PROJECT PLANNING PHASE

Milestone&Activity List

Date	16 November2022
TeamID	**PNT2022TMID11808**
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

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

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.