

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

Team ID	PNT2022TMID27954
Project Name	Visualization And Predicting Heart Diseases With 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 confirming my password.	2	High	SWETHA S
Sprint-1	Confirmation	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	TEJAVI D
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	RAMYA RAJANI G
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	SWATHI R
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	TEJAVI D
Sprint-1	User Interface	USN-6	As a user, I should not need any prerequisites to handle the UI	1	Medium	SWETHA S
Sprint-1	Dashboard		As a user, will use the templates and resources of the dashboard effectively	2	High	SWATHI R
Sprint-1	Present data		As a user, will present the data in the IBM Cognos analytics platform	2	High	RAMYA RAJANI G

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	TEJAVI D
Sprint-1	Visualization		As a user, data visualization will be performed effectively	2	High	SWETHA S
Sprint-2	Report		As a user, I will take responsibility that a report will be finally made by our team	2	High	RAMYA RAJANI G

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	27 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	30	01 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	49	07 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	50	18 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:

