

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

Date	26 October 2022
Team ID	PNT2022TMID04321
Project Name	IBM-Project-10770-1659203045 Analytics for Hospital's 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 dashboard by entering my email, and password, and confirming my password.	10	High	Archana S
Sprint-1		USN-2	As a user, I will receive a confirmation email once I have registered for the dashboard	10	High	Boomika E B B
Sprint-2		USN-3	As a user, I can register for the dashboard through social media	8	Low	Harisudhan S

Sprint-2		USN-4	As a user, I can register for the dashboard through Gmail	8	Medium	Ashok R
Sprint-2	Login	USN-5	As a user, I can log into the application by entering email & password	4	High	Archana S
Sprint-3	Dashboard	USN-6	As a user, I can use my account in mydashboard for uploading dataset.	8	Medium	Boomika E B B
Sprint-3	Website	USN-7	As a user, I can use my dashboard in website	5	Medium	Harisudhan S
Sprint-3		USN-8	As a user, I can contact Customer care Executive for my login.	2	High	Ashok R
Sprint-3		USN-9	As a user, I can contact administrator for my queries.	5	High	Archana S
Sprint-4	Dashboard	USN-10	As a user, I can prepare data by using Exploration Techniques.	4	High	Boomika E B B
Sprint-4	Dashboard	USN-11	As a user, I can Present data in mydashboard.	8	High	Harisudhan S
Sprint-4	Dashboard	USN-12	As a user, I can Prepare Data by using Visualization Techniques.	8	High	Ashok R

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	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

We have a 6-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)

$$\text{Average Velocity} = \text{Sprint Duration} / \text{Velocity} = 20 / 6 = 3.333$$

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.

Goal 90 hours in 6 days Burndown Chart

