**Project Planning Phase**

**Project Planning Template (Product Backlog,Sprint Planning,Stories,Story points)**

|  |  |
| --- | --- |
| Date | 06 Nov 2022 |
| Team ID | PNT2022TMID44952 |
| Project Name | Project -Real Time Communication System Powered by AI for Specially Abled |
| Maximum Marks | 8Marks |

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

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 | USN-1 | Collect Data set. | 9 | High | UMA |
| Sprint-1 | Image processing | USN-2 | Image p reprocessing | 8 | Medium | RAKESH  GOWTHAM |
| Sprint-2 | Model Building | USN-3 | Import the required libraries,add the  necessary layers and compile the model | 10 | High | UMA  RAKESH |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  | GOWTHAM  SNEKA |
| Sprint-2 | CNNMODEL | USN-4 | Training the image classification model using CNN | 7 | Medium | UMA  RAKESH  GOWTHAM |
| Sprint-3 | Training and Testing | USN-5 | Training the model and testing the model’s performance | 9 | High | UMA  SNEKA |
| Sprint-4 | Implementation of the application | USN-6 | Converting the input sign language  image sin to English alphabets | 8 | Medium | UMA  RAKESH  SNEKA |

Project Tracker,Velocity &Burn down Chart:(4Marks)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Total Story Points** | **Duration** | **Sprint Start Date** | **Sprint End Date(Planned)** | **Story Points**  **Completed(abson Planned End Date)** | **Sprint Release Date(Actual)** |
| Sprint-1 | 10 | 6Days | 24Oct2022 | 29Oct2022 | 8 | 29Oct2022 |
| Sprint-2 | 10 | 6Days | 31Oct2022 | 04Nov2022 | 5 | 04Nov2022 |
| Sprint-3 | 10 | 6Days | 07Nov2022 | 11Nov2022 | 7 | 11Nov2022 |
| Sprint-4 | 10 | 6Days | 14Nov2022 | 18Nov2022 | 5 | 18Nov2022 |

Velocity:



**AV =6/10=0.6**

**Burn down chart:**

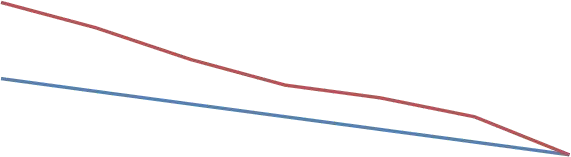
96

2150

100 96

200

50



80

0

56

40

80

64

40

0

**Chart Title**

DAY0

DAY1 DAY2 DAY3 DAY4 DAY5

DAY6

EFFORTREMAINING ACTUALEFFORT

SPRINT BURN DOWN CHART:

