Project Planning Phase

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

Date	30 October 2023
Team ID	Team-591879
Project Name	Diabetes Prediction Using Machine Learning
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 confirming my password.	2	High	SAKETH
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	SAKETH
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	SAKETH
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	SAKETH
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	SAKETH
		USN-6	As a doctor you can login into web and see details of patient	1	High	SAKETH
Sprint-4		USN-7	As a administrator can login manage thinks	1	High	SAKETH
Sprint-3	Dashboard	USN-8	1) You can see your profile 2) You see prediction of all members registered under number.	2	Medium	SAKETH

			3)graph which display there health graph 4)change password 5)edit profile 6) logout from webpage			SAKETH

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	3 Days	26 Oct 2023	29 Oct 2023	20	29 Oct 2022
Sprint-2	20	4 Days	31 Oct 2023	03 Nov 2023	20	03 NOV 2023
Sprint-3	20	4 Days	04 Nov 2023	07 Nov 2023	20	07 NOV 2023
Sprint-4	20	2 Days	08 Nov 2023	09 Nov 2023	20	09 NOV 2023

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)

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

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.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:

https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burndown-charts