

MILESTONE AND ACTIVITYLIST

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| Date | 31 October 2022 |
| Team ID | PNT2022TMID22024 |
| Project Name | A Novel Method For Handwritten Digit Recognition System |
| Maximum Marks | 2 Marks |

| SI. NO | Activity Name | Detailed Activity Description | Assigned To | Status / Comments |
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| 1 | Preparation Phase | 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 | M.Teja Babu B.Vamsi krishna K.Uday Kiran T.Sai Teja | 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 | M.Teja Babu B.Vamsi krishna K.Uday Kiran T.Sai Teja | 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 the top 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 | M.Teja Babu B.Vamsi krishna K.Uday Kiran T.Sai Teja | 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 | M.Teja Babu B.Vamsi krishna K.Uday Kiran T.Sai Teja | Prepared problem is analyzed and make effective solutions for the problem |
| 3.3 | Solution Architecture | Prepare an architecture for solution | M.Teja Babu B.Vamsi krishna K.Uday Kiran T.Sai Teja | 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 | M.Teja Babu B.Vamsi krishna K.Uday Kiran T.Sai Teja | 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 & | M.Teja Babu B.Vamsi krishna K.Uday Kiran T.Sai Teja | Customer Journey map prepared by suitable template by team members. |
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| | | experiences with the application (entry to exit) | | |
| 4.3 | Data FlowDiagrams | Prepare a Data Flow Diagram for Project | M.Teja Babu B.Vamsi krishna K.Uday Kiran T.Sai Teja | Use suitable data flow diagram rules and standards to prepare DFD |
| 4.4 | Technology Architecture | Prepare Technology Architecture of the solution | M.Teja Babu B.Vamsi krishna K.Uday Kiran T.Sai Teja | We created architecture diagram and technologies used for this project |
| 5. | Project planning phase | | | |
| 5.1 | Milestones & Tasks | Prepare Milestone & Activity List | M.Teja Babu B.Vamsi krishna K.Uday Kiran T.Sai Teja | 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 | M.Teja Babu B.Vamsi krishna K.Uday Kiran T.Sai Teja | 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. |

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| 6.1 | Coding & Solutioning | Sprint-1 Delivery: Develop the Code, Test and push it to GitHub Sprint-1 Delivery: Develop the | M.Teja Babu B.Vamsi krishna K.Uday Kiran T.Sai Teja | 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, Test and push it to GitHub. | M.Teja Babu B.Vamsi krishna K.Uday Kiran T.Sai Teja | 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. | M.Teja Babu B.Vamsi krishna K.Uday Kiran T.Sai Teja | We are Deploying the model into cloud and the test the performance of the model. |

Milestone Timeline Chart



