

## Project Planning Phase

### Project milestone & activity

<b>Date</b>	29 October 2022
<b>Team ID</b>	PNT2022TMID21389
<b>Project Name</b>	Gas Leakage Monitoring and Alerting System for Industries
<b>Maximum Marks</b>	8 Marks

#### 1 ST WEEK INFORMATION GATHERING

- Gather requirements and basic purpose of the project.

#### 1-2 WEEK ASSIGNING

- Assigning task for each person and split the project work based on the technical and project requirements.

#### 2-3 WEEK DESIGNING

- Understanding the functional requirements of the project and create architecture diagram and flowchart. Creating outer layer of UI design

#### 3 WEEK CODING AND TESTING

- Create python code and web interface based on node red and connect the IOT device by python scripts and report it in web interface.

#### 1 WEEK FINAL RELEASE

- Publish of product into market after alpha and beta testing and consumer feedback will be gathered to improve the project.

### Activity List:

S.NO	ACTIVITY TITLE	ACTIVITY DESCRIPTION	DURATION
1	Understanding the project requirement	Assign the team members & create the repository in GitHub. Assign the task to each member and teach how to use and open access the GitHub and IBM Career Education.	1 Week
2	Starting of Project	Advice student to attend classes of IBM portals create and develop a rough diagram based on the project description and gather information of IOT and IBM project.	1 Week
3	Attend Classes	Team members & team lead must watch and learn from classes provided by IBM and Nalaya Thiran and must gain access of MIT License for their project.	1 Week
4	Budget and scope of project	Budget & analyze the use of IOT in the project and discuss with the team for budget prediction to predict the	1 Week

		favorability of the customer to buy the product for efficient use of the product among the environment.	
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