

Project Planning Phase

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

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| Date | 21October 2022 |
| Team ID | PNT2022TMID26942 |
| 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

| 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 | Kumari Narendra, Logeshwaran.K |
| Sprint-1 | | USN-2 | As a user, I can upload the image in any resolution. | 10 | High | Hariharan.K, Gunalan.E |

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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 | Hariharan.K, Logeshwaran.K |
| Sprint-2 | | USN-4 | As a user, I can pass the handwritten digit image for recognizing the digit. | 2 | Medium | Hariharan.K, Logeshwaran.K |
| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
| Sprint-2 | | USN-5 | As a user, I can get the most suitable recognized digit. | 10 | High | Logeshwaran.K, Gunalan.E |
| 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 | Kumari Narendra, Hariharan.K |
| Sprint-3 | | USN-7 | As a user, I can know the details of the fundamental usage of the application. | 2 | High | Gunalan.E, Kumari Narendra |
| Sprint-3 | | USN-8 | As a user, I can see the predicted / recognized digits in the application | 10 | Medium | Hariharan.K, Logeshwaran.K |

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| 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 | Hariharan.K, Gunalan.E, Logeshwaran.K, Kumari Narendra |
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