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

Date	06 November 2022
Team ID	PNT2022TMID26022
Project Name	Smart Solutions for Railways
Maximum Marks	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 App Inverter	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 in Fast2sms	22/8/22	27/8/22	Complete
	✓ Software	Install PythonIDLE3.7.0	22/8/22	27/8/22	Complete
2.	Project Objective	Prepare the Project 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 IBM Watson IOT Platform and a Device	3/10/22	10/10/22	Complete
	✓ Create Node RED Service	Create Node RED 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	Develop a Mobile Application	22/8/22		In Progress

	Application				
7.	*Ideation Phase*		29/8/22	17/9/22	Complete
	✓ *Literature Survey*	Literature Survey on the Selected Project & Information Gathering	29/8/22	3/9/22	Complete
	✓ *Empathy Map*	Prepare Empathy Map Capture the User's Pain & Gain , Prepare List of Problem Statement	5/9/22	10/9/22	Complete
	✓ *Ideation*	List the Ideas by Organizing the Brainstorming Session & Importance	12/9/22	17/9/22	Complete
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	10/10/22	15/10/22	Complete

			Document			
	✓ **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	12/11/22	In Progress
	✓ **Delivery of Sprint-1**	Attend the AMA/ Expert Session-1, Project Development -Delivery of Sprint -1	24/10/22	29/10/22	In Progress
	✓ **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