

Project Planning Phase

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

Date	30 october 2022
Team ID	PNT2022TMID53545
Project Name	ANALYTICS FOR HOSPITALS' HEALTH-CARE DATA
Maximum Marks	10 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority
Sprint-1	API and Database connectivity	USN-1	As an analyser , I use Kaggle API to gather the dataset	3	Medium
		USN-2	As an analyzer , I can create database connectivity using IBM Cloud and IBM Cognos Analytics.	5	High
		USN-3	AS an analyzer , I can pre-process the data and Explore it .	5	High
Sprint-2	Dashboard	USN-4	As an analyser, I can add the created visualizations to the dashboard (Creating dashboard)	8	High
Sprint-3	Report, Story	USN-5	As an analyser, I can create reports for the given dataset (Creating report)	8	High
		USN-6	As an analyser, I can create story for the given dataset	8	High

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority
			(Creating story)		
Sprint-4	Documentation	USN-7	We create our entire project documentation.	10	High

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	7	5Days	30 Oct 2022	05 Nov 2022		
Sprint-2	6	5 Days	05 Nov 2022	10 Nov 2022		
Sprint-3	6	5 Days	10 Nov 2022	15 Nov 2022		
Sprint-4	2	2 Days	15 Nov 2022	17 Nov 2022		

Velocity:

$$AV=17/10=1.7$$

Average velocity for sprint-1:

$$AV = 7/5 = 1.4$$

Average velocity for sprint-2:

$$AV = 6/5 = 1.2$$

Average velocity for sprint-3:

$$AV = 6/5 = 1.2$$

Average velocity for sprint-4:

$$AV = 2/2 = 1$$

Burndown Chart:

Burndown Chart

