# PROJECT PLANNING PHASE

## Milestone&Activity List

| Date | 16 November2022 |
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| TeamID | PNT2022TMID11119 |
| ProjectName | Smart Farmer-IOT Enabled Smart Farming Application |

| TITLE | DESCRIPTION | DATE |
|---|---|---|
| Literature Survey &InformationGathering | Literature survey on theselected project & gatheringinformation by referring the,technical papers, researchpublicationsetc. A Literature Surveyisacompilation summary ofresearch done previously in the given topic. | 10September2022 |
| PrepareEmpathyMap | EmpathyMapisavisualization tool which can be usedto getabetter insightofthecustomer. PrepareEmpathyMapCanvasto capture the user Pains &Gains, Prepare list of problemstatements. | 11September2022 |
| Brainstormingideas | Brainstorming is a groupproblem solving sessionwhereideas areshared, discussed and organizedamongtheteammembers. List the ideas by organizing thebrainstorming session andprioritize the top 3 ideas basedonthefeasibility&importance. | 17September2022 |
| DefineProblemStatement | A Problem Statement is aconcise description of theproblemorissuesaprojectseeksto address.Theproblemstatement identifies the currentstate,the desired future state andanygaps betweenthetwo. | 17September2022 |

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| ProposedSolution | Proposed solution shows thecurrent solutionandithelpsisgoingtowards thedesiredresultuntilitisachieved. Prepare the proposed solutiondocument, which includes thenovelty, feasibility of idea,businessmodel,socialimpact,scalabilityof solution, etc. | 30September2022 |
| ProblemSolutionFit | Prepareproblem-solutionFitdocument. Thishelpsustounderstandthethoughts of the customer theirlikes, behavior,emotionsetc. | 30September2022 |
| SolutionArchitecture | PreparesolutionArchitecturedocument. Solution Architecture is a verycomplex process i.e it has a lotof sub-processes and branches.It helps in understanding thecomponentsand featurestocompleteourproject. | 30September2022 |
| CustomerJourney | Prepare the customer journeymaps to understand the userinteractions & experienceswiththeapplication. It helps us to analyze from theperspectiveofacustomer,whouses ourproject. | 08October2022 |
| FunctionalRequirement | Here functional and non-functional requirementsare briefed.It has specific features like usability,security,reliability,performance,availabilityand scalability. Prepare Functional Requirement Document. | 15October2022 |

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| DataFlow Diagrams | Data Flow Diagram is agraphical or visualrepresentation using astandardizedsetofsymbols and notations to describe abusiness's operationsthroughdatamovement. Draw the data flow Diagrams and submit forreview. | 15October2022 |
| TechnologyArchitecture | Technology Architecture is amore well defined version ofsolutionarchitecture.Ithelpsus analyze and understand varioustechnologies that needs to beimplementedinthe project. Prepare Architecturediagram. | 15October2022 |
| PrepareMilestone&Activity List | PrepareMilestone&Activity List. It helps us to understand andevaluateourownprogressand accuracysofar. | 1November2022 |
| Sprint Delivery Plan | Prepare Sprint planning which is an event inscrumthatkicksoffthesprint.Thepurpose ofsprintplanning isto definewhatcanbedeliveredinthesprintandhow that work will beachieved. | 9 November2022 |
| ProjectDevelopment Phase - Deliveryof Sprint-1,2,3,4 | Develop & submit thedevelopedcodebytestingit. | In Progress. |