

## Project Planning Phase

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

#### 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             | <i>As a user, I can upload any kind of image with the pre-processing step is involved in it.</i>                      | 10           | High     | Chinmaye<br>Lasya<br>Deepika<br>Santosh |
| Sprint-1 |                                     | USN-2             | <i>As a user, I can upload the image in any resolution.</i>   | 10           | High     | Chinmaye<br>Lasya<br>Deepika<br>Santosh |
| Sprint-2 | Building the Machine learning model | USN-3             | <i>As a user, I will get a application with ML model which provides high accuracy of recognized handwritten digit</i> | 3            | Medium   | Chinmaye<br>Lasya<br>Deepika<br>Santosh |
| Sprint-2 |                                     | USN-4             | <i>As a user, I can pass the handwritten digit image for recognizing the digit.</i>                                   | 2            | Medium   | Chinmaye<br>Lasya<br>Deepika<br>Santosh |

| <b>Sprint</b> | <b>Functional Requirement (Epic)</b>       | <b>User Story Number</b> | <b>User Story / Task</b>  | <b>Story Points</b> | <b>Priority</b> | <b>Team Members</b>                     |
|---------------|--|--------------------------|---|---------------------|-----------------|---|
| Sprint-2      |  | USN-5                    | <i>As a user, I can get the most suitable recognized digit.</i>   | 10                  | High            | Chinmaye<br>Lasya<br>Deepika<br>Santosh |
| Sprint-3      | Building User Interface Application        | USN-6                    | <i>As a user, I will upload the handwritten digit image to the application by clicking a upload button.</i> | 8                   | Medium          | Chinmaye<br>Lasya<br>Deepika<br>Santosh |
| Sprint-3      |  | USN-7                    | <i>As a user, I can know the details of the fundamental usage of the application.</i>                       | 2                   | High            | Chinmaye<br>Lasya<br>Deepika<br>Santosh |
| Sprint-3      |  | USN-8                    | <i>As a user, I can see the predicted / recognized digits in the application</i>                            | 10                  | Medium          | Chinmaye<br>Lasya<br>Deepika<br>Santosh |
| Sprint-4      | Train and deployment of model in IBM Cloud | USN-9                    | <i>As a user, I can access the web application and make the use of the product from anywhere</i>            | 20                  | High            | Chinmaye<br>Lasya<br>Deepika<br>Santosh |