

Project Planning Phase

Date	28 October 2022
Team ID	PNT2022TMID34532
Project Name	Real- Time River Water Quality Monitoring and Control System
Maximum Marks	

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 can register for the application by entering my email, password, and confirming my password.	2	High	Naveen.M.S,Paramesh.S ,Shumin Rakesh.R.U ,Makesh.M.J
Sprint-1	Registration through Gmail	USN-2	As a user, I can register for the application through Gmail	2	Low	Naveen.M.S,Paramesh.S ,Shumin Rakesh.R.U ,Makesh.M.J
Sprint-1	Registration through other Mail	USN-3	As a user, I can register for the application through email	2	Medium	Naveen.M.S,Paramesh.S ,Shumin Rakesh.R.U ,Makesh.M.J
Sprint-2	Confirmation Mail	USN-4	As a user, I will receive confirmation email once I have registered for the application	1	High	Naveen.M.S,Paramesh.S ,Shumin Rakesh.R.U ,Makesh.M.J
Sprint-2	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Naveen.M.S,Paramesh.S ,Shumin Rakesh.R.U ,Makesh.M.J
Sprint-2	Coding	USN-6	To find and express the requirements to be needed in the code	2	High	Naveen.M.S,Paramesh.S, Shumin Rakesh.R.U
Sprint-3	Create IBM Watson	USN-7	Get log on to the IBM Cloud Services	2	High	Paramesh.S ,Shumin Rakesh.R.U ,Makesh.M.J

Sprint-3	Create Node Red Service	USN-8	To develop Node red service to integrate software process	2	Medium	Naveen.M.S,Paramesh.S, Shumin Rakesh.R.U
Sprint-3	Create Web UI	USN-9	To create Web UI to access data from IBM Cloud database	2	Medium	Naveen.M.S,Paramesh.S, Shumin Rakesh.R.U
Sprint-3	Developing App	USN-10	Use MIT App Inventor to create app with respective requirements	1	Medium	Naveen.M.S,Paramesh.S, Shumin Rakesh.R.U
Sprint-4	Fast SMS Service	USN-11	Sending alerts when the respected measurements exceeds limits	3	High	Paramesh.S ,Shumin Rakesh.R.U ,Makesh.M.J
Sprint-4	Publish data to the cloud	USN-12	Publishing the data into cloud once sensed	3	High	Paramesh.S ,Shumin Rakesh.R.U ,Makesh.M.J
Sprint-4	Testing	USN-13	Testing of projects and analyze the result accuracy	3	Medium	Naveen.M.S,Paramesh.S ,Shumin Rakesh.R.U ,Makesh.M.J