**MILESTONE AND ACTIVITY LIST**

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| Date | | 05-11-2022 | | |
| Team ID | | PNT2022TMID39912 | | |
| 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 | | Swetha s, Nandhini M, Mohana sundari, Likitha | 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

he

ideas by

organizing the

brainstorming session and prioritize the top 3 ideas

based on the feasibility & importance

Nandhini M,

Likitha R

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 | Swetha S,  Nandhini M,  Mohana Sundari D K,  Likitha | 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 | Swetha S,  Nandhini M,  Mohana Sundari D k,  Likitha | Prepared problem is analysed and  Make effective  Solutions for the  problem |
| 3.3 | Solution Architecture | Prepare an architecture for solution | Swetha S,  Mohana Sundari D K,  Likitha | Suitable  Blockdiagram template  used to prepare  Solution architecture |
| **4** | **Project Design Phase -II** |  |  |  |
| 4.1 | Requirement Analysis | Prepare the Functional Requirement and Non- Functional Document | Swetha S, Nandhini M,  Mohana Sundari,  Likitha R | Listing of functional and  non- functional  requirements of projects. |
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| 4.2 | Customer journey | Preparation of customer journey maps to  understand the user interactions & experiences  with the application (entry to exit) | Mohana sundari D K,  Lkitha R | Customer journey  map prepared by suitable template by team members. |
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| 4.3 | Data FlowDiagrams | Prepare a Data Flow Diagram for Project | Swetha S,  Nandhini M,  Mohana sundari D K, Likitha R | Use suitable data flow diagram rules and standards to prepare DFD. |
| 4.4 | Technology Architecture | Prepare Technology Architecture of the solution | Swetha S,  Nandhini M,  Mohana Sundari D K,  Likitha R | We created architecture  diagram and  technologies used  for this project. |
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| **5** | **Project planning phase** |  |  |  |
| 5.1 | Milestones & Tasks | Prepare Milestone & Activity List | Swetha 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 | Swetha s,  Nandhini M,  Mohana sundari D K, Likitha R | 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. | Swetha s,  Nandhini M,  Mohana sundari D K, Likitha R |  |
| 6.2 | Acceptance Testing | Sprint-2 Delivery: Develop the Code, Testand push it to GitHub.  Sprint-3 Delivery: Develop the Code, Testand push it to GitHub. | Swetha s,  Nandhini M,  Mohana sundari D K, Likitha R |  |
| 6.3 | Performance Testing | Sprint-4 Delivery: Develop the Code, Test and push it to GitHub. | Swetha s,  Nandhini M,  Mohana sundari D K, Likitha R |  |

**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.

