PROJECT PLANNING PHASE

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

Date	25 October 2022
Team ID	PNT2022TMID44886
Project Name	Analytics for Hospital's Health-Care Data
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation:

Sprint	Functional Requirement (Epic)	User Number Story	User Story/Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a health care provider, I can create account in IBM cloud and the data are collected	20	High	2 Members
Sprint-2	Analyze	USN-2	As a health care provider, all the data that are collected is cleaned and uploaded in the database or IBM cloud.	20	Medium	2 Members
Sprint-3	Dashboard	USN-3	As a health care provider, I can use my account in my dashboard for uploading dataset	10	Medium	2 Members
Sprint-3	Visualization	USN-4	As a health care provider, I can prepare data for Visualization.	10	High	2 Members
Sprint-4	Visualization	USN-5	As a health care provider, I can present data in my dashboard.	10	High	2 Members
Sprint-4	Prediction	USN-6	As a health care provider, I can predict the length of stay	10	High	2 Members

Project Tracker, Velocity & Burndown Chart:

Sprint	**Total Story Points**	Duration	**Sprint Start Date**	**Sprint End Date**	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 Nov2022	20	05 Nov2022
Sprint-3	20	6 Days	07 Nov2022	12 Nov2022	20	12 Nov2022
Sprint-4	20	6 Days	14 Nov2022	19 Nov2022	20	19 Nov2022

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)

$$AV = \frac{Sprint\ Duration}{Velocity} = \frac{20}{10} = 2$$