

MILESTONE AND ACTIVITY LIST

Date	: 3 November 2022
Team ID	: PNT2022TMID38341
Project Name	: A Novel Method for Handwritten Digit Recognition System
Maximum Marks	: 2 Marks

Activity Number	Activity Name	Detailed Activity Description	Assigned To	Status/ Comments
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	Karthick B, Nithiyanandam K, Praveen Kumar S, Amarnath D	It refers to done the listed activities in the preparation phase and done Prerequisites, Registration, Environment setup
2	Ideation Phase	Literature survey on the selected project & Information Gathering, Preparation of Empathy Map Canvas to capture the user Pains & Gains, prepare list of problem statements List the ideas by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance	Karthick B, Nithiyanandam K, Praveen Kumar S, Amarnath D	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.
3	Project Design Phase- I			
3.1	Proposed Solution	Preparation of proposed solution document, which includes the novelty, feasibility of idea, business model, socialimpact, scalability of solution	Karthick B, Nithiyanandam K, Praveen Kumar S, Amarnath D	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	Karthick B, Nithiyanandam K, Praveen Kumar S, Amarnath D	Prepared analyzed and make effective solutions for the problem

3.3	Solution Architecture	Prepare an architecture for solution	Karthick B, Nithiyanandam K, Praveen Kumar S, Amarnath D	Suitable block Diagram template used to prepare Solution architecture
4	Project Design Phase -II			
4.1	Requirement Analysis	Prepare the Functional Requirement and the Non-Functional Requirement	Karthick B, Nithiyanandam K, Praveen Kumar S, Amarnath D	Listing of functional and Non-Functional Requirements of the project
4.2	Customer Journey	Preparation of customer journey maps to Journey understands the user interactions & experiences with the application (entry to exit)	Karthick B, Nithiyanandam K, Praveen Kumar S, Amarnath D	Customer Journey map prepared by suitable template by team members
4.3	Data Flow Diagrams	Prepare a Data Flow Diagram for Project	Karthick B, Nithiyanandam K, Praveen Kumar S, Amarnath D	Use suitable data flow diagram rules and standards to prepare DFD
4.4	Technology Architecture	Prepare Technology Architecture of the solution		We created

			Karthick B, Nithiyanandam K, Praveen Kumar S, Amarnath D	architecture diagram and technologies used for this project
5	Project planning phase			
5.1	Milestones & Tasks	Prepare Milestone & Activity List	Karthick B, Nithiyanandam K, Praveen Kumar S, Amarnath D	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	Karthick B, Nithiyanandam K, Praveen Kumar S, Amarnath D	In this, Product Backlog, Sprint Schedule for the Project are estimated.

6	Project Development Phase		Karthick B, Nithiyanandam K, Praveen Kumar S, Amarnath D	In this, we are going to develop & submit the developed code by testing it.
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6.1	Coding & Solutioning	Sprint-1 Delivery: Develop the Code, Test and push it to GitHub.	Karthick B, Nithiyanandam K, Praveen Kumar S, Amarnath D	
6.2	AcceptanceTesting	Sprint-2 Delivery: Develop the Code, Test and push it to GitHub. Sprint-3 Delivery: Develop the Code, Test and push it to GitHub.	Karthick B, Nithiyanandam K, Praveen Kumar S, Amarnath D	
6.3	PerformanceTesting	Sprint-4 Delivery: Develop the Code, Test and push it to GitHub.	Karthick B, Nithiyanandam K, Praveen Kumar S, Amarnath D	

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

