

PROJECT MILESTONE AND ACTIVITY LIST

Date	03 November 2022
Team ID	PNT2022TMID43719
Project Name	Real-Time River Water Quality Monitoring and Control System
Maximum Marks	4 Marks

ACTIVITY LIST:

SI. NO	ACTIVITY TITLE	ACTIVITY DESCRIPTION	DURATION
1.	Understanding the project requirement	Make the team assignments and establish a repository on the Git hub. Give each team member a task and explain how to utilise, open, and take a class on Github and IBM professional education.	1 WEEK
2.	Starting of project	Encourage students to attend IBM portals classes, develop a preliminary diagram based on the project description, and research IOT and IBM initiatives. Team leaders then allocate duties to each project participant.	1 WEEK
3.	Attend class	Team members and the team leader are required to attend classes offered by IBM and NALAYATHIRAN, as well as to obtain an MIT licence for their project.	4 WEEK
4.	Budget and scope ofproject	Budget the project's use of IOT, assess it, and discuss it with the team to see whether it will be favourable for the customer to purchase.	1 WEEK

MILESTONES:

TITLE	DESCRIPTION	COMPLETED DATE
Literature survey and information gathering	Prepare a literature survey for the selected project & gathering information	20 October 2022
Prepare empathy map	Prepare empathy map canvas capture the user pains and gains, prepare list of problem statement.	20 October 2022
Ideation	List by organizing the brain storming session and prioritizing the top three ideas based on importance	22 October 2022
Proposed solutions	Prepare the proposed solution document which includes the novelty of idea, business modal, social impact, scalability of solution etc..	22 October 2022
Problem solution fit	Prepare problem solution fit document	22 October 2022
Solution Architecture	Prepare solution architecture document	22 October 2022
Customer journey	Prepare the customer journey map to understand the user interaction and experience with application.	23 October 2022

Data flow diagram	Draw the data flow diagram and submit for review.	23 October 2022
Technology stack	Prepare the technology stack diagram	23 October 2022
Prepare milestone & activity list	Prepare the milestones & activity list of the project	02 November 2022
Sprint delivery plan	Prepare the sprint delivery plan of the project	02 November 2022
Project development Delivery of sprint -1	Develop & submit the developed code by testing it	In Progress
Project development Delivery of sprint -2	Develop & submit the developed code by testing it	In Progress
Project development Delivery of sprint -3	Develop & submit the developed code by testing it	In Progress
Project development Delivery of sprint -4	Develop & submit the developed code by testing it	In Progress