

**PROJECT PLANNING PHASE**

**MILESTONE AND ACTIVITIES LIST**

Date	18 October 2022
Team ID	<b>PNT2022TMID46873</b>
Project Name	Predicting the energy output of wind turbine based on weather condition
Maximum Marks	8 Marks

ACTIVITY NO	ACTIVITY NAME	DETAILED ACTIVITY DESCRIPTION	ASSIGNED TO
<b>1.</b>	Preparation phase	Access the resources (courses) in project dashboard. Access the guided project workspace. Create github account & collaborate with project repository. Setup the laptop /computers based on the prerequisites for each technology track	ROOBIYA M AARTHI T ASVITHA K NARMATHA D
<b>2.</b>	<b>Ideation phase</b>		
2.1	Literature survey	Literature survey on the selected project & information gathering.	ROOBIYA M AARTHI T ASVITHA K NARMATHA D
2.2	Define the problem statement	Prepare the list of problem statement to understand the user needs.	ROOBIYA M AARTHI T ASVITHA K NARMATHA D
2.3	Empathy map	Preparation of empathy map canvas to capture the user pains & gains	ROOBIYA M AARTHI T ASVITHA K NARMATHA D
2.4	Brainstorm and idea prioritization	List the ideas by organizing the brainstorming session prioritize the top 3 ideas based on the feasibility and importance	ROOBIYA M AARTHI T ASVITHA K NARMATHA D
<b>3.</b>	<b>Project design phase I</b>		
3.1	Proposed solution	Preparation of proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution.	ROOBIYA M AARTHI T ASVITHA K NARMATHA D
3.2	Problem solution fit	Prepared problem is analyzed and make effective solution of the problem.	ROOBIYA M AARTHI T ASVITHA K NARMATHA D
3.3	Solution architecture	Prepare an architecture for solution.	ROOBIYA M AARTHI T ASVITHA K NARMATHA D

<b>4.</b>	<b>Project design phase II</b>		
4.1	Requirement analysis	Prepare the functional and non-functional requirement.	ROOBIYA M AARTHI T ASVITHA K NARMATHA D
4.2	Customer journey	Preparation of customer journey maps to understand the user interaction and experience with the application(entry to exit)	ROOBIYA M AARTHI T ASVITHA K NARMATHA D
4.3	Data flow diagram	Prepare the data flow diagram for project use level 0	ROOBIYA M AARTHI T ASVITHA K NARMATHA D
4.4	Technology architecture	Prepare technology architecture of the solution.	ROOBIYA M AARTHI T ASVITHA K NARMATHA D
<b>5.</b>	<b>Project planning phase</b>		
5.1	Milestone and task	Prepare milestone and activity list	ROOBIYA M AARTHI T ASVITHA K NARMATHA D
5.2	Sprint schedules	Prepare sprint delivery plan	ROOBIYA M AARTHI T ASVITHA K NARMATHA D
<b>6.</b>	<b>Project development phase</b>		
6.1	Coding & solutioning	Sprint-1 Delivery: Develop the code, Test and push it to Github.	ROOBIYA M AARTHI T ASVITHA K NARMATHA D
6.2	Acceptance testing	Sprint-2 Delivery: Develop the code, Test and push it to Github. Sprint-3 Delivery: Develop the code, Test and push it to Github.	ROOBIYA M AARTHI T ASVITHA K NARMATHA D
6.3	Performance testing	Sprint-4 Delivery: Develop the code, Test and push it to Github.	ROOBIYA M AARTHI T ASVITHA K NARMATHA D