

Project Planning Phase

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

Date	26 October 2023
Team ID	Team-592795
Project Name	Predicting Mental Health Illness Of Working Professionals 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	User Authentication	USN-1	As a new user, I want to be able to sign up for an account by providing basic information like name, email, and password	5	High	Deepak
Sprint-1		USN-2	As a user, I want to be able to create an account and log in securely, so that I can access the prediction tool	8	Medium	Amar,Deepak
Sprint-2	Inputting Daily Data	USN-3	As a user, I want to have an easy-to-use interface where I can input information about my daily activities, emotions,and any potential stressors.	3	Low	Bharadwaj,srikar
Sprint-2		USN-4	As a user, I want to be able to input relevant information about my daily activities and feelings, so that the system can use this data for predictions.	7	Medium	amar
Sprint-3	Ensuring Privacy	USN-5	As a user, I want to know that my personal data will be kept confidential and will not be shared with third parties without my consent.	10	High	bharadwaj
Sprint-3		USN-6	As a user, I want to be assured that my personal data will be kept confidential and secure, and will only be used for the purpose of mental health prediction.	5	Medium	srikar
Sprint-4	Opting Out	USN-7	As a user, I want to have the option to delete my account and all associated data from the system.	3	Low	Deepak,srikar

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	12	5-Days	18 Oct 2023	23 Oct 2023	10	23 Oct 2023
Sprint-2	10	6-Days	23 Oct 2023	28 Oct 2023	9	28 Oct 2023
Sprint-3	7	5-Days	28 Oct 2023	03 Nov 2023	6	03 Nov 2023
Sprint-4	5	6-Days	03 Nov 2023	09 Nov 2023	4	09 Nov 2023

Velocity:

Average Velocity = Total Story Points Completed / Total Duration of Sprints

Total Story Points Completed = $10 + 9 + 6 + 4 = 29$

Total Duration of Sprints = $5 + 6 + 5 + 6 = 22$

Average Velocity = $29 / 22 = 1.32$

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.

