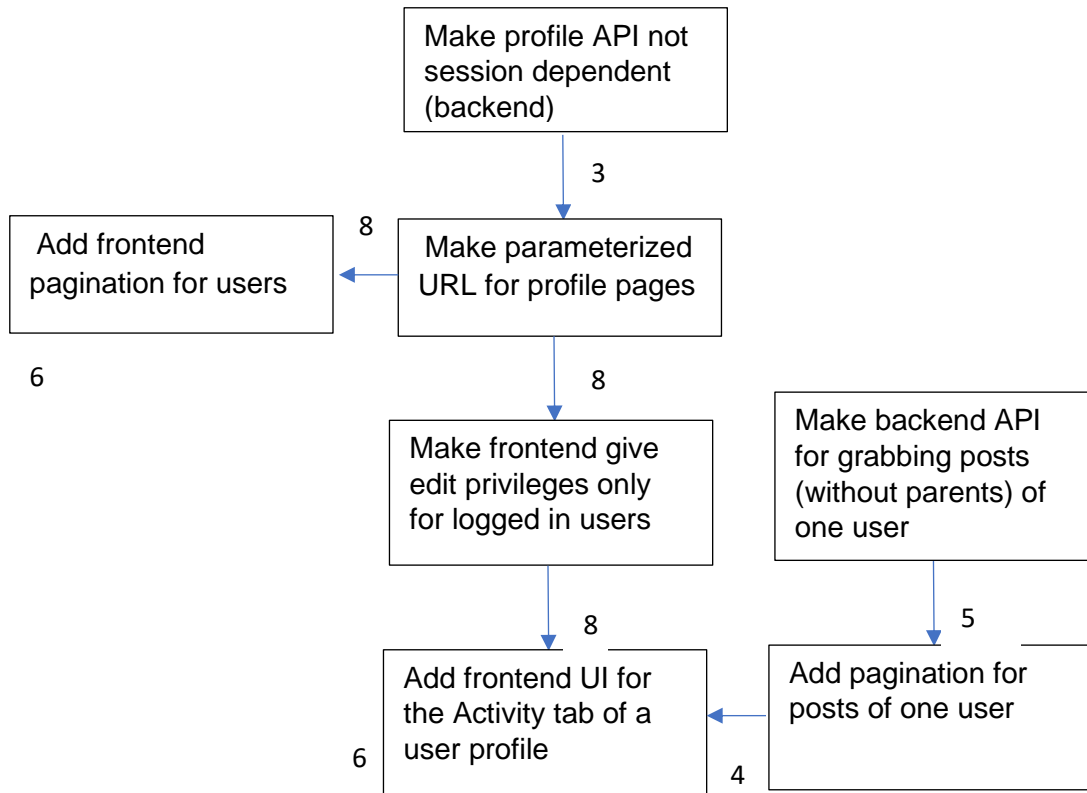# Schedule

In sprint 2, we organized the tasks so that all the user stories have minimal dependencies. Hence, there are 5 main critical paths in the project for each user story (2 of the tasks don't fit into a path). We also tried to limit our dependencies so they're within each user story. Most of the dependencies are frontend depends on backend code. The longest critical path, and the only one which covers more than 1 user story, is related to the profile page and includes the profile story and the activity story. To keep things in schedule, the group started this task immediately and made deadlines for each task with the goal of completing everything 2 days in advance. Using this schedule, which we enforced during stand-up meetings, we were able to complete all user stories successfully in sprint 2.

(Weights are given based on estimated times on jira to complete the task).

Make DAO for an assignment		Make DAO for a team
5		2
Add a backend API for an assignment to be stored		Add a backend API to create a team
3		5
Add a frontend UI page where a user can create an assignment		Add a frontend UI page where a user can create a team
8		8

```
┌─────────────────────────┐
│ Make profile API not    │
│ session dependent       │
│ (backend)               │
└─────────────────────────┘
              │ 3
              ▼
┌────────────────┐  8  ┌─────────────────────────┐
│ Add frontend   │◄────│ Make parameterized      │
│ pagination for │     │ URL for profile pages   │
│ users          │     └─────────────────────────┘
└────────────────┘              │ 8
   6                            ▼
                   ┌─────────────────────────┐   ┌─────────────────────────┐
                   │ Make frontend give      │   │ Make backend API        │
                   │ edit privileges only    │   │ for grabbing posts      │
                   │ for logged in users     │   │ (without parents) of    │
                   └─────────────────────────┘   │ one user                │
                            │ 8                   └─────────────────────────┘
                            ▼                              │ 5
                   ┌─────────────────────────┐   ┌─────────────────────────┐
                   │ Add frontend UI for     │ 4 │ Add pagination for      │
                   │ the Activity tab of a   │◄──│ posts of one user       │
               6   │ user profile            │   │                         │
                   └─────────────────────────┘   └─────────────────────────┘
```

```
┌─────────────────────┐              ┌─────────────────────┐
│ Revamp post         │              │ Create a new        │
│ pagination API to   │              │ pagination API that │
│ include [start:end] │              │ only gives replies  │
│ number of posts     │              │ [start:end] for one │
│ without parents     │              │ post                │
└─────────────────────┘              └─────────────────────┘
          │  2                                 │  5
          ▼                                    ▼
┌─────────────────────┐              ┌─────────────────────┐
│ Fix frontend        │              │ Make pagination for │
│ pagination for posts│              │ replies of one post │
│                     │              │ (frontend)          │
└─────────────────────┘              └─────────────────────┘
          3                                    │  5
                                               ▼
                                     ┌─────────────────────┐
                                     │ Create a frontend UI│
                                     │ for replying to a post│
                                     │                     │
                                     │                     │
                                     └─────────────────────┘
                                               6
```