



SWE30010 - Managing IT Projects

TASK 09: Sprint Planning Meeting

HUMAN RESOURCE MANAGEMENT WITH
ATTENDANCE SYSTEM

Group 2

GROUP 2 INFORMATION

Name	ID	Tutor	Class
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1. TASK ALLOCATION

Initializing

Using Trello, we create a task board completed with the different stages of task completion as follow:

- Product backlog items: Lists all the products in the current sprint.
- Sprint backlog items: Lists all the tasks associated with the backlog items.
- To do: Items not yet started
- Doing: Item currently being developed.
- Testing: Checking of items that are moving from the “doing” to “to be confirmed” state.
- To be confirmed: Item being checked for the last time before being marked done.
- Done: Item successfully developed and test

The items in the sprint and backlog are recorded on Trello as follow:

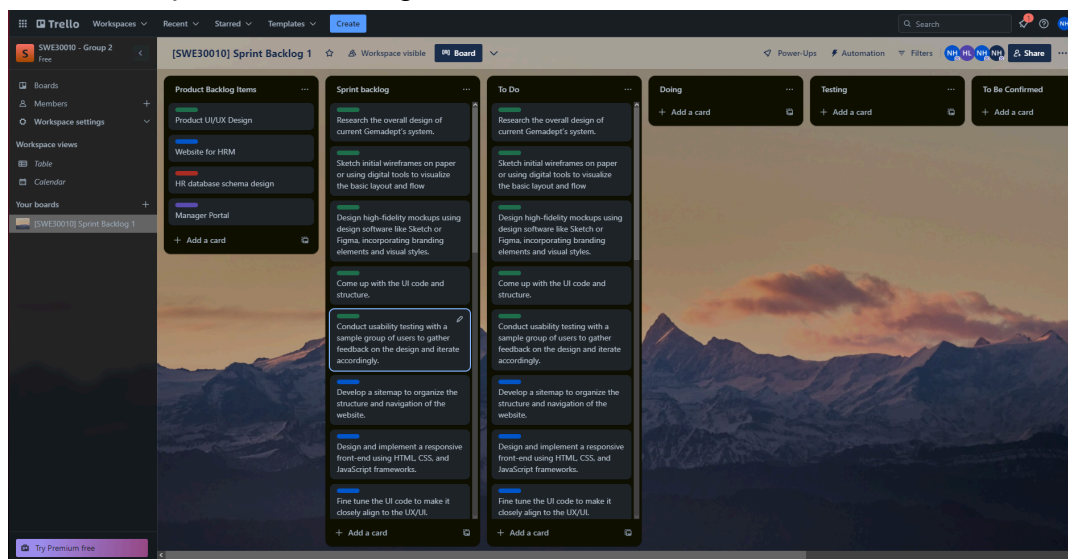


Figure 1.1: Screenshot of Trello task board

Rationale

As can be seen in the Trello screenshots, we have outlined the items based on the predefined categories above. Since this is day 0, only planning was done and no other work is made.

2. BURN-DOWN CHART

Using burn-down chart

To ensure there is a measurable method of calculating the effort being made or used in the project, we rely on burn-down data, where each task is allocated a specific completion time. We've divided all the products in the product backlog into four sprints, each lasting approximately three weeks, given our maximum project duration of 12 weeks. This enables us to compile a table detailing the total time and duration of each item.

This table serves as the basis for generating the optimal burn-down chart for our project after day 0.

Sprint 1					
	Burned Down		Balance		Daily Completed
Day	Estimate	Actual	Estimate	Actual	
0	0	0	240	240	0
1	4		236	240	
2	8		228	240	
3	6		222	240	
4	8		214	240	
5	10		204	240	
6	6		198	240	
7	8		190	240	
8	4		186	240	
9	8		178	240	
10	21		157	240	
11	30		127	240	
12	8		119	240	
13	8		111	240	
14	4		107	240	
15	4		103	240	
16	10		93	240	
17	10		83	240	
18	7		76	240	
19	26		50	240	
20	30		20	240	
21	20		0	240	

