

### Initial Project Planning Report

Date	20 June 2024
Team ID	739819
Project Name	Rainfall prediction using ML
Maximum Marks	4 Marks

### Product Backlog, Sprint Schedule, and Estimation

Use the below template to create a product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-1	Accurate Rainfall Prediction	US001	Develop data ingestion pipeline for weather data	High	Nikhil	2024/03/15	2024/03/22
Sprint-1	Accurate Rainfall Prediction	US002	Implement initial rainfall prediction model	High	Nikhil	2024/03/15	2024/03/22
Sprint-2	User Interface Enhancements	US003	Design user dashboard for rainfall predictions	Medium	Hasini	2024/03/15	2024/03/22
Sprint-2	User Interface Enhancements	US004	Integrate notification system for severe weather alerts	Medium	Hasini	2024/03/15	2024/04/12
Sprint-3	Data Accuracy Improvements	US005	Refine prediction model with historical data	High	Sreya	2024/03/22	2024/03/29
Sprint-4	Data Accuracy Improvements	US006	Implement real-time weather data updates	Medium	Arun	2024/03/22	2024/03/29

PLANNING

Timeline

Backlog

Board

Goals

+ Add view

DEVELOPMENT

Code

Project pages

Add shortcut

Project settings

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## All sprints

14 days remaining ⚡ ☆ ↗ Complete sprint ...

Q



Epic ▾

Sprint ▾

GROUP BY None ▾

Insights

View settings

### TO DO 5

Selecting the best model

MODEL DEVELOPMENT

SL-12

1



Model tuning

MODEL TUNING AND TESTING

SL-13

2



Model testing

MODEL TUNING AND TESTING

SL-14



Building the HTML templates  
with JS and CSS

WEB INTEGRATION AND DEPLOYMENT

SL-16

2



### IN PROGRESS 1

Evaluating all models

MODEL DEVELOPMENT

SL-9

2



### DONE 1 ✓

Training the model with multiple  
algorithms

MODEL DEVELOPMENT

SL-8

✓ 1

