**Project Planning Phase Sprint**

**Delivery plan**

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| --- | --- |
| Date | 14October2022 |
| TeamID | PNT2022TMID41868 |
| ProjectName | Smart Farmer-IOT Enabled Smart Farming Application |
| MaximumMarks | 8 Marks |

**ProductBacklog,Sprint Schedule,andEstimation(4Marks)**

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| **Sprint** | **FunctionalRequirement(Epic)** | **UserStoryNumber** | **UserStory/Task** | **StoryPoints** | **Priority** | **TeamMember** |
| **Sprint-1** | Registration(FarmerMobileUser) | UNS-1 | As a user, I can registerfor the application byentering my email,password, andconfirming my  password. | 2 | High | Sulochana A(Leader) |
| **Sprint-1** | Login | UNS-2 | As a user, I will receiveconfirmation emailonceIhaveregistered  fortheapplication | 1 | High | Swetha S(Member 1) |

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| **Sprint-2** | UserInterface | UNS-3 | As a user, I can registerfor the applicationthrough Facebook | 3 | Low | Keerthana P(Member 2) |
| **Sprint-1** | DataVisualization | UNS-4 | As auser,I can register  for the applicationthroughGMAIL | 2 | Medium | Pavithra (Member 3) |
| **Sprint-3** | Registration(Farmer -WebUser) | USN -1 | As a user, I can log intothe application byentering email and  password | 3 | High | Sulochana A(Leader) |
| **Sprint -2** | Login | USN -2 | As a registered user, Ineedtoeasilyloginloginto my registeredaccount via the webpageinminimumtime | 3 | High | Swetha S  (Member 1) |
| **Sprint -4** | WebUI | USN -3 | Asauser,Ineedtohave a friendly userinterface to easily viewandaccesstheresources | 3 | Medium | KeerthanaP  (Member 2) |
| **Sprint -1** | Registration(ChemicalManufacturer -Web user) | USN -1 | As a new user, I want tofirst register using myorganization email andcreateapasswordfor  theaccount. | 2 | High | Pavithra (Member 3) |

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| **Sprint -4** | Login | USN -2 | As a registered user, Ineed to easily log inusing the registeredaccountvia theweb  page. | 3 | High | Sulochana A(Leader) |
| **Sprint -3** | WebUI | USN -3 | As a user, I need to havea userfriendly interfacetoeasilyviewandaccesstheresources. | 3 | Medium | Swetha S(Member1) |
| **Sprint -1** | Registration(ChemicalManufacturer-  MobileUser) | USN -1 | As a user, I want to firstregister using my emailandcreateapassword  fortheaccount. | 1 | High | Keerthana P(Member 2) |
| **Sprint -1** | Login | USN -2 | Asaregistereduser,I  need to easily log in totheapplication. | 2 | Low | Pavithra (Member3) |

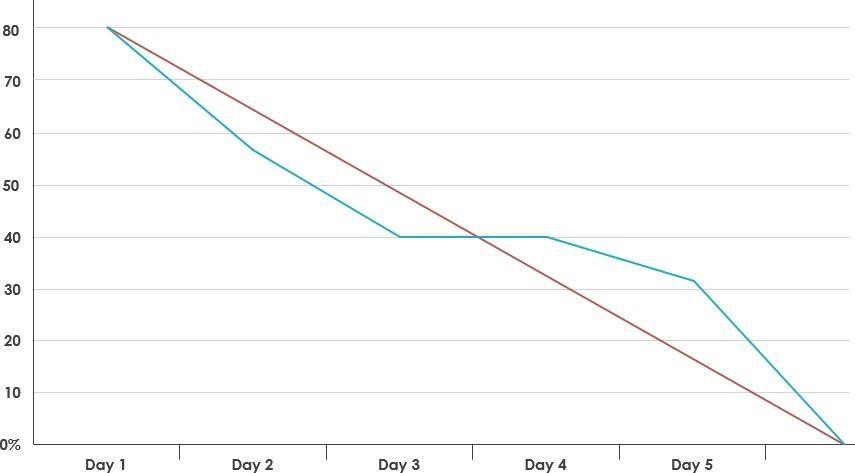
**ProjectTracker,Velocity &Burndown Chart:(4 Marks)**

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| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Total StoryPoints** | **Duration** | **Sprint StartDate** | **SprintEndDate(Planned)** | **Story PointsCompleted (ason PlannedEndDate)** | **SprintReleaseDate(Actual)** |
| Sprint-1 | 12 | 6Days | 24Oct2022 | 29Oct2022 | 20 | 29Oct2022 |
| Sprint-2 | 6 | 6Days | 31Oct2022 | 05Nov2022 | 20 | 30OCT2022 |
| Sprint-3 | 6 | 6Days | 07Nov2022 | 12Nov2022 | 20 | 6NOV 2022 |
| Sprint-4 | 6 | 6Days | 14Nov2022 | 19Nov2022 | 20 | 7NOV 2022 |

**Velocity:**

AV for sprint 1= Sprint Duration /velocity =12/6=2AV for sprint 2= Sprint Duration/Velocity=6/6=1AV for Sprint 3=Sprint Duration/Velocity=6/6=1AVforSprint4=SprintDuration/Velocity=6/6=1

**BurndownChart:**



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