Sprint Delivery Plan

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

Date	20 October 2022
Team ID	PNT2022TMID29695
Project Name	Project – Visualizing and Predicting Heart Diseases with an Interactive Dash Board
Maximum Marks	4 Marks

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	Webpage	USN-1	As a user, he/she can enter the webpage using the webpage's link	8	High	Parvathi S R, Sabarish A
Sprint-2	Loading and working with dataset	USN-2	Loading the heart disease dataset from Kaggle	2	High	Sabarish A, Prasannan S
Sprint-2		USN-3	Creating Db2 service credential in IBM Cloud	2	High	Parvathi S R, Prathap Raj S
Sprint-2		USN-4	Connecting IBM Cloud Db2 to Cognos Analytics	2	Medium	Prasannan S, Prathap Raj S
Sprint-2		USN-5	Preparation of Data Module	1	High	Sabarish A, Parvathi S R
Sprint-2		USN-6	Exploration of Data Module	1		Prasannan S
Sprint-3	Visualizations	USN-7	Creating a Dashboard with meaningful visualizations	3	High	Prathap Raj S
Sprint-3		USN-8	Creating Report by analysing the dataset	5	High	Prasannan S, Prathap Raj S
Sprint-4	Interactive Story	USN-9	Creating a visual story for better understanding of analysis	8	High	Prasannan S, Parvathi S R

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	8	6 Days	24 Oct 2022	29 Oct 2022	8	29 Oct 2022
Sprint-2	8	6 Days	31 Oct 2022	05 Nov 2022	8	05 Nov 2022
Sprint-3	8	6 Days	07 Nov 2022	12 Nov 2022	8	12 Nov 2022
Sprint-4	8	6 Days	14 Nov 2022	19 Nov 2022	8	19 Nov 2022

Velocity:

We have a 6-day sprint duration, and the velocity of the team is 8 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \text{Sprint duration}/\text{Velocity} = 8/6 = 1.3$$

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.