**Project Planning Phase**

**(Milestone And Activities List)**

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| **Project Name** | **A Novel Method for Handwritten Digit Recognition System** |
| **Team ID** | **PNT2022TMID40359** |
| **Maximum marks** | **8 marks** |

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| **S. No** | **Milestones** | **Activities** | **Timeline** |
| 1. | Empathy map | Prepared empathy map canvas to capture the user gains and pains. | 10 September 2022 |
| 2. | Literature survey | Literature survey on the handwritten digit recognition system and information gathering. | 20 September 2022 |
| 3. | Ideation Phase | Ideas are listed and top 3 ideas are prioritized based on the feasibility and importance. | 22 September 2022 |
| 4. | Proposed Solution | Proposed solution document is prepared which includes Novelty, feasibility of idea, social impact, scalability of solution, etc. | 26 September 2022 |
| 5. | Problem Solution fit | Includes customer segments and customer constraints, the problem root cause and jobs to be done. | 5 October 2022 |
| 6. | Solution architecture | From data collection to digit recognition by the web application are represented in architectural diagram. | 5 October 2022 |
| 7. | Customer Journey | Prepare Customer Journey maps to understand user interactions and experiences with the application | 10 October 2022 |
| 8. | Functional  Requirements | Functional requirements and non functional requirements alike scalability and accuracy are described. | 18 October 2022 |
| 9. | Data flow diagram and user stories | Data flow diagram and user stories are prepared and four sprint phases are described. | 18 October 2022 |
| 10. | Technology Architecture | Technical flow graphs are created and the functions of technical stacks are defined. | 19 October 2022 |