

**PROJECT PLANNING PHASE**  
**MILESTONE AND ACTIVITY LIST**

<b>Date</b>	<b>18 October 2022</b>
<b>Team ID</b>	<b>PNT2022TMID32727</b>
<b>Project Name</b>	<b>Signs with smart connectivity for better road safety</b>
<b>Maximum Marks</b>	<b>4 marks</b>

<b>S.NO</b>	<b>ACTIVIT YTITLE</b>	<b>ACTIVITY DESCRIPTION</b>	<b>DURATION</b>
<b>1</b>	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.	3 September2022
<b>2</b>	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.	9 September 2022
<b>3</b>	Ideation- Brainstorming	Brainstorming is a group problem-solving method that helped us to gather and organize various ideas and thoughts from team members.	17 September 2022
<b>4</b>	Define Problem statement	The Customer Problem Statement helps us to focus on what matters to create experiences people will love. A well-articulated customer problem statement allowed us to	17 September 2022

		find the ideal solution for the challenges customers face.	
<b>5</b>	Problem Solution Fit	It helped us understand and analyze all the thoughts of our customer, their choice of options, problems, root cause, behavior and emotions.	19 September 2022
<b>6</b>	Proposed solution	It helped us analyze and examine our solution more in the grounds of uniqueness, social impact, business model, scalability etc	19 September 2022
<b>7</b>	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.	30 September 2022
<b>8</b>	Customer journey map	It helped to analyse the various steps, interactions, goals and motivation, positives, negatives and opportunities.	15 October 2022
<b>9</b>	Solution requirements	It briefs about functional and non-functional requirements. It involves the various steps in the entire process. It also specifies features usability, security, reliability, performance, availability	15 October 2022

<b>10</b>	Technology stack	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 to be implemented in the project.	15 October 2022
<b>11</b>	Data flow	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.	15 October 2022
<b>12</b>	Sprint Delivery plan	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 organize and complete the work effectively and efficiently.	18 October 2022
<b>13</b>	Prepare milestone and activity list	Helps us understand and evaluate our progress and accuracy so far	18 October 2022
<b>14</b>	Project Development – Delivery of Sprint-1	Develop and submit the developed code by testing it.	In progress