MILESTONES AND ACTIVITY LISTS

Date	18 October 2022
Team ID	PNT2022TMID01063
Project Name	Project – Signs with smart connectivity with better road safety

TITLE	DESCRIPTION	SUBMISSION DATE
1. Prerequisite	This section consider the followings should have an account creation and knowledge about usage: *IBM Cloud Services *Software *Create an account in open weathermap API	1 November 2022
2.Ideation Phase	This section identifies the problem motive, find steps to solve	30 September 2022
2.1 Literature survey & Information Gathering	A literature review is a comprehensive summary of previous researches on the topic. The literature review surveys scholarly articles, books, and other sources relevant to a particular area of research.	30 September 2022
2.2 Prepare Empathy Map	An empathy map is a collaborative tool teams can use to gain a deeper insight into their customers. It helps us to understand the customers'pain, gain and difficulties from their point of view.	30 September 2022

2.3 Ideation – Brainstorming	Brainstorming is a group of problem-solving method that organize various ideas and thoughts from team members.	30 September 2022
3. Project Design Phase-1	This section consider the dimensions of handling the project through various methods:	07 October 2022
3.1 Proposed Solution	It helped us analyze and examine our solution more in the grounds of uniqueness, social impact,business model, scalability etc.	4 October 2022
3.2 Problem Solution Fit	It helped us understand and analyze all the thoughts of our customer,their choice of options, problems, root cause, behaviour and emotions.	07 October 2022
3.3 Solution Architecture	Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. It helped us understand the features and components used to complete the project.	07 October 2022
4.Project Design Phase- 2	This section tells about customer satisfaction	17 October 2022

4.1 Customer Journey	It helped to analyse the various steps, interactions,goals and motivation, positives, negatives and opportunities.	11 October 2022
4.2 Functional Requirements	It briefs about functionaland non-functional requirements. It involvesthe various steps in the entire process. It also specifies features usability, security, reliability, performance, availability and scalability	19 October 2022
4.3 Data Flow Diagrams	A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.	12 October 2022
4.4 Technology Architecture	A tech stack is the combination of technologies a company uses to build and run an application or project. It helps us analyse and understand various technologies that needs tobe implemented in the project.	17 October 2022

5. Project Plan Phase	This section describes the project phase at each stages to analyse the growth where it is categorized into 2	5 November 2022
5.1 Milestone and activity list	Helps us understand and evaluate our progress and accuracy so far.	5 November 2022
5.2 Sprint delivery phase	Sprint Planning is an event in scrum that defines what can be delivered in the upcoming sprint and how that work will be achieved.It helps us to organise andcomplete the work effectively and efficiently.	5 November 2022
6. Project Design phase	This phase tells the project phases into 4 categories	In progress
6.1 Project Development Delivery of phase-1	Develop and submit the developed code by testing it	In progress
6.2 Project Development Delivery of phase-2	Develop and submit the developed code by testing it	In progress
6.3 Project Development Delivery of phase-3	Develop and submit the developed code by testing it	In progress
6.4 Project Development Delivery of phase-4	Develop and submit the developed code by testing it	In progress