Figure 2.1: Burn-down table

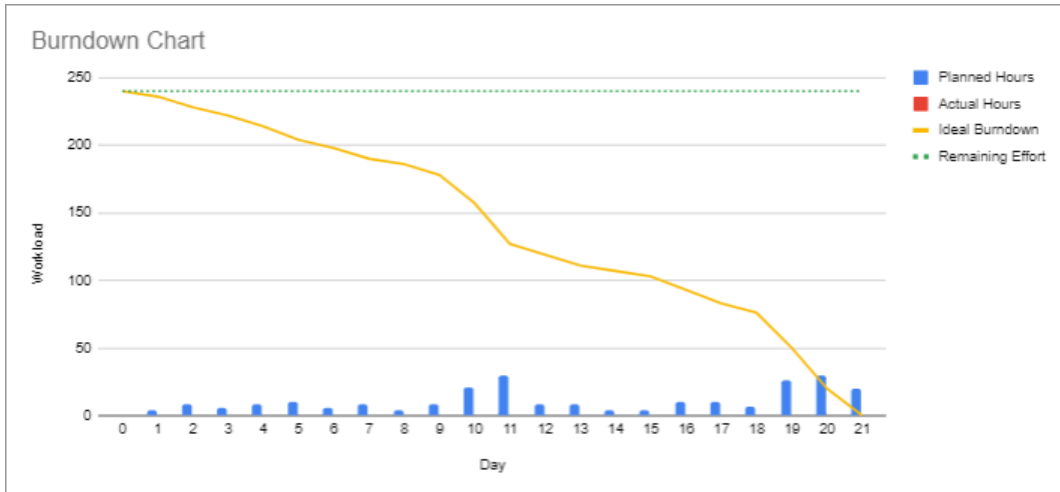


Figure 2.2: Burn-down chart

Analysis

As can be seen, some of the tasks outlined as done in the task board translate rather well in this ideal burn-down chart, and since this is day 0, we can see only the estimated time of the whole project.

3. CODE REPOSITORY

The front and back end code folders of the project were created in the local machine and then pushed onto the Github repository. So far, there has been little to no movement surrounding these folders, but as the project goes on, there will surely be updates being made into these repositories.

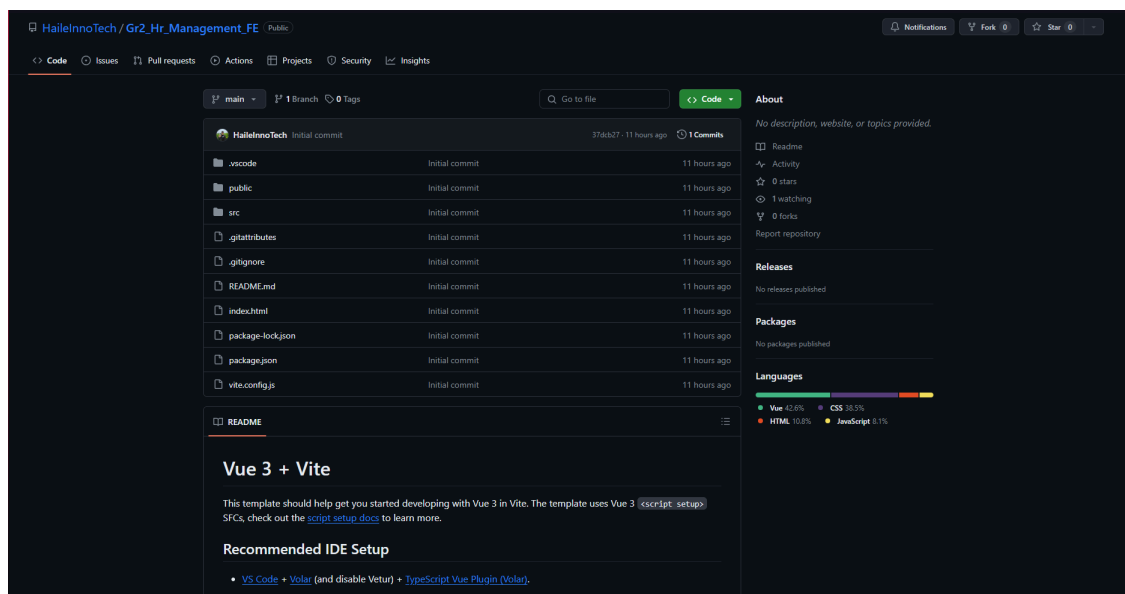


Figure 3.2: Front-end code repo on github

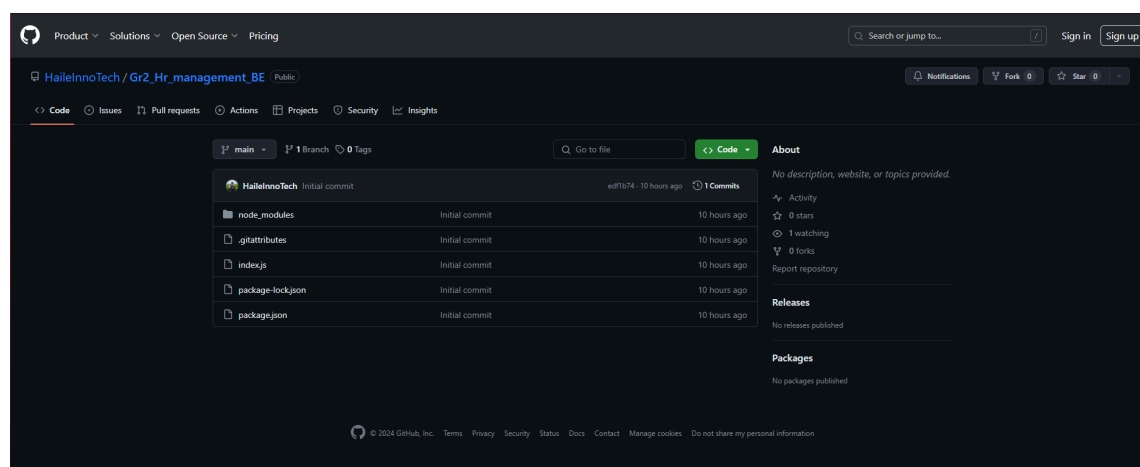


Figure 3.2: Back-end code repo on github