

Project Planning Phase Project Planning (Product Backlog, Sprint Planning, Stories, Story points)

<i>Date</i>	06 November 2022
<i>Team ID</i>	PNT2022TMID25832
<i>Project Name</i>	Smart Solutions for Railways
<i>Maximum Marks</i>	8 Marks

MILESTONE AND ACTIVITY LIST

S.NO	Milestone	Activities	Start	Finish	Status
1.	IBM Cloud Service	Create an IBM account	22/8/22	27/8/22	Complete
	✓ Prerequisites		22/8/22	27/8/22	Complete
	✓ MIT AppInverter	Sign up for MIT App Inventor for Creating Apps	22/8/22	27/8/22	Complete
	✓ Create an account in Fast2sms dashboard	Create an Account inFast2sms	22/8/22	27/8/22	Complete
	✓ Software	Install PythonIDLE 3.7.0	22/8/22	27/8/22	Complete
2.	Project Objective	Prepare theProject Objective	22/8/22	27/8/22	Complete
3.	Create and Configure IBM Cloud Services		3/10/22	19/10/22	Complete
	✓ Create a IBM Watson IOT Platform and a Device	Create a IBMWatson IOT Platform and a Device	3/10/22	10/10/22	Complete
	✓ Create NodeRED Service	Create NodeRED Service	10/10/22	19/10/22	Complete
4.	Develop a Python Script	Develop a Python Code	12/10/22	19/10/22	In Progress
5.	Build a Web Application Using Node-RED Service	Build a Web Application Using Node - RED Service	22/8/22		In Progress
6.	Develop a Mobile Application	Develop aMobile Application	22/8/22		In Progress
7.	Ideation Phase		29/8/22	17/9/22	Complete
	✓ LiteratureSurvey	Literature Survey on theSelected Project & InformationGathering	29/8/22	3/9/22	Complete
	✓ EmpathyMap	Prepare Empathy Map Capture the User's Pain &Gain , PrepareList of Problem Statement	5/9/22	10/9/22	Complete
	✓ Ideation	List the Ideas by Organizingthe	12/9/22	17/9/22	Complete

		Brainstorming Session & Importance			
8.	Project Design Phase-I		12/9/22	1/10/22	Complete
	✓ Proposed Solution	Prepare the Proposed Solution document , Which includes the Novelty , feasibility of idea , Business Model , Social impact etc..	12/9/22	17/9/22	Complete
	✓ Problem Solution Fit	Prepare Problem – Solution fit document	26/9/22	1/10/22	Complete
	✓ Solution Architecture	Prepare Solution Architecture	26/9/22	1/10/22	Complete
9.	Project Design Phase-II		3/10/22	15/10/22	Complete
	✓ Customer Journey	Prepare the Customer Journey Maps to understand the user interaction & experience with the application	3/10/22	15/10/22	Complete
	✓ Functional Requirement	Prepare the Functional Requirement Document	10/10/22	15/10/22	Complete
	✓ Data Flow Diagram & User Stories	Prepare the Data Flow Diagram Document & User Stories	10/10/22	15/10/22	Complete
	✓ Technology Architecture	Prepare Technology Architecture of the Solution	10/10/22	15/10/22	Complete
10.	Project Planning Phase		17/10/22	22/10/22	Complete
	✓ Prepare Milestone & Activity List	Prepare Milestone & Activity List	17/10/22	22/10/22	Complete
	✓ Sprint Delivery Plan	Prepare Sprint Delivery Plan	17/10/22	22/10/22	Complete
11.	Project Development Phase		24/10/22	19/11/22	In Progress
	✓ Delivery of Sprint-1	Attend the AMA/ Expert Session -1, Project Development	24/10/22	29/10/22	In Progress

		-Delivery of Sprint -1			
	✓ Delivery of Sprint-2	Attend the AMA/ Expert Session - 2, Project Development -Delivery of Sprint -2	31/10/22	5/11/22	In Progress
	✓ Delivery of Sprint-3	Attend the AMA/ Expert Session -3, Project Development -Delivery of Sprint -3	7/11/22	10/11/22	In Progress
	✓ Delivery of Sprint-4	Attend the AMA/ Expert Session -4, Project Development -Delivery of Sprint -4	10/11/22	12/11/22	In Progress