

Project Planning Phase

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

Date	19 November 2023
Team ID	Team-591871
Project Name	Machine Learning Approach For Predicting The Rainfall
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 need registration form that asks for the user's email, password, and other optional information, such as name, location, etc	2	High	Akash Anumolu
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	YuvaSri Akash

Sprint-2		USN-3	As a user, I can register for the application through Social Media ads/promotion, Gmail/Outlook,Phone Number	1	Low	Akash Anumolu
Sprint-2	Login	USN-4	As a user, I can log into the application by entering email & password	2	High	Nayeem
Sprint-3	Dashboard	USN-5	USN-6 I want to access in a easy way without much effort At any time	3	Medium	Yuvasri Akash
Sprint-3	Registration	USN-6	I want to be able to register and login to the website using my email and password, so that I can create and access my personal account and profile	1	High	Dinesh
Sprint-4	Report	USN-7	I want to be able to evaluate the performance and accuracy of the deep learning model using various metrics and benchmarks, such as precision, recall, F1- score, ROC curve, etc	2	Low	Akash Anumolu
Sprint-4	Support	USN-8	I want to be able to access the deep learning model through an API and integrate it with various applications and platforms, such as mobile apps, web apps, chatbots, etc.	2	Medium	Nayeem

Sprint-5	Training	USN-9	I want to be able to train, test, and finetune the deep learning model using a large and diverse dataset of tea leaf images, along with their labels and annotations.	2	Medium	Nayeem
Sprint-5	Communication	USN-10	I want to be able to monitor and manage the progress and quality of the project, such as setting goals, assigning tasks, tracking issues, reviewing code, et	1	Low	Akash yuvasri
Sprint-5	Diagnosis	USN-11	I want to be able to use the deep learning model to check and verify the freshness and safety of the tea leaves that I buy or consume, and avoid any health risks or frauds due to diseases.	3	Low	Akash Anumolu

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	3	2 Days	27 Oct 2023	29 Oct 2023	20	29 Oct 2022
Sprint-2	3	2 Days	30 Oct 2023	01 Nov 2023	20	01 Nov 2023
Sprint-3	4	7 Days	02 Nov 2023	09 Nov 2023	20	09 Nov 2023
Sprint-4	4	3 Days	10 Nov 2023	09 Nov 2023	20	09 Nov 2023
Sprint-5	6	6 Days	14 Nov 2023	19 Nov 2023	20	19 Nov 2023

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



