

PROJECT PLANNING PHASE

Prepare Milestone & Activity List

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| Date: | 22-October 2022 |
| Project Name: | Smart Farmer - IOT Enabled Smart Farming Application |
| Maximum Marks: | 4 Marks |
| Team Id: | PNT2022TMID39327 |

| Title | Description | Date |
|--|---|----------------|
| Literature survey on the selected project & Information Gathering | Collect the relevant information on project use case, refer the existing solutions, technical papers, research publications etc. | 3rd Sept 2022 |
| Prepare Empathy Map | Empathy Map Canvas to capture the user Pains & Gains, Prepare list of problem statements. | 10th Sept 2022 |
| Organizing the brainstorming session | Participate in Brainstorming & Ideation, list the ideas and shortlist the top 3 ideas. | 17 Sept 2022 |
| Proposed solution | proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc. | 24 Sept 2022 |
| Problem Solution Fit | Prepare problem - solution fit document. | 27 Sept 2022 |
| Solution Architecture | Prepare Solution Architecture. | 01 Oct 2022 |
| Customer Journey | customer journey maps to understand the user interactions & experiences with the application (entry to exit). | 7 Oct 2022 |
| Technology Architecture | Prepare Technology Architecture. | 14 Oct 2022 |
| Milestone & Activity List | Prepare Milestone & Activity List. | 20 Oct 2022 |
| Project Development - Delivery of Sprint-1, 2, 3 & 4 | Organize a demonstration session for each sprint, review the code and share your inputs. | 18 Nov 2022 |
| ACTIVITY TITLE | ACTIVITY DESCRIPTION | |
| Live Session | Attending the Live Session to Understand Project. | |
| Assigning The Task | Splitting the work Equally to the Team Members & Assigning the Task. | |
| Understanding The Project & Requirements | Discussing With Team Members About the Project. | |
| Developing Code | Interfacing The sensors With Necessary Code and Storing The data In IBM Cloud. | |
| Node Red | Connecting And Working on Node -Red. | |
| MIT- App Inventor | Creating User Interface. | |
| Report | Preparing Report for The Project Including All the Steps To Complete | |

