Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	20 October 2022
Team ID	PNT2022TMID10905
Project Name	A Gesture-based Tool for Sterile Browsing of Radiology Images
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1		USN-1	As a user, I enter the home page, I face a welcoming sentence and there was also an intro button and launch button.	1	Low	PAVANSAI.V, VITHUN.V.C, MOHAN RAJ.S, MOHAMMED FAIS.M
Sprint-2		USN-2	As a user, I click the intro button, it navigates to the intro page where I get a simple introduction about the application.	1	Medium	PAVANSAI.V, VITHUN.V.C, MOHAN RAJ.S, MOHAMMED FAIS.M
Sprint-3	The user uploads a picture.	USN-3	As a user, I click the launch button, it navigates to the launch page where I can upload a picture.	2	High	PAVANSAI.V, VITHUN.V.C, MOHAN RAJ.S, MOHAMMED FAIS.M
Sprint-3		USN-4	As a user, after I upload the picture, I click the predict button to for further process.	2	High	PAVANSAI.V, VITHUN.V.C,

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						MOHAN RAJ.S, MOHAMMED FAIS.M
Sprint-4	The user uses gestures to perform operations.	USN-5	As a user, after I click predict button, the camera opens and I show the gesture to modify the picture.	2	High	PAVANSAI.V, VITHUN.V.C, MOHAN RAJ.S, MOHAMMED FAIS.M

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	06 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	06 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	15	20 Nov 2022

Velocity:
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

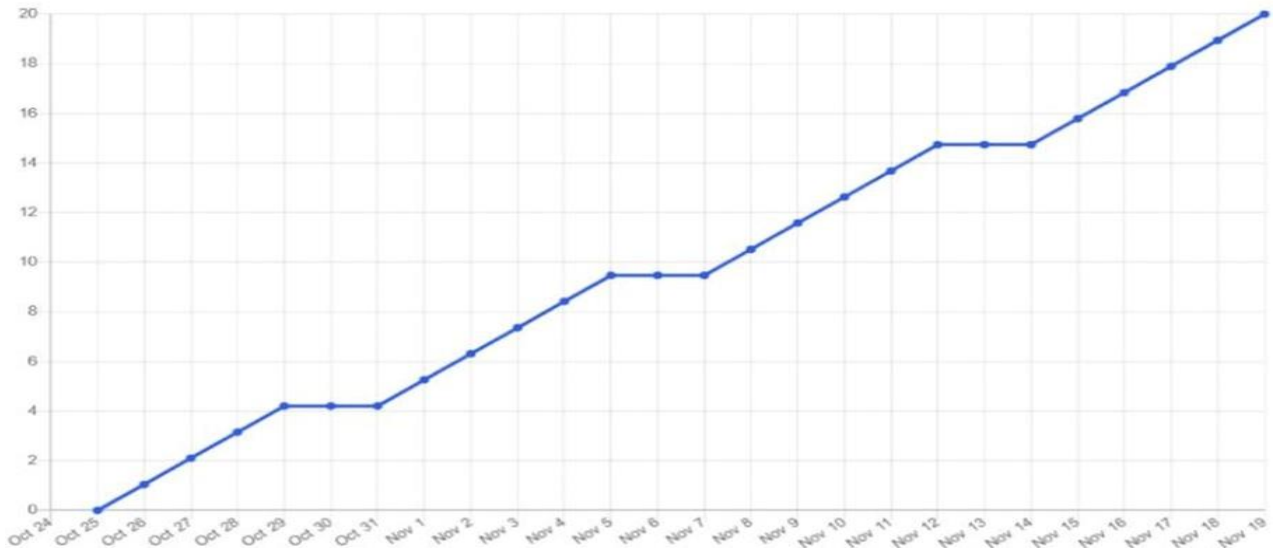
$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

AV = 18.75/6

AV = 3.125

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.



Reference:

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https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burndown-charts