Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

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| Team ID | PNT2022TMID50751 |
| Project Name | Novel method for handwritten digit recognition system |
| Maximum Marks | 8 Marks |

**Product Backlog, Sprint Schedule, and Estimation (4 Marks)**

Use the below template to create product backlog and sprint schedule

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| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-1 | Data Collection & pre processing | USN-1 | As a user, I can upload any kind of image with the pre-processing step is involved in it. | 10 | High | Renuga, shaki, Rajeshwari |
| Sprint-2 | Prepare training and testing process | USN-2 | As a user, I can upload the image in train and testing any resolution. | 10 | High | Maga mari, Mahalakshmi |

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| Sprint-2 | Building the Machine learning model | USN-3 | As a user, I will get a application with ML model which provides high accuracy of recognized handwritten digit | 3 | Medium | Shaki, Rajeshwari |
| Sprint-2 |  | USN-4 | As a user, I can pass the handwritten digit image for recognizing the digit. | 2 | Medium | Mahalakshmi, maha mari |
| Sprint-2 |  | USN-5 | As a user, I can get the most suitable recognized digit. | 10 | High | Rajesh wari, Renuga |
| Sprint-3 | Building User Interface Application | USN-6 | As a user, I will upload the handwritten digit image to the application by clicking a upload button. | 8 | Medium | Shaki, Mahalakshmi |
| Sprint-3 |  | USN-7 | As a user, I can know the details of the fundamental usage of the application. | 2 | High | Renuga, Shaki |

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| Sprint-3 |  | USN-8 | As a user, I can see the predicted / recognized digits in the application | 10 | Medium | Pc Lalnunhlima, Saravana kumar S, Lalramdina |
| Sprint-4 | Train and deployment of model in IBM Cloud | USN-9 | As a user, I can access the web application and make the use of the product from anywhere | 20 | High | Pc Lalnunhlima, Lalramdina, Mishael K vabeizisa |