

Project Planning Phase

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

Date	25 October 2022
Team ID	PNT2022TMID35084
Project Name	Analytics for Hospitals Health-Care Data
Maximum Marks	8 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	JENI ALPHONSA.J JENILA.J JESNEY.R LISHA.S
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	JENI ALPHONSA.J JENILA.J JESNEY.R LISHA.S
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	JENI ALPHONSA.J JENILA.J JESNEY.R LISHA.S
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	JENI ALPHONSA.J JENILA.J JESNEY.R LISHA.S
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	JENI ALPHONSA.J JENILA.J JESNEY.R LISHA.S
Sprint-2	Dashboard	USN-6	The explored and visualized data are displayed in dashboard	2	High	JENI ALPHONSA.J JENILA.J JESNEY.R LISHA.S

Sprint-3	Predictive model	USN-7	The Predictive analysis on the data is performed by predictive model.	2	High	JENI ALPHONSA.J JENILA.J JESNEY.R LISHA.S
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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	19	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	18	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

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

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)

BURN CHART:

BURNDOWN CHART			
Sprint	Date	Estimated Effort	ActualEffort
Sprint1	24-Oct-22	20	20
	25-Oct-22	19	20
	26-Oct-22	18	19
	27-Oct-22	17	19
	28-Oct-22	17	18
Sprint2	29-Oct-22	16	17
	30-Oct-22	15	15
	31-Oct-22	14	13
	01-Nov-22	13	12
	02-Nov-22	12	11
	03-Nov-22	11	11
Sprint3	04-Nov-22	11	11
	05-Nov-22	10	9
	06-Nov-22	9	8
	07-Nov-22	8	7
	08-Nov-22	7	6
	09-Nov-22	6	6
Sprint4	10-Nov-22	5	5
	11-Nov-22	5	5
	12-Nov-22	5	4
	13-Nov-22	4	3

14-Nov-22	3	2
15-Nov-22	2	2
16-Nov-22	1	2
17-Nov-22	1	1
18-Nov-22	1	1

Burndown Chart:

