

**Project Planning Phase  
Milestone and Activity List**

Date	22 October 2022
Team ID	PNT2022TMID32817
Project Name	Estimate the crop yield using data analytics

S.No	Milestones	Activities	Timeline
1.	<b>Literature Survey &amp; Information Gathering</b>	Prepare Literature Survey for the selected project & gather necessary information.	29 Aug - 3rd Sept 2022
2.	<b>Empathy Map</b>	Prepare Empathy Map Canvas to capture the user gains and pains.	5 - 10th Sept 2022
3.	<b>Brainstorm</b>	Ideas are listed and top 3 ideas are prioritized.	12 - 17 Sept 2022
4.	<b>Proposed Solution</b>	Proposed solution document is prepared which includes novelty, feasibility of idea, social impact, scalability of solution.	19 - 24 Sept 2022
5.	<b>Problem Solution Fit</b>	Includes customer segments and customer constraints, the problem root cause and jobs to be done.	26 Sept - 01 Oct 2022
6.	<b>Solution Architecture</b>	From data collection to digit recognition by the web application are represented in architectural diagrams.	26 Sept - 01 Oct 2022
7.	<b>Customer Journey</b>	Prepare customer journey maps to understand user interactions and experiences with the applications.	3 - 8 Oct 2022
8.	<b>Functional Requirements</b>	Functional Requirements and non functional requirements like scalability, and accuracy are described.	10 - 15 Oct 2022
9.	<b>Data Flow Diagrams and User Stories</b>	Data flow diagrams and user stories are prepared and four sprint phases are described.	10 - 15 Oct 2022
10.	<b>Technology Architecture</b>	Technical flow graphs are created and the functions of technical stacks are defined.	10 - 15 Oct 2022
11.	<b>Prepare Milestones &amp; Activities List</b>	Prepare the list for milestones & activities.	17 - 22 Oct 2022
12.	<b>Sprint Delivery Plan</b>	Prepare the sprint delivery plan of the project.	17 - 22 Oct 2022
13.	<b>Project Development – Delivery of Sprint 1,2,3&amp; 4</b>	Develop and submit the developed code by testing it.	29 Oct 2022 - 19 Nov 2022