Project Planning Phase

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

Date	19-11-2022
Team ID	PNT2022TMID30634
Project Name	Visualization And Predicting Heart Diseases With An Interactive Dash Board
Maximum Marks	8 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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirmingmy password.	2	High	K. Indhubala A. Rasiga B. Akila A. Akalya
Sprint-1	Confirmation	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	K. Indhubala A. Rasiga B. Akila A. Akalya
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	K. Indhubala A. Rasiga B. Akila A. Akalya
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	K. Indhubala A. Rasiga B. Akila A. Akalya

Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	K. Indhubala A. Rasiga B. Akila A. Akalya
Sprint-1	User Interface	USN-6	As a user, I should not need any pre requisites to handle the UI	1	Medium	K. Indhubala A. Rasiga B. Akila A. Akalya
Sprint-1	Dashboard		As a user, will use the templates and resources of the dashboard effectively	2	High	K. Indhubala A. Rasiga B. Akila A. Akalya
Sprint-1	Present data		As a user, will present the data in the IBM cognos analytics platform	2	High	K. Indhubala A. Rasiga B. Akila A. Akalya
Sprint	**Functional Requirement (Epic)**	**User Story Number**	**User Story / Task**	**Story Points**	**Priority**	**Team Members**

Sprint-1			As a user, will perfom the	2	High	K . Indhubala A . Rasiga

	EDA		Exploratory Data Analytics(EDA) in a correct manner			B . Akila A . Akalya
Sprint-1	Visualization		As a user, data visualization will be performed Effectively	2	High	K. Indhubala A. Rasiga B. Akila A. Akalya
Sprint-2	Report		As a user, I will take responsibility that a report will be finally made by our team	2	High	K. Indhubala A. Rasiga B. Akila A. Akalya

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 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 Nov 2022	30	30 Oct 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	49	06 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	50	07 Nov 2022

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).

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

Burndown Chart: