

Milestone and activity list

Date	30 October 2022
Team ID	PNT2022TMID53366
Project Name	Estimate the Crop Yield using Data Analytics

Activity number	Activity name	Detailed activity description	Assigned to
1	Preparation Phase	<ul style="list-style-type: none">Access the resources (courses) in project dashboardAccess the guided project workspaceCreate GitHub account & collaborate with Project Repository in project workspaceSet-up the Laptop / Computers based on the prerequisites for each technology track	Pavithra, Sneha, Sowmiya, Revathi
2	Ideation Phase		
2.1	Literature survey	Literature survey on the selected project & Information Gathering	Sneha, Pavithra
2.2	Define a problem statement	Prepare the list of problem statements to understand the user needs	Pavithra, Sneha, Sowmiya, Revathi
2.3	Empathy Map	Preparation of Empathy Map Canvas to capture the user Pains & Gains	Sowmiya, Revathi

2.4	Brainstorm & idea prioritization	List the ideas by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance	Pavithra, Sneha, Sowmiya, Revathi
3	Project Design Phase -I		
3.1	Proposed Solution	Preparation of proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution	Pavithra, Sneha, Sowmiya, Revathi
3.2	Problem Solution Fit	Prepared problem is analyzed and make effective solutions for the problem	Sneha, Sowmiya
3.3	Solution Architecture	Prepare an architecture for solution	Pavithra, Revathi
4	Project Design Phase-II		
4.1	Requirement Analysis	Prepare the Functional Requirement and Non- Functional Document	Pavithra, Sneha, Sowmiya, Revathi
4.2	Customer Journey	Preparation of customer journey maps to understand the user interactions & experiences with the application (entry to exit)	Sneha
4.3	Data Flow Diagrams	Prepare a Data Flow Diagram for Project use level0 (Industry Standard)	Sowmiya
4.4	Technology Architecture	Prepare Technology Architecture of the solution	Revathi, Pavithra

5	Project Planning Phase		
5.1	Milestones & Tasks	Prepare Milestone & Activity List	Pavithra, Sneha, Sowmiya, Revathi
5.2	Sprint Schedules	Prepare Sprint Delivery Plan	Pavithra, Sneha, Sowmiya, Revathi
6	Project Development Phase		
6.1	Coding & Solutioning	Sprint-1 Delivery: Develop the Code, Test and push it to GitHub.	Pavithra, Sneha, Sowmiya, Revathi
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.	Pavithra, Sneha, Sowmiya, Revathi
6.3	Performance Testing	Sprint-4 Delivery: Develop the Code, Test and push it to GitHub.	Pavithra, Sneha, Sowmiya, Revathi