

MILESTONE AND ACTIVITY LIST

Date	: 3 November 2022
Team ID	: PNT2022TMID00698
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	<p>Access the resources (courses) in project dashboard</p> <p>Access the guided project workspace</p> <p>Create GitHub account & collaborate with Project Repository in project workspace</p> <p>Set-up the Laptop / Computers based on the prerequisites for each technology track</p>	Valarmathy V Marella Mansi Priyadharsini P Suruthi S	It refers to done the listed activities in the preparation phase and done Prerequisites, Registration, Environment setup
2	Ideation Phase	<p>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 thetop 3 ideas based on the feasibility & importance</p>	Valarmathy V Marella Mansi Priyadharsini P Suruthi 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.
3	Project Design Phase- I			
3.1	ProposedSolution	Preparation of proposed solution document,which includes the novelty, feasibility of idea,business model, social impact, scalability of solution	Valarmathy V Marella Mansi Priyadharsini P Suruthi 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	Valarmathy V Marella Mansi Priyadharsini P Suruthi S	Prepared problemis analyzed and make effective solutions for the problem

3.3	Solution Architecture	Prepare an architecture for solution	Valarmathy V Marella Mansi Priyadharsini P Suruthi S	Suitable block Diagram template used to prepare Solution architecture
4	Project DesignPhase -II			
4.1	Requirement Analysis	Prepare the Functional Requirement and the Non-Functional Requirement	Valarmathy V Marella Mansi Priyadharsini P Suruthi S	Listing of functional and Non-Functional Requirements of the project
4.2	Customer Journey	Preparation of customer journey maps to Journey understand the user interactions & experiences with the application (entry to exit)	Valarmathy V Marella Mansi Priyadharsini P Suruthi S	Customer Journey map prepared by suitable template by team members.
4.3	Data FlowDiagrams	Prepare a Data Flow Diagram for Project	Valarmathy V Marella Mansi Priyadharsini P Suruthi S	Use suitable data flow diagram rules and standards to prepare DFD
4.4	Technology Architecture	Prepare Technology Architecture of the solution	Valarmathy V Marella Mansi	We created

			Priyadharsini P Suruthi S	architecture diagram and technologies used for this project
5	Project planning phase			
5.1	Milestones & Tasks	Prepare Milestone & Activity List	Valarmathy V Marella Mansi Priyadharsini P Suruthi 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	Valarmathy V Marella Mansi Priyadharsini P Suruthi 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.	Valarmathy V Marella Mansi Priyadharsini P Suruthi S	
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.	Valarmathy V Marella Mansi Priyadharsini P Suruthi S	
6.3	PerformanceTesting	Sprint-4 Delivery: Develop the Code, Test and push it to GitHub.	Valarmathy V Marella Mansi Priyadharsini P Suruthi 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

