

## I. Submissions

- A private repo was created for each team on the course's GitHub organization.
- The SCRUM Master for each team was added to the repo. It's now the SCRUM Master's responsibility to invite the rest of the team members to the repo.
- **For sprint 1, you are required to submit the deliverables below, all via the team repo:**

Monday 25 <sup>th</sup> Feb 11:59PM	Sprint Backlog (template provided)
Saturday 2 <sup>nd</sup> Mar 11:59PM	<ol style="list-style-type: none"><li>1. Updated sprint backlog</li><li>2. Sprint implementation</li><li>3. Estimation report. Report includes:<ol style="list-style-type: none"><li>a. Velocity per team member ( story points per hour)</li><li>b. Average team velocity</li><li>c. Sprint burndown chart</li></ol></li></ol>

## II. Implementation

In sprint 1 you are asked to implement the **CRUD** (Create-Read-Update-Delete) operations for all the entities/models in your user stories (example entities are: investor, project, event etc).

## III. Process

The sprint starts with the **sprint planning face-to-face meeting**, which involves:

- Selecting the user stories to be implemented in this sprint.
  - For this sprint, you may have to add new user stories that show the **CRUD operations**, if you did not include this level of detail in the product backlog user stories.
  - The “Search” user stories should be left for later sprints, as some search functions will be easier to implement using frontend components.
- Each user story is assigned to a team member. The **assignee** is identified in a column in the sprint backlog.
- The team needs to identify **dependencies** between user stories **assigned to different members**.
  - Dependencies are identified in a column in the sprint backlog.
  - Team members working on dependent user stories must agree on the object attributes and any other dependency points during the sprint planning meeting.

- For dependent user stories that are assigned to different team members, a **testing user story** is added to the sprint backlog. In this user story, team members involved will test the integration between their user stories.
- Using MongoDB is **optional** in this sprint. You may follow the same approach used in the lab by storing entities/models in an array. Members who are already familiar with Mongo may use it, as long as this does not affect other dependent user stories.
- The sprint backlog includes the effort required to implement and test each user is expressed in terms of **story points**.
  - As discussed in lecture 5, Story points are a relative measure of the effort required to complete the implementation and testing of the user story.
  - Story points can take the Fibonacci values of 1, 2, 3, 5 or 8 etc.
  - As a team, you should aim to distribute story points to members equally.
- Only user stories merged on the Master Branch by the end of the Sprint will be graded. Merging to the Master branch requires reviewing **by at-least 2 other team members**. Make sure to pull-request early enough before the deadline to allow sufficient time for your colleagues to review. **Reviewers share the responsibility if the merge crashes the repo.**
- A guidelines document for the repo structure, coding style and review rules is available on <https://github.com/SE-GUC/main/blob/master/guidelines.md>.

**Best of Luck.**