

Project Planning Phase

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

Date	26-10-2023
Team ID	Team-593182
Project Name	Project – Disease prediction using ML
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number / Task	Story Points	Priority	Team Members		
1	User Authentication	USN-1 As a user, I can register for the application by entering my email, password, and confirming my password.	3	High	Data Scientist, Machine Learning Engineer		
1	User Authentication	USN-2 As a registered user, I can log in to the application using my email and password.	3	High	Data Scientist, Machine Learning Engineer		
1	Disease Prediction	USN-3 As a registered user, I can upload my medical data and receive a prediction for my risk of developing various diseases.	5	High	Machine Learning Engineer		
3	Disease Prediction	USN-4 As a registered user, I can view a detailed report on my disease risk prediction, including the factors that contribute to my risk.	3	Medium	Machine Learning Engineer		
3	User Management	USN-5 As a registered user, I can delete my account.	2	Low	Data Scientist, Machine Learning Engineer		
2	Disease Prediction	USN-6 Add support for more diseases	4	High	Machine Learning Engineer		
2	User Management	USN-7 Add support for social login (e.g., Google, Facebook).	3	Medium	Back-end Developer		

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)	Velocity
1	11	1 week	2023-10-29	2023-11-06	11	2023-11-06	11
2	7	1 week	2023-11-08	2023-11-15	7	2023-11-15	7
3	5	1 week	2023-11-17	2023-11-24	5	2023-11-24	5

Velocity:

Average velocity = 23 story points / 3 weeks = 7.66667 story points/week

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.

