ProjectPlanningPhase

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

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| --- | --- |
| Date | 10 November 2022 |
| TeamID | PNT2022TMID02387 |
| ProjectName | Project-SMARTCROPPROTECTION |
| MaximumMarks | 8Marks |

ProductBacklog,SprintSchedule,andEstimation(4Marks)

Usethebelow templatetocreateproductbacklogandsprintschedule

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **FunctionalRequirement(Epic)** | **User StoryNumber** | **User Story/Task** | **StoryPoints** | **Priority** | **TeamMembers** |
| Sprint-1 | Registration | USN-1 | As a user, I can register for theapplication by entering my email,password, and confirming mypassword. | 2 | High | Abdul majid |
| Sprint-1 | Registration | USN-2 | As a user, I will receive confirmationemail once I have registered for theapplication | 1 | High | Anas,monish,muthiah |
| Sprint-2 | CloudService | USN-3 | As a user, I can register for theapplicationthroughFacebook | 2 | Low | Monish |
| Sprint-1 |  | USN-4 | As a user, I can register for theapplicationthroughGmail | 2 | Medium | Abdul Majid |
| Sprint-3 | Login | USN-5 | As a user, I can log into theapplicationbyenteringemail&  password | 1 | Medium | Anas,monish |
| Sprint-2 | Preprocessing | USN-6 | As a farmer, the user must be able tofind the system easy to access so thePrep-processes andother taskmust | 2 | Medium | Anas,muthiah |

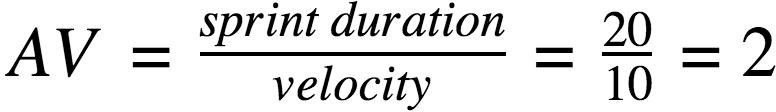
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| **Sprint** | **FunctionalRequirement(Epic)** | **User StoryNumber** | **User Story/Task** | **StoryPoints** | **Priority** | **TeamMembers** |
|  |  |  | beperfect |  |  |  |
| Sprint-4 | Integrating | USN-7 | Tointegratetheavailabledatasetandkeep  improving the accuracy of findinganimals | 3 | Medium | Anas |
| Sprint-3 |  | USN-8 | To find and use appropriate compilertorunandtestthedatasothatwecanimplementourprogram | 2 | Low | Abdul majid |
| Sprint-1 | Training | USN-9 | As programmer, we need to train ourdata  perfectlysothattheprogramrunssmoothly | 3 | High | Abdul majid |
| Sprint-2 |  | USN-10 | Toimproveperformance | 1 | Medium | Muthiah |
| Sprint-3 | Planning | USN-11 | Demonstratetheworkingandimprove  accuracyoverall | 2 | High | Abdul majid |

ProjectTracker,Velocity &BurndownChart:(4 Marks)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Total StoryPoints** | **Duration** | **SprintStartDate** | **SprintEndDate(Planned)** | **Story PointsCompleted(asonPlanned EndDate)** | **SprintReleaseDate(Actual)** |
| Sprint-1 | 20 | 6Days | 24Oct2022 | 29Oct2022 | 20 | 24Oct2022 |
| Sprint-2 | 20 | 6Days | 31Oct2022 | 05Nov 2022 | 20 | 29Oct2022 |
| Sprint-3 | 20 | 6Days | 07Nov 2022 | 12Nov 2022 | 20 | 9Nov 2022 |
| Sprint-4 | 20 | 6Days | 14Nov 2022 | 19Nov 2022 | 20 | 19Nov 2022 |

**Velocity:**

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let’s calculate the team’s average velocity (AV) periterationunit (story pointsperday)



**BurndownChart:**

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile [software development](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/) methodologies suchas[Scrum](https://www.visual-paradigm.com/scrum/scrum-in-3-minutes/). However,burn downcharts canbeapplied toanyproject containingmeasurableprogressovertime.

