Project Planning Phase

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

Date	03 November 2022
Team ID	PNT2022TMID38968
Project Name	ANALYTICS FOR HOSPITALS' HEALTHCARE 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	Team Members
Sprint-1	API and Database connectivity	USN-1	As an analyser , I use Kaggle API to gather the dataset	3	Medium	Rimali S
		USN-2	As an analyzer , I can create database connectivity using IBM Cloud and IBM Cognos Analytics.	5	High	Sri Padma Priyadharshini S, Rimali S
		USN-3	AS an analyzer , I can preprocess the data and Explore it .	5	High	Saran S, Pravin A,
Sprint-2	Dashboard	USN-4	As an analyser, I can add the created visualizations to the dashboard (Creating dashboard)	8	High	Pravin A, Sri Padma Priyadharshini S
Sprint-3	Report, Story	USN-5	As an analyser, I can create reports for the given dataset (Creating report)	8	High	Saran S, Rimali S

		USN-6	As an analyser, I can create story for the given dataset	8	High	Saran S, Rimali S
Sprint	**Functional Requirement (Epic)**	**User Story Number**	**User Story / Task**	**Story Points**	**Priority**	**Team Members**
			(Creating story)			
Sprint-4	Documentation	USN-7	We create our entire project documentation.	10	High	Pravin A, Sri Padma Priyadharshini 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	13	12 Days	24 Oct 2022	04 Nov 2022		
Sprint-2	8	2 Days	05 Nov 2022	06 Nov 2022		
Sprint-3	16	2 Days	07 Nov 2022	08 Nov 2022		
Sprint-4	10	4 Days	09 Nov 2022	12 Nov 2022		

Velocity:

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

Average velocity for sprint-1:

AV = 13/12 = 1.08 Average

velocity for sprint-2:

AV = 8/2 = 4

Average velocity for sprint-3:

AV = 16/2 = 8

Average velocity for sprint-4:

AV = 10/4 = 2.5

Burndown Chart: