Project Planning Phase
Milestone and Activity list

Team ID	PNT2022TMID00458
Project Members	Johina, Aishwarya, Angelin Varsha Roy, Dikshitha
Project Name	Retail Store Stock Inventory Analytics
Project mentors	**Industry Mentor -** Shivani Kapoor Faculty Mentor – R Deepa

Activity number	Activity name	Detailed Activity Description	Assigned To
1	**Preparation Phase**	• Access the resources (courses) in project dashboard • Access the guided project workspace • Create GitHub account & collaborate with Project Repository in project workspace • Set-up the Laptop / Computers based on the prerequisites for each technology track	Johina, Aishwarya, Angelin Varsha Roy, Dikshitha
2	**Ideation Phase**		
2.1	Literature survey	Literature survey on the selected project & Information Gathering	Angelin Varsha Roy, Dikshitha
2.2	Define a problem statement	Prepare the list of problem statements to understand the user needs	Angelin Varsha Roy, Aishwarya
2.3	Empathy Map	Preparation of Empathy Map Canvas to capture the user Pains & Gains	Johina, Dikshiths
3	**Project Design Phase I**		
3.1	Proposed Solution	Preparation of proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution	Aishwarya

3.2	Problem Solution Fit	Prepared problem is analyzed and make effective solutions for the problem	Angelin Varsha Roy
3.3	Solution Architecture	Prepare an architecture for solution	Dikshitha
4	**Project Design Phase II**		
4.1	Requirement Analysis	Prepare the Functional Requirement and Non- Functional Document	Dikshitha
4.2	Customer Journey	Preparation of customer journey maps to understand the user interactions & experiences with the application (entry to exit)	Aishwarya
4.3	Data Flow Diagrams	Prepare a Data Flow Diagram for Project use level 0 (Industry Standard)	Angelin Varsha Roy
4.4	Technology Architecture	Prepare Technology Architecture of the solution	Johina
5	**Project Planning Phase**		
5.1	Milestones & Tasks	Prepare Milestone & Activity List	Angelin Varsha Roy
5.2	Sprint Schedules	Prepare Sprint Delivery Plan	Johina, Aishwarya
6	**Project Development Phase**		
6.1	Coding & Solutioning	Sprint-1 Delivery: Develop the Code, Test and push it to GitHub.	Johina, Aishwarya, Angelin Varsha Roy, Dikshitha
6.2	Acceptance Testing	Sprint-2 Delivery: Develop the Code, Test and push it to GitHub. Sprint-3 Delivery: Develop the Code, Test and push it to GitHub.	Johina, Aishwarya, Angelin Varsha Roy, Dikshitha
6.3	Performance Testing	Sprint-4 Delivery: Develop the Code, Test and push it to GitHub.	Johina, Aishwarya, Angelin Varsha Roy, Dikshitha

Milestone with Timeline chart :

Git Colab — **26 Sept**

20 Oct — Literature survey
Define a problem statement
Empathy Map

Proposed Solution — **26 Oct**

26 Oct — Solution Architecture, Problem Solution fit

Customer Journey map — **29 Oct**

29 Oct — Solution Requirement

Technology Stack — **29 Oct**

1 Nov — Milestone & Activity, Sprint Deliver plan

Sprint - 1 — **2 Nov**

5 Nov — Sprint - 2

Sprint - 3 — **12 Nov**

19 Nov — Sprint - 4