Project Planning Phase

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

Date	20 October 2022
Team ID	PNT2022TMID18388
Project Name	Analytics for Hospitals' Health-Care Data
Team Leader	Laxmi Priya S
Team Member 1	Kaviya M
Team Member 2	Keerthana R
Team Member 3	Madhumitha J

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 health care provider I can create account inIBM cloud and the data arecollected.	20	High	Keerthana, Kaviya
Sprint-2	Analyze	USN-2	As a health care provider all the data thatare collected is cleaned and uploaded in	20	Medium	Laxmi Priya

			the database or IBM cloud.			
Sprint-3	Dashboard	USN-3	As a health care provider I can use my account in my dashboard for uploadingdataset.	10	Medium	Laxmi Priya, Madhumitha J
Sprint-3	Visualization	USN-4	As a health care provider I can prepare data for Visualization.	10	High	Laxmi Priya, Kaviya
Sprint-4	Visualization	USN-5	As a health care provider I canpresent data in my dashboard.	10	High	Keerthana,Laxmi Priya,Madhumitha
Sprint-4	Prediction	USN-6	As a health care provider I can predict the length of stay	10	High	Madhumitha,Laxmi Priya, Kaviya

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	01 Nov 2022	07 Oct 2022	20	18 Nov2022
Sprint-2	20	6 Days	02 Nov 2022	08 Nov 2022	20	18Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	18 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 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)

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