## Milestone and Activity List

## **Project Planning Phase**

Date	22 October 2022
Team ID	PNT2022TMID38645
Project Name	Project – IOT-Based Safety Gadget for ChildSafety Monitoring and Notification

## Milestone and Activity List

S.N o	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
	<ul> <li>Create an Account inFast2sms</li> <li>Dashboard</li> </ul>	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.	Develope 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's Pain & 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
	<ul> <li>Data Flow Diagrams &amp; UserStories</li> </ul>	Prepare the Data Flow Diagram Document & UserStories	10/10/22	15/10/22	Complete

<ul> <li>Technology</li> </ul>	Prepare Technology Architecture of the	10/10/22	15/10/22	Complete
Architecture	solution			

10.	<b>Project Planning Phase</b>		17/10/22	22/10/22	Complete
	<ul> <li>Prepare mileston and ActivityList</li> </ul>	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	
	<ul> <li>Delivery of Sprint-1</li> </ul>	Attend the AMA / Expert Session- 1, ProjectDevelopment - Delivery of Sprint-1	24/10/22	29/10/22	Not Started
	<ul> <li>Delivery of Sprint-2</li> </ul>	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
	<ul> <li>Delivery of Sprint-4</li> </ul>	Attend the AMA / Expert Session- 4,ProjectDevelopment - Delivery of Sprint-4	14/11/22	19/11/22	Not Started

	Aug							Sep			Oct				Nov				
	Jul 31	Aug 7	Aug 14	Aug 21	Aug	28	Sep 4	Sep 11	Sep 18	Sep 25	Oct 2	Oct 9	Oct 16	Oct 23	Oct 30	Nov 6	Nov 13	Nov 20	Nov
			]		IBM	Cloud	Services												
5					Pre l	Requi	stics												
			4.0		MIT	App In	werter												
					Crea	te an	Account in	Fast2sms D	ashboard										
				3	Soft	ware													
					Proje	ect Ob	jectives												
													Cn	ate and Cont	figure IBM	Cloud Serv	ices		
3												Create	a IBM Wat	on loT Platfo	rm And A	Device			
													Cr.	ate Node RE	D Service				
													De	velope a Pyth	on Script				
				Build :	Web	applic	ation Using	Node-RED	Service										
				Develo	pe A N	Mobile	Application	1											
									Ideation I	Phase									
							Literature	Survey											
=								Empathy	Map										
									Ideation										
											Project D	esign Phase	-13						
									Proposed	Solution									
											Problem	Solution Fit							
											Solution	Architecture							
						П							Project D	esign Phase-I	1				
												Customer	Journey						
													Functiona	l Requiremen	nt				
													Data Flow	Diagrams &	User Stori	es			
Í													Technolo	gy Architectur	e				
														Project Pla	nning Pha	se			
														Prepare mi	leston an	d Activity Li	st		
														Sprint Deli	reny Plan	İ			
																		Project D	evelop
															Delivery	of Sprint-1			
÷.					-											7	of Sprint-2		
																986,000,000	The State of the S	of Sprint-3	
												1			1			Delivery	of Sprin