

Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID30183
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	Analyse	USN-1	As an admin, I will analyse the given dataset (Data pre-processing)	8	High	Sri Padma Priyadharshini S
Sprint-2	Predict	USN-2	As an admin, I will predict the length of stay (Prediction)	8	High	Rimali S
Sprint-3	Visualization	USN-3	As a user, I can select the visualization type (Creating visualization)	5	Medium	Pravin A
Sprint-4	Dashboard	USN-4	As a user, I can upload the datasets to the dashboard and view visualizations (Creating dashboard)	5	Medium	Saran S

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	5	6 Days	22 Oct 2022	27 Oct 2022		
Sprint-2	8	8 Days	28 Oct 2022	04 Nov 2022		
Sprint-3	3	3 Days	05 Nov 2022	07 Nov 2022		
Sprint-4	3	3 Days	08 Nov 2022	10 Nov 2022		

Velocity:

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

Average velocity for sprint-1:

$$AV = 8/6 = 1.34$$

Average velocity for sprint-2:

$$AV = 8/8 = 1$$

Average velocity for sprint-3:

$$AV = 5/3 = 1.67$$

Average velocity for sprint-4:

$$AV = 5/3 = 1.67$$

Burndown Chart:

