

Project Planning Phase

Project Planning (Product Backlog, Sprint Planning, Stories, Storypoints)

Team ID	PNT2022TMID05510
Project Name	Visualization And Predicting Heart DiseasesWith An Interactive Dash Board

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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirmingmy password.	2	High	RITHIKA C
Sprint-1	Confirmation	USN-2	As a user, I will receive confirmation email onceI have registered for the application	1	High	SARANYA B
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	SIVARAN JANI P S
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	VISHNU PRIYA L R
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	SARANYA B
Sprint-1	User Interface	USN-6	As a user, I should not need any pre requisitesto handle the UI	1	Medium	RITHIKA C
Sprint-1	Dashboard		As a user, will use the templates and resourcesof the dashboard effectively	2	High	RITHIKA C
Sprint-1	Present data		As a user, will present the data in the IBM cognos analytics platform	2	High	SIVA RANJANI P S

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	EDA		As a user, will perform the Exploratory Data Analytics(EDA) in a correct manner	2	High	SIVA RANJANI P S
Sprint-1	Visualization		As a user, data visualization will be performed effectively	2	High	VISHNU PRIYA L R
Sprint-2	Report		As a user, I will take responsibility that a report will be finally made by our team	2	High	RITHIKA C

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	30	30 Oct 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	49	06 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	50	07 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)

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

Burndown Chart:

