**Project Planning Phase**

**Sprint Delivery Plan**

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| --- | --- |
| Date | 17 November 2022 |
| TeamID | PNT2022TMID51214 |
| ProjectName | Smart Farmer-IOT Enabled Smart Farming Application |
| MaximumMarks | 8 Marks |

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

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| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement(Epic)** | **User Story Number** | **UserStory/Task** | **StoryPoints** | **Priority** | **TeamMember** |
| **Sprint-1** | Registration (Farmer Mobile User) | UNS-1 | As a user, I can register for the application by entering my email, password, and confirming my  password. | 2 | High | G.Karthika  (Leader) |
| **Sprint-1** | Login | UNS-2 | As a user, I will receive confirmation email once I have registered  For the application | 1 | High | T.Anusha  (Member 1) |

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| **Sprint-2** | User Interface | UNS-3 | As a user, I can register for the application through Face book | 3 | Low | C.Archanadevi  (Member 2) |
| **Sprint-1** | Data Visualization | UNS-4 | As a user ,I can register  for the application through GMAIL | 2 | Medium | M.Kaviya  (Member3) |
| **Sprint-3** | Registration (Farmer –Web User) | USN -1 | As a user, I can log into the application by entering email and  password | 3 | High | G.Karthika  (Leader) |
| **Sprint -2** | Login | USN -2 | As a registered user, I need to easily login to my registered account via the web page in minimum time | 3 | High | T.Anusha  (Member 1) |
| **Sprint -4** | WebUI | USN -3 | As a user ,I need to have a friendly user interface to easily view and access the resources | 3 | Medium | C.Archanadevi  (Member2) |
| **Sprint -1** | Registration (Chemical Manufacturer -Web user) | USN -1 | As a new user, I want to first register using my organization email and create a password for  The account. | 2 | High | M.Kaviya  (Member 3) |

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| **Sprint -4** | Login | USN -2 | As a registered user, I need to easily log in using the registered account via the web  page. | 3 | High | G.Karthika (Leader) |
| **Sprint -3** | WebUI | USN -3 | As a user, I need to have a user friendly interface to easily view and access the resources. | 3 | Medium | T.Anusha  (Member 1) |
| **Sprint -1** | Registration (Chemical Manufacturer-  Mobile User) | USN -1 | As a user, I want to first register using my email and create a password  For the account. | 1 | High | C.Archanadevi  (Member 2) |
| **Sprint -1** | Login | USN -2 | As a registered user ,I  need to easily log in to the application. | 2 | Low | M.Kaviya  (Member 3) |

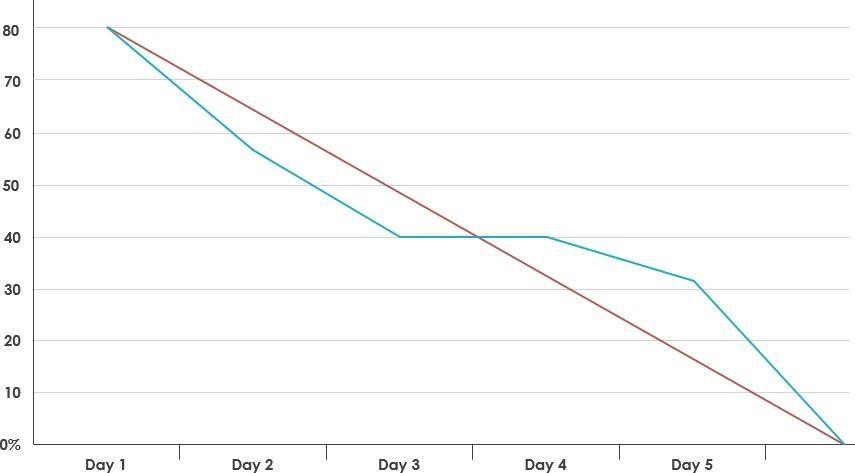
**ProjectTracker,Velocity &Burndown Chart:(4 Marks)**

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| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Total Story Points** | **Duration** | **Sprint Start Date** | **Sprint End Date(Planned)** | **Story Points Completed (as on Planned End Date)** | **Sprint