

Project Sprints 2,3,4

Product Backlog

On each sprint, update product backlog including stories that remain uncomplete from previous sprint, or new changes that emerge. Place the updated PB.md in `doc/sprint2`, `doc/sprint3`, `doc/sprint4`.

Sprint Retrospective and Sprint Planning meeting

As you complete the previous sprint, you must have `SRn.md` (`n` is your previous sprint number). Once the presentation and sprint retrospective finishes, you must hold next sprint planning meeting and record it in `sprintn.md` where of course `n` is the new sprint number.

Project Tracking using Jira

- Make sure to prioritize and estimate your new stories.
- Also, stories previously estimated, can be re-estimated based on the experience earned from previous sprints.
- Start your stories.
- Make sure to use the story ID/Task ID in your git commit messages so you get your activities added to your stories.
- The tasks that you have listed in `sprintn.md` should figure out as Activities on your tracker and of course the name of the person who records the activity must match the name of the person to whom the task has been assigned.
- Generate burndown chart using Jira. Include the generated chart in a document called `burndown.pdf` placed under your `doc/sprintn` folder. Write your comments about burndown chart in this document. Also compare the planned velocity with the previous sprint velocity. Explain why your velocity did change (or why did not change).
- Identify tasks that have dependencies and prepare a network diagram (similar to the diagram in page 38 of lecture 4 - week 5). Identify critical path. Explain what did you do to keep your sprint in schedule. In case you were unable to finish, explain (using your diagram) what did go wrong and what did you learn from it. Write your findings in a document called `schedule.pdf` and place it under your `doc/sprintn` folder. Make sure to include diagram in your PDF.

System Design

Make the necessary changes to the The System Design document. Store it in the folder `doc/sprintn`, `n=2,3,4`.

Inteview with the TA

Please make sure to implement at least three major features of your project. You should be able to demo your software end of sprint, during your tutorial. By the tutorial time, you must have already committed to github the required documents and finished (on the tracker) the stories you are demo-ing.

During the demo, all the team must be present. The TA will mark the attendance for everyone on the team and ask you to show (no more than 3-5 min!) your working software. The TA should be able to use the

software to the extent of the feature(s) you have already installed.

Once the other teams present to the TA, you should conduct your previous sprint retrospective meeting. Appoint a scribe and document your observations about sprint n in a document named **SRn.md** in **doc/sprintn**. You should record:

- the participants in the meeting
- unfinished tasks and group them into stories; add them to **SRn.md** in the form of new user stories. Update your **PB.md** and save the updated copy in **doc/sprintn** (prepare for next sprint!)
- what are practices that you should continue during next sprint
- what are some new practices that you might want to use during next sprint
- what are (if any) harmful practices you should stop using during next sprint
- what was your best/worst experience during previous sprint.

Marking

This deliverable is worth 8% of your final mark. See marking scheme, also check out carefully the Peer Evaluation posted on the project page.