

Project Planning Phase

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

Date	16 November 2023
Team ID	592207
Project Name	Predicting Mental Health Illness of Working Professionals Using Machine Learning
Maximum Marks	8 Marks

Product Backlog, Phase Schedule, and Estimation (4 Marks):

Phase	Number	Requirement (Epic)	User Story	Story Points	Priority
Phase-2	1	Machine Learning model to predict Mental Health	As a user, I can access the mental health assessment tool without creating an account or logging in	8	High
Phase-2	2	Machine Learning model to predict Mental Health	As a user, I can anonymously complete the mental health assessment questionnaire.	13	Medium
Phase-2	3	Machine Learning model to predict Mental Health	As a user, I can receive a personalized assessment report based on my responses	5	High
Phase-3	4	Machine Learning model to predict Mental Health	As a user, I can learn about different mental health conditions and their symptoms	3	Low
Phase-1	5	Machine Learning model to predict Mental Health	As a user, I can receive personalized recommendations for self-care practices		Medium

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Phase	Total Story Points	Duration	Phase Start Date	Phase End Date (Planned)	Story Points Completed (as on Planned End Date)	Phase Release Date (Actual)
Phase-1	20	6 Days	04 Nov 2023	07 Nov 2023	20	09 Nov 2023
Phase-2	20	6 Days	08 Nov 2023	11 Nov 2023		
Phase-3	20	6 Days	12 Nov 2023	15 Nov 2023		
Phase-4	20	6 Days	16 Nov 2023	29 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)

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

Burndown Chart:



