
2IO75

Embedded systems

Scrum Planning

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embedded



Group 25

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1 | Scrum Planning

In this section the scrum planning is discussed in detail. For starters, the team is using Jira software to organize and develop its scrum board. This is a very useful tool as it can be directly linked to the GitHub Repository and teams. The overall planning can be seen in figure 1.3, where the major deadlines are indicated in red, the weekly submissions are indicated in orange and the main parts of the projects(Epics) are indicated in Blue(mechanics),yellow(electronics) and green(software).

Furthermore, each Epic consists of smaller sub tasks that are currently stored in the backlog and will be divided on the first meeting of each sprint to organise the upcoming sprint. A visualization of the backlog can be seen in figure 1.1

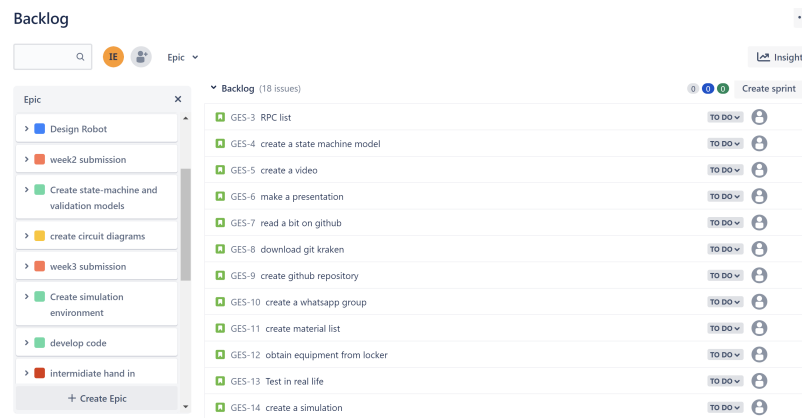


Figure 1.1: Backlog, where the sub tasks are stored before division over sprints

An example of the division of backlogs in sprint 1, which was started on Monday the 25th as indicated in the overall planning, can be seen in figure 1.2 below. Each team member is currently assigned a task to be completed before next meeting.

