Project Planning Phase
Milestones Activity List

Date	15 October 2022
Team ID	PNT2022TMID49864
Project Name	Project – Efficient water quality analysis and prediction using machine learning
Maximum Marks	4 Marks

Product Backlog, Sprint Schedule, and Estimation:

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Preparation	USN-1	Collecting water dataset and pre-processing it	10	High	Jeya Suriya C
Sprint-1	Model Building	USN-2	Create a ML model to predict water quality	5	Medium	Jeya Suriya C Manimala R Rajasubashini S Rubika C
Sprint-1	Model Evaluation	USN-3	Calculate the performance, error rate and complexity of ML model	5	Medium	
Sprint-2	Model Deployment	USN-5	Using flask and deploy model finally in IBM cloud using IBM storage and Watson Studio	20	Medium	
Sprint-3	Registration	USN-5	As a user, I can register for the application by entering email, password, and confirm password	10	Medium	Jeya Suriya C Manimala R Rajasubashini S Rubika C
Sprint-3	Confirmation	USN-6	As a user, I will receive confirmation email once I have registered for the application	5	Low	
Sprint-3	Login	USN-7	As a user, I can log into the application by entering email & password	5	Medium	
Sprint-4	Dashboard	USN-8	As a user, I can use the application by entering water data	20	High	Jeya Suriya C