Project Planning Phase

Milestone and Activity List

Date	22 October 2022
Team ID	PNT2022TMID21935
Project Name	IoT Based Safety Gadget for Child Safety Monitoring & Notification

S.No	Milestone	Activities	Start	Finish	Status
1.	IBM Cloud Services	Create an IBM account	22/08/22	27/08/22	Complete
	• Pre Requistics		22/08/22	27/08/22	Complete
	• MIT App Inverter	Sign up for MIT app Inverter for Creating Apps	22/08/22	27/08/22	Complete
	• Create an Account inFast2sms Dashboard	Create an Account in Fast2sms	22/08/22	27/08/22	Complete
	• Software	Install Python IDLE 3.7.0	22/08/22	27/08/22	Complete
2.	Project Objectives	Prepare the Project Objectives	22/08/22	27/08/22	Complete
3.	Create and Configure IBM CloudServices		03/10/22	19/10/22	Complete
	• Create a IBM Watson IoTPlatform And A Device	Create a IBM Watson IoT Platform And A Device	03/10/22	10/10/22	Complete
	• Create Node RED Service	Create Node RED Service	10/10/22	19/10/22	Complete

4.	Develop a Python Script	Develope a Python code	12/10/22	19/10/22	Complete
5.	Build a Web application UsingNode-RED Service	Build a Web application Using Node-RED Service	22/08/22		In Progress
6.	Develope A Mobile Applicaion	Develope A Mobile Applicaion	22/08/22		In Progress
7.	Ideation Phase		29/08/22	17/09/22	Complete
	• Literature Survey	Literature Survey On the selected Project &Information Gathering	29/08/22	03/09/22	Complete
	• Empathy Map	Prepare Empathy Map Canvasto Capture the User'sPain & Gain,Prepare List of Problem Statement	05/09/22	10/09/22	Complete
	• Ideation	List the Ideas by organizing the Brainstormingsession & Importance	12/09/22	17/09/22	Complete
8.	Project Design Phase-I		12/09/22	01/10/22	Complete
	• Proposed Solution	Prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc.	12/09/22	17/09/22	Complete
	• Problem Solution Fit	Prepare problem - solution fit document	26/09/22	01/10/22	Complete
	• Solution Architecture	Prepare Solution Architecture	26/09/22	01/10/22	Complete
9.	Project Design Phase-II		03/10/22	15/10/22	Complete
	• Customer Journey	Prepare the customer journey maps to understandthe user interactions & experiences with the application	03/10/22	08/10/22	Complete
	• Functional Requirement	Prepare the Functional Requirement Document	10/10/22	15/10/22	Complete
	• Data Flow Diagrams & UserStories	Prepare the Data Flow Diagram Document & UserStories	10/10/22	15/10/22	Complete

	• Technology Architecture	Prepare Technology Architecture of solution	10/10/22	15/10/22	Complete
10.	Project Planning Phase		17/10/22	22/10/22	Complete
	• Prepare mileston and ActivityList	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, ProjectDevelopment - Delivery of Sprint-1	24/10/22	29/10/22	Not Started
	• Delivery of Sprint-2	Attend the AMA / Expert Session-2,ProjectDevelopment - Delivery of Sprint-2	31/10/22	05/11/22	Not Started
	• Delivery of Sprint-3	Attend the AMA / Expert Session-3,ProjectDevelopment Delivery of Sprint-3	07/11/22	12/11/22	Not Started
	• Delivery of Sprint-4	Attend the AMA / Expert Session-4,ProjectDevelopment - Delivery of Sprint-4	14/11/22	19/11/22	Not Started

Gantt chart timeline (Aug – Nov)

Task	Timeline
IBM Cloud Services	Aug 21
Pre Requistics	Aug 21
MIT App Inverter	Aug 21
Create an Account in Fast2sms Dashboard	Aug 21
Software	Aug 21
Project Objectives	Aug 21
Create and Configure IBM Cloud Services	Oct 2 – Oct 16
Create a IBM Watson IoT Platform And A Device	Oct 2 – Oct 9
Create Node RED Service	Oct 9 – Oct 16
Develop a Python Script	Oct 9 – Oct 16
Build a Web application Using Node-RED Service	Aug 21
Develope A Mobile Applicaion	Aug 21
Ideation Phase	Aug 28 – Sep 18
Literature Survey	Aug 28
Empathy Map	Sep 4
Ideation	Sep 11
Project Design Phase-I	Sep 11 – Oct 2
Proposed Solution	Sep 11
Problem Solution Fit	Sep 25
Solution Architecture	Sep 25
Project Design Phase-II	Oct 2 – Oct 16
Customer Journey	Oct 2
Functional Requirement	Oct 9
Data Flow Diagrams & User Stories	Oct 9
Technology Architecture	Oct 9
Project Planning Phase	Oct 16
Prepare mileston and Activity List	Oct 16
Sprint Delivery Plan	Oct 16
Project Developm...	Oct 23 – Nov 13
Delivery of Sprint-1	Oct 23
Delivery of Sprint-2	Oct 30
Delivery of Sprint-3	Nov 6
Delivery of Sprin...	Nov 13