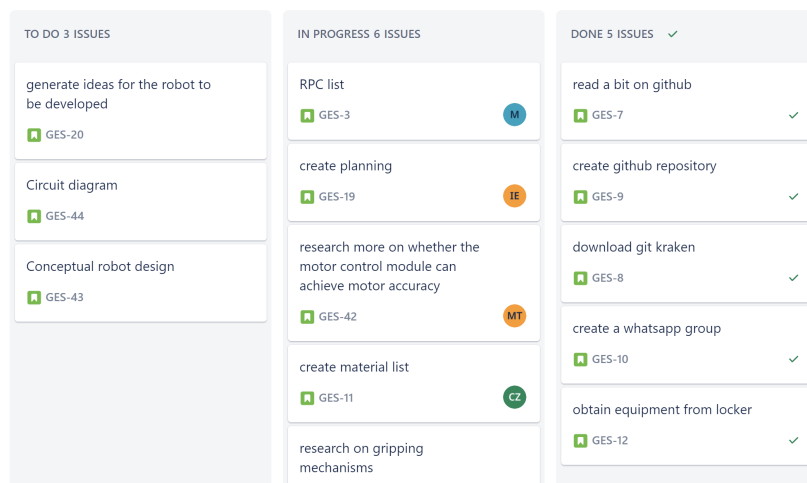


Figure 1.2: Scrum board of Sprint 1 / week 1 and the task division

<https://2io75group25.atlassian.net/jira/software/projects/GES/boards/1>

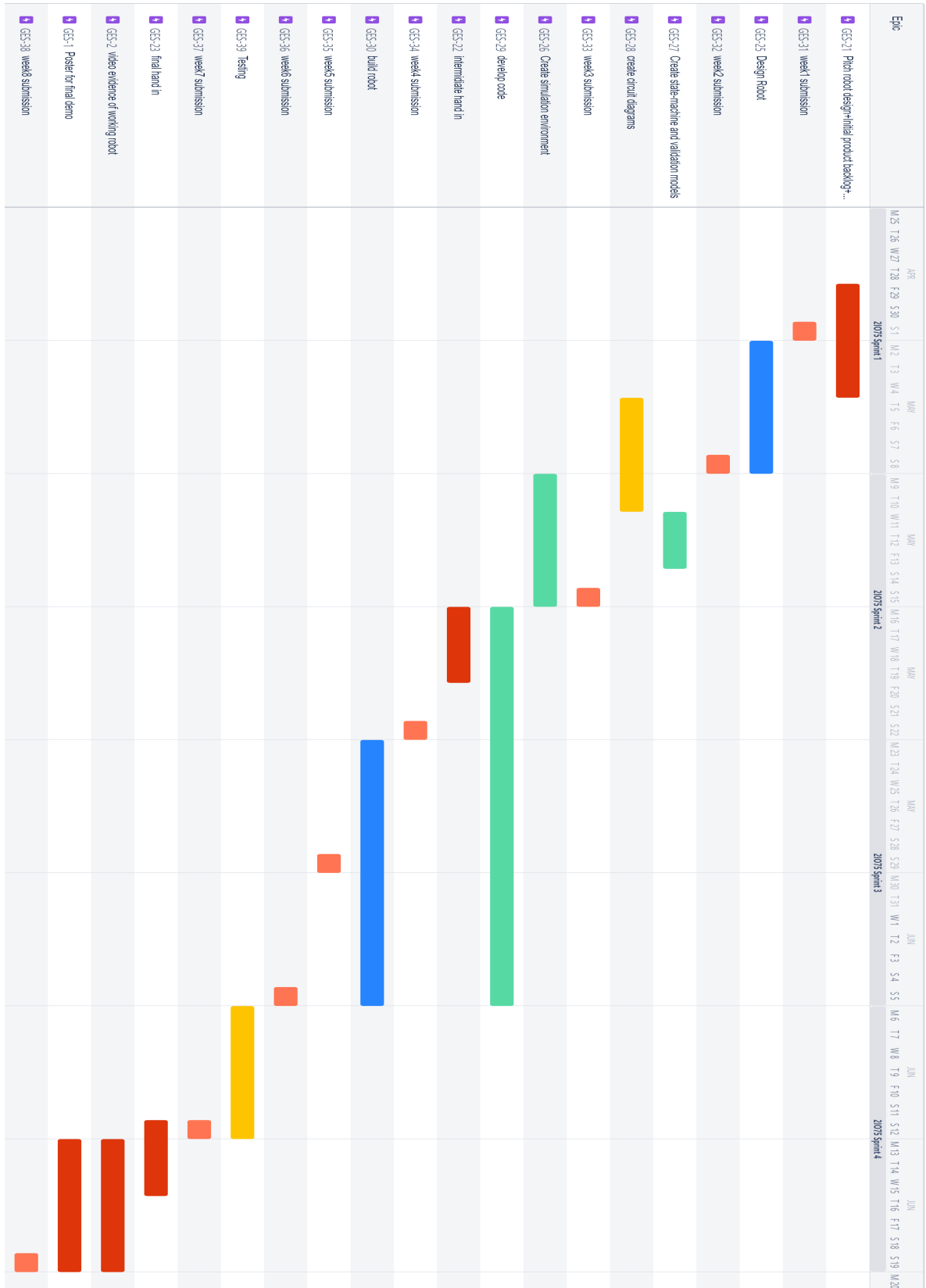


Figure 1.3: Overall planning of the project

2 | Agreements and Organisation

2.1 Agreements

- Meetings will be in the time slots on Monday and Wednesday 30 mins with the tutor and 1 hour for the team.
- communication will be held via Whatsapp
- File sharing through GitHub and GitKraken
- Minute taking will be divided among the team skipping the Scrum Master
- demo/reports will be used to represent the work done since the last meeting.
- The planning is held via Jira Software
- Minutes should be Uploaded to The github folder on the same day
- Chosen development language is C++

2.2 GitHub repository

https://github.com/ismailelmasry/Embedded_system_group25

The Github repository is divided into sprints, where all the files can be uploaded. The Code and the simulation files have their own folders, as they are continuous blocks that span a couple of sprints.

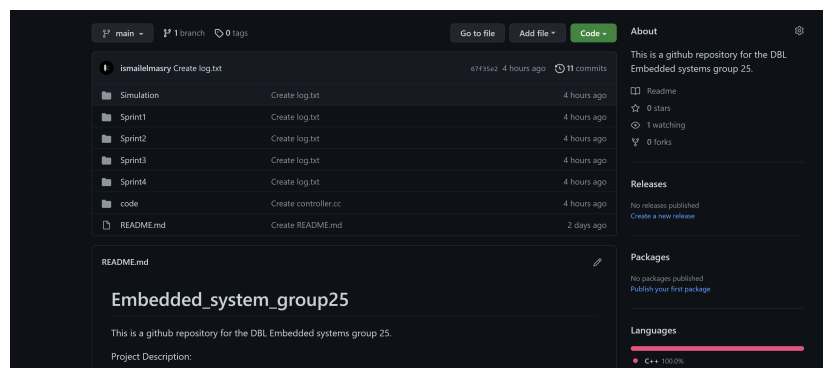


Figure 2.1: Github file Division