

MILESTONE ANDACTIVITY LIST

Team ID	PNT2022TMID35018
Project Name	Project - Retail Store Stock Inventory Analytics
Maximum Marks	2 Marks

Project Name	Retail Store Stock Inventory Analytics	Name of the members	Mathava Naresh S, Sanjai S, Raja R, Kavın Karthick D S
Team ID	PNT2022TMID35018	Team Members	4

Activity Number	Activity Name	Detailed Activity Description	Assigned To	Status / Comments
1	Preparation Phase	<ul style="list-style-type: none">Access the resources (courses) in project dashboardAccess the guided project workspaceCreate GitHub account & collaborate with Project Repository in project workspaceSet-up the Laptop / Computers based on the prerequisites for each technology track	Mathava Naresh S Sanjai S Raja R Kavin Karthick D S	It refers to done the listed activities in the preparation phase and done Prerequisites, Registration, Environment setup

2	Ideation Phase	<ul style="list-style-type: none"> Literature survey on the selected project & Information Gathering Preparation of Empathy Map Canvas to capture the user Pains & Gains, Preparelist of problem statements List the ideas by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance 	Mathava Naresh S Sanjai S Raja R Kavin Karthick D S	The activities in ideation phase refers to when gathering the idea for project information and picturize in Empathy map, referring the literature survey & brain storming the ideas for this project.
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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	Mathava Naresh S Sanjai S	The solution for the project is prepared as a standard document structure from Team members
3.2	Problem solution fit	Preparation of problem solution fit	Mathava Naresh S Sanjai S	Prepared problem is analyzed and make effective solutions for the problem

3.3	Solution Architectur e	Prepare an architecture for solution	Mathava Naresh S Raja R	Suitable block diagram template used to prepare Solution architecture
4	Project Design Phase -II			
4.1	Requirement Analysis	Prepare the Functional Requirement and Non-Functional Document	Mathava Naresh S Kavin Karthick D S	Listing of functional and non-functional requirements of project.
4.2	Customer Journey	Preparation of customer journey maps to understand the user interactions & experiences with the application (entry to exit)	Mathava Naresh S Kavin karthick D S	Customer journey map prepared by suitable template by team members.
4.3	Data Flow Diagrams	Prepare a Data Flow Diagram for Project	Mathava Naresh S Sanjai S	Use suitable data flow diagram rules and standards to prepare DFD
4.4	Technology Architecture	Prepare Technology Architecture of the solution	Mathava Naresh S Raja R	We created architecture diagram and technologies used for this project

5	Project planning phase			
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5.1	Milestones & Tasks	Prepare Milestone & Activity List	Mathava Naresh S Sanjai S Raja R Kavin Karthick D S	When project begins then it is expected that project related activities must be initiated. In project planning, series of milestones must be established.
5.2	Sprint Schedules	Prepare Sprint Delivery Plan	Mathava Naresh S Sanjai S Raja R Kavin Karthick D S	In this, Product Backlog, Sprint Schedule for the Project are estimated.
6	Project Development Phase			In this, we are going to develop & submit the developed code by testing it.
6.1	Coding & Solutioning	Sprint-1 Delivery: Develop the Code, Test and push it to GitHub.	Mathava Naresh S Sanjai S Raja R Kavin Karthick D S	
6.2	Acceptance Testing	<ul style="list-style-type: none"> Sprint-2 Delivery: Develop the Code, Test and push it to GitHub. Sprint-3 Delivery: Develop the Code, Test and push it to GitHub. 	Mathava Naresh S Sanjai S Raja R Kavin Karthick D S	
6.3	Performance Testing	Sprint-4 Delivery: Develop the Code, Test and push it to GitHub.	Mathava Naresh S Sanjai S Raja R Kavin Karthick D S	

Milestone:

When project begins then it is expected that project related activities must be initiated. In project planning, series of milestones must be established. Milestone can be defined as recognizable endpoint of software project activity.

At each milestone, report must be generated.

Milestone is distinct and logical stage of the project. It is used as signal post for project start and end date, need for external review or input and for checking budget, submission of the deliverable, etc. It simply represents clear sequence of events that are incrementally developed or build until project gets successfully completed. It is generally referred to as task with zero-time duration because they are used to symbolize an achievement or point of time in project. It helps in signifying change or stage in development.

Milestone Timeline Chart

