**ProjectPlanningPhase**

**ProjectPlanningTemplate(ProductBacklog,SprintPlanning,Stories,Storypoints)**

|  |  |
| --- | --- |
| Date | 22October2022 |
| TeamID | PNT2022TMID51451 |
| ProjectName | ProjectRealTimeCommunicationSystem Powered byAIforSpeciallyAbled |
| MaximumMarks | 8Marks |

**ProductBacklog,SprintSchedule,andEstimation(4Marks)**

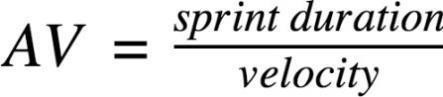
Usethebelowtemplatetocreateproductbacklogandsprintschedule

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **FunctionalR equirement( Epic)** | **UserStoryNumber** | **UserStory/Task** | **Story Points** | **Priority** | **TeamMembers** |
| **Sprint-1** | DataCollection | USN-1 | CollectDataset. | 9 | High | Santhosh R |
| **Sprint-1** |  | USN-2 | Imagepreprocessing | 8 | Medium | Santhosh R |
| **Sprint-2** | ModelBuilding | USN-3 | Import the required libraries, add  thenecessarylayersandcompilethemode l | 10 | High | Hari Hara sudhan V |
| **Sprint-2** |  | USN-4 | Trainingtheimageclassificationmodelu singCNN | 7 | Medium | Hari Hara sudhan V |
| **Sprint-3** | Trainingand Testing | USN-5 | Trainingthemodelandtestingthe model’sperformance | 9 | High | Madhavan GA |
| **Sprint-4** | Implementationoft heapplication | USN-6 | Convertingtheinputsignlanguagei magesintoEnglishalphabets | 8 | Medium | Rahul K |

**ProjectTracker,Velocity&BurndownChart:(4Marks)**

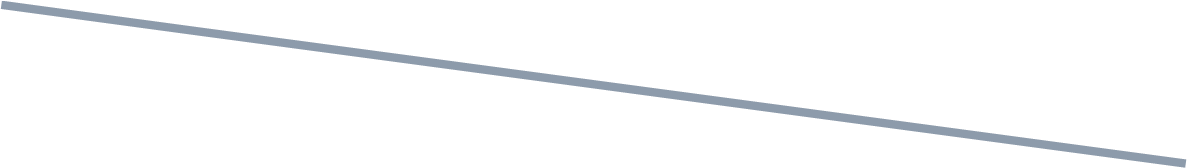
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Total**  **StoryPoint**  **s** | **Duration** | **SprintStartDate** | **SprintEndDate(Planne**  **d)** | **Story**  **PointsCompleted(a son**  **PlannedEndDate)** | **SprintReleaseDate(Actual)** |
| **Sprint-1** | 10 | 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 =7/10=0.7

**Burndownchart:**



**ChartTitle**

250

200

96

150

80

56

100

96

80

40

64

40

50

48

32

32

16

0

DAY0

DAY1

DAY2

DAY3

DAY4

DAY5

0

DAY

6

EFFORT

REMAINING

ACTUALEFFORT

**SPRINTBURNDOWNCHART:**

