MILESTONE AND ACTIVITY LIST

Date	25 October 2022
Team ID	PNT2022TMID18609
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	Bharathi V Devadharshini R Sureka M Swathi C	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 thetop 3 ideas based on the feasibility & importance | Bharathi V Devadharshini R Sureka M Swathi C | 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,whichincludes the novelty, feasibility of idea,business model, social impact, scalability of solution	Bharathi V Devadharshini R Sureka M Swathi C	The solution for the project is prepared asa standard document structure from Team members
3.2	Problem Solution fit	Preparation of problem solution fit	Bharathi V Devadharshini R Sureka M Swathi C	Prepared problemis analyzed and make effective solutions for the problem
3.3	Solution Architecture	Prepare an architecture for solution	Bharathi V Devadharshini R Sureka M Swathi C	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	Bharathi V Devadharshini R Sureka M Swathi C	Listing of functional and non- functional requirements of projects.

4.2	Customer	Preparation of customer journey maps to	Bharathi V Devadharshini R Sureka M Swathi C	Customer journey
	Journey	understand the user interactions & experiences with the application (entry to exit)		A map prepared by suitable template by team members.
4.3	Data Flow Diagrams	Prepare a Data Flow Diagram for Project	Bharathi V Devadharshini R Sureka M Swathi C	Use suitable data flow diagram rules and standards to prepare DFD
4.4	Technology Architecture	Prepare Technology Architecture of the solution	Bharathi V Devadharshini R Sureka M Swathi C	We created architecture diagram and technologies used for this project

5	**Project planning phase**			
5.1	Milestones & Tasks	Prepare Milestone & Activity List	Bharathi V Devadharshini R Sureka M Swathi C	When project begins then it is expected thatproject related activities must be initiated. In project planning, series of milestones must be established.
5.2	Sprint Schedules	Prepare Sprint Delivery Plan	Bharathi V Devadharshini R Sureka M Swathi C	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 codeby testing it.
6.1	Coding & Solutioning	Sprint-1 Delivery: Develop the Code, Test and push it to GitHub.	Bharathi V Devadharshini R Sureka M Swathi C	
6.2	Acceptance Testing	Sprint-2 Delivery: Develop the Code, Test and pushit to GitHub. Sprint-3 Delivery: Develop the Code, Test and pushit to GitHub.	Bharathi V Devadharshini R Sureka M Swathi C	

6.3	Performance Testing	Sprint-4 Delivery: Develop the Code, Test and pushit to GitHub.	Bharathi V Devadharshini R Sureka M Swathi C	

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

Milestone timeline showing the following milestones plotted against dates from 24-Aug to 16-Nov:

- Solution requirements
- Prepare a Empathy Map
- Proposed Solution
- Functional Requirement
- Sprint Delivery Plan
- Delivery of Sprint-2
- Solution Architecture
- Technology Architecture
- Plot Area
- Delivery of Sprint-4
- Literature survey
- Customer Journey
- Prepare MileStone & Activity List
- Ideation
- Data Flow Diagram
- Delivery of Sprint-3
- Delivery of Sprint-1
- Problem Soution Fit