MILESTONE AND ACTIVITYLIST

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| Date | 28 October 2022 |
| Team ID | PNT2022TMID52260 |
| Project Name | A Novel Method For Handwritten Digit Recognition System |
| Maximum Marks | 2 Marks |

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| **SI. NO** | **Activity Name** | **Detailed Activity Description** | **Assigned To** | **Status / Comments** |
| **1** | **Preparation Phase** | Access the guided project workspace Create GitHub account & collaborate with Project Repository in project workspaceSet- up the Laptop / Computers based on the prerequisites for each technology track | T. chandru  M.vinath  A.Ajay  N.vignesh | 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 | T. chandru  M.vinath  A.Ajay  N.vignesh | The activities in ideation phase refers to when gathering the idea for project information and picturize in Empathy map, referring the  literature survey& |

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|  |  | ideas by organizing the brainstorming session and prioritize thetop 3 ideas based on the  feasibility & importance. |  | brain storming the ideas for this project |
| **3** | **Project DesignPhase -I** |  |  |  |
| 3.1 | Project DesignPhase  -I | Preparation of proposed solution document,which includes the novelty, feasibility of idea,business model,  social impact, scalability of solution | T. chandru  M.vinath  A.Ajay  N.vignesh | The solution for the project is prepared asa standard document structure from Team members |
| 3.2 | Problem Solution fit | Preparation of problem solution fit | T. chandru  M.vinath  A.Ajay  N.vignesh | Prepared problemis analyzed and make effective solutions for the problem |
| 3.3 | Solution Architecture | Prepare an architecture for solution | T. chandru  M.vinath  A.Ajay  N.vignesh | Suitable block diagram template used to prepare  Solution architecture |
| **4** | **Project DesignPhase -II** |  |  |  |
| 4.1 | Requirement Analysis | Prepare the Functional Requirement and Non- Functional Document | T. chandru  M.vinath  A.Ajay  N.vignesh | Listing of functional and non- functional requirements of projects. |
| 4.2 | Customer Journey | Preparation of customer journey maps to understand the user interactions & | T. chandru  M.vinath  A.Ajay | Customer Journey map prepared by suitable template by team members. |

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|  |  | experiences with the application (entry to exit) | N.vignesh |  |
| 4.3 | Data FlowDiagrams | Prepare a Data Flow Diagram for Project | T. chandru  M.vinath  A.Ajay  N.vignesh | Use suitable data flow diagram rules and standards to prepare DFD |
| 4.4 | Technology Architecture | Prepare Technology Architecture of the solution | T. chandru  M.vinath  A.Ajay  N.vignesh | We created architecture diagram and technologies used for this project |
| **5.** | **Project planning phase** |  |  |  |
| 5.1 | Milestones & Tasks | Prepare Milestone & Activity List | T. chandru  M.vinath  A.Ajay  N.vignesh | 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 | T. chandru  M.vinath  A.Ajay  N.vignesh | In this, Product Backlog, Sprint Schedule for the  Project areestimated. |
| **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 Sprint-1  Delivery: Develop the | T. chandru  M.vinath  A.Ajay  N.vignesh | we developed the code based on the problem statement. |

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|  |  | Code, Test and push it to GitHub. |  |  |
| 6.2 | AcceptanceTesting | Sprint-2 Delivery: Develop the Code, Test and push it to GitHub. Sprint-3 Delivery: Develop the  Code, Testand push it to GitHub. | T. chandru  M.vinath  A.Ajay  N.vignesh | After the code developing the stage,we started to test code to get the predicted output. |
| 6.3 | PerformanceTesting | Sprint-4 Delivery: Develop the Code, Test and push it to GitHub. | T. chandru  M.vinath  A.Ajay  N.vignesh | We are Deploying the model into cloud and the test the performance of the  model. |

