

SWE20001: Managing Software Projects

Pass Task 21P

Team

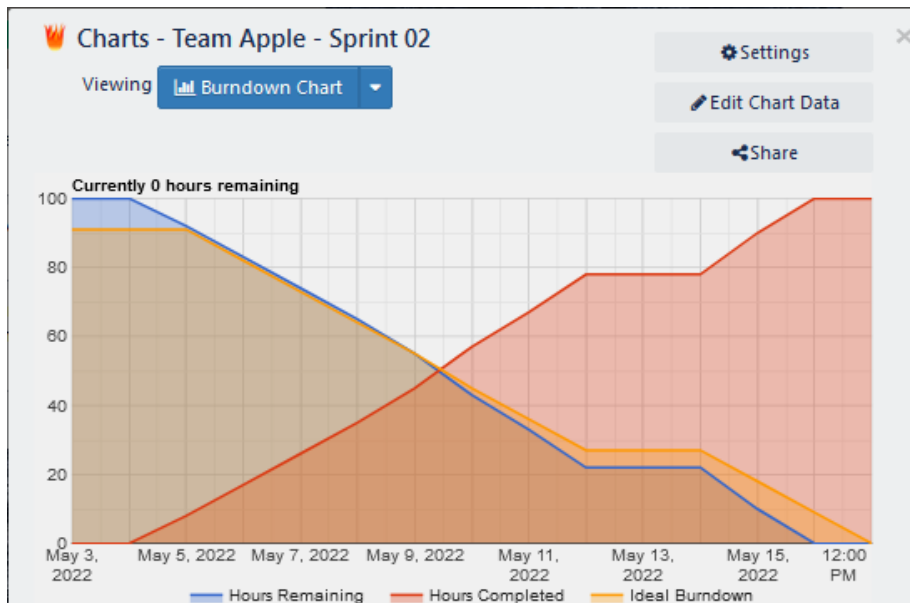
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Tutorial: TUESDAY 12:30PM

Tutor: Naveed Ali

Burndown Chart for Sprint 2:



Observation in Burndown Chart:

By examining the given burndown chart where the team's actual progress is represented by blue, and the originally planned progress is represented by orange.

[Note, here the orange and red line is considering an extra day as we had not been able to take the screenshot on the proper day and thus the orange line and red lines have moved accordingly. But the Blue line which shows the days we had worked on the sprint has remained the same for the sprint (10 days)]

The team's progress has been relatively stable, as seen in the burndown chart, with the only gap being at the very start (3-4 May) and just before the end (12-14 May), leading to the team being able to complete relevant tasks and finish off the sprint (sprint 2) within the given time frame.

Explanation of the Burndown Chart:

In the initial stage, the team had a late start as it was near the end of semester and the members had other commitments to fulfil when it came to other units. But the team managed to get the remaining tasks completed in yet a short period of time within 10 days.

Once the team started to work, we were able to maintain an overall steady velocity with slight fluctuations (like an hr. or so difference), making the slope seem a bit more curved than a straight line.

Furthermore, near the end of the Sprint, after the weekend break, the team had managed to maintain similar velocity and productivity to complete the final task and fix some of the mistakes that had been left in the earlier tasks. Thus, we managed to get everything done in time and show off all the codes properly.

Estimate-wise consideration:

Our estimates had been previously considered following the assumption that since we were able to develop similar functionalities in the same time frame as before, we should be able to do the same in Sprint 2. Thus, when we finished our Sprint 2, we weren't too surprised as we had maintained the same velocity we had displayed in the earlier sprint. Thus, we hadn't overestimated or underestimated our abilities

Team process:

Our team process had remained the same as that which had been seen near the end of the earlier sprint when we had all begun to work in a coordinated manner, knowing each of our roles and priorities. Thus, it was like an orchestra with Pasan being the conductor and the rest of us being the musicians, playing our melody with his guidance and instructions. So compared to the earlier sprint, it was quite smooth, graceful and calming.

What to improve/ change:

Although it was quite smooth, we were unable to change the fact that we had to rely on Pasan too much, even in this sprint. Thus, even though we had managed to form a good team structure to complete this project, we believe it would be better to choose a different project next time where more of the members will be proficient with the frameworks suitable for the project. In that way, not only will we be able to reduce the burden put on a single member (who has more experience) but also will be able to avoid the Truck Factor scenario in case such member falls ill or becomes unable to work on the project.