Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning,)

Team ID	PNT2022TMID47191
Project Name	Project – Real time river water quality monitoring and control system

Sprint Schedule

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	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.	High	VIGNESHWARAN MUKILAN GUNAL SIVA
Sprint-1	Registration via Facebook	USN-2	As a user, I can register for the application through Facebook	High	VIGNESHWARAN MUKILAN GUNAL SIVA
Sprint-1	registration via Gmail	USN-3	As a user, I can register for the application through Gmail	Medium	, VIGNESHWARAN MUKILAN GUNAL SIVA

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Priority	Team Members
Sprint-2	Confirmation	USN-4	As a user I will receive confirmation email once I have registered for the application	High	VIGNESHWA RAN MUKILAN GUNAL SIVA
Sprint-2	Login	USN-5	As a user, I can log into the application by entering email & password	High	VIGNESHWA RAN MUKILAN GUNAL SIVA
Sprint-2	IBM cloud service	USN-6	Get access to IBM cloud services	High	VIGNESHWA RAN MUKILAN GUNAL SIVA

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Priority	Team Members
Sprint-3	Create IBM Watson and device settings	USN-7	To create the IBM Watson IOT platform and Intergrate the microcontroller with it to send sensed data to cloud	High	VIGNESHWA RAN MUKILAN GUNAL SIVA

Sprint-3	Create node red service	USN-8	To create a node red service to integrate the IBM Watson along with Web UI	Low	VIGNESHWARAN MUKILAN GUNAL SIVA
Sprint-3	Create Web UI	USN-9	To create Web UI to access the data from cloud And display all parameters	High	VIGNESHWARAN MUKILAN GUNAL SIVA
Sprint-3	To develop a python code	USN-10	Create python code to sense the physical quantity and store data	Medium	VIGNESHWARAN MUKILAN GUNAL SIVA
Sprint-4	Publish data to cloud	USN-11	Publish data that is send to the cloud	High	VIGNESHWARAN MUKILAN GUNAL SIVA
Sprint-4	Fast SMS service	USN-12	Use fast SMS to send alert message once the parameters like ph , turbidity and temperature goes beyond the threshold	Medium	VIGNESHWARAN MUKILAN GUNAL SIVA

Sprint-4	Testing	USN-13	Testing of project and final deliverables	High	VIGNESHWARAN MUKILAN GUNAL SIVA