
Main Project

Software Engineering II

2024-10-24

CHECK-IN

- Remember to check-in !
- It closes at 11:45am



<http://tiny.cc/chek-in-SE2-24-Oct-2024>

Product Owner and Scrum Master

- Can be contacted at (almost) any time on Telegram
 - Answers will come typically during “office hours”
- PO (post a response to stories link)
 - Clarification on stories (use #story-id)
 - Discussion during planning
- Scrum master (response to key concepts reminder)
 - How to work
 - What can (not) be done

Daily Scrums

frequent

- Perform “~~daily~~” scrum
 - at beginning of new work session or
 - beginning of lecture
whichever come first
 - Anytime you can meet together
- Record spent time on scrum meeting on YouTrack

Time budget

- 8 person-hours per team member per week
- Sprint duration: 2 weeks
- Effort budget per sprint
 - 64 hours for 4-members teams
 - 80 hours for 5-members teams
 - 96 hours for 6-members teams
 - 112 hours for 7-members teams

Estimation and planning

- All stories entered in a new project board
- At least half of stories estimated
 - Story points
- Planning for the first sprint
 - Sprint started
 - Stories selected assigned to the sprint
 - All tasks estimated in hours
 - Keep in mind your time budget
- By Tuesday 29 October everything available on YouTrack

Share information on your repositories

- On the shared Google sheet
- <http://tiny.cc/SE2-2024-teams-repo>
 - By Tuesday 29 October columns YouTrack and Github must be filled
 - You will insert data about Docker and Sonar Cloud after the respective workshops



Deadlines and requirements – part 1

- Tue Oct 29 – Estimation of 1 / 2 of stories and first sprint planning
 - Youtrack and Github repositories shared on <http://tiny.cc/SE2-2024-teams-repo>
- Thu Nov 7 – Demo 1
- Thu Nov 21 – Demo 2 – **Release 1**
 - The **release** consists in providing a Docker container with all the software
 - Plus instructions on how to start and use the system
 - Must contain the full deployment
 - Estimation of all available stories
 - Docker repository shared on <http://tiny.cc/SE2-2024-teams-repo>
 - Docker container deployable by third parties

Deadlines and requirements – part 2

- Thu Dec 5 – Demo 3
 - Sonar cloud repository shared on <http://tiny.cc/SE2-2024-teams-repo>
 - Sonar cloud analyses performed and track of TD management
- Thu Dec 19 – Demo 4 – **Release 2**
 - Docker container deployable by third parties
 - Sonar cloud analyses performed and track of TD management
- Fri Jan 10 – Teaser video on YouTube

CHECKLIST

Checklist for project self-evaluation (1)

■ COORDINATION AND PLANNING

- Are Scrum Meetings performed regularly?
- Is workload among team members balanced?
- Is workload of members close to the expected one?
- Are user stories moved to sprint boards according to planning and actual development?
- Is task size consistent with guidelines?
- Are tasks estimated?
- Is time spent on tasks tracked?

Checklist for project self-evaluation (2)

- Are all sprint boards complete with planned tasks?
- Are there estimated and tracked technical tasks?
- Are retrospectives conducted collectively?
- Are retrospectives filled with meaningful and precise data?
- Do retrospectives generate concrete and verifiable improvements in next sprint?

Checklist for project self-evaluation (3)

■ DEVELOPMENT AND QUALITY ASSURANCE

- Is the definition of done fully respected?
- Are all functionalities of a story working properly?
- Is priority of backlog respected?
- Is there evidence of manual testing?
- Are test data for demo prepared in advance?
- Is technical debt management estimated?
- Is technical debt management performed and tracked?
- Is deployment of container tested on more than a pc?

Checklist for project self-evaluation (4)

- Are the instructions to run your docker image present on DockerHub or GitHub?"
- Is documentation of the release complete (e.g., credentials, readme, etc.)?
- Are GitHub issues promptly opened after giving feedback?
- Is follow-up activity on a feedback GitHub issue properly tracked?

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