

Project Planning Phase

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

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|---------------|---|
| Domain | Artificial Intelligence |
| Team ID | PNT2022TMID06256 |
| 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 | Tharunraj.T |
| Sprint-1 | | USN-2 | As a user, I can upload the image in any resolution. | 10 | High | BharathiPrasad.DV |
| 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 | Thirukumaran.PK |

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|----------|--|-------|--|---|--------|-------------|
| Sprint-2 | | USN-4 | As a user, I can pass the handwritten digit image for recognizing the digit. | 2 | Medium | Prashanth.R |
|----------|--|-------|--|---|--------|-------------|

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|---------------|--|--------------------------|--|---------------------|-----------------|--------------------------------|
| Sprint-2 | | USN-5 | As a user, I can get the most suitable recognized digit. | 10 | High | Prashanth.R |
| 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 | Tharunraj.T |
| Sprint-3 | | USN-7 | As a user, I can know the details of the fundamental usage of the application. | 2 | High | BharathiPrasad.DV |
| Sprint-3 | | USN-8 | As a user, I can see the predicted / recognized digits in the application | 10 | Medium | Prashanth.R |
| 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 | Tharunraj.T Thirukumaran.PK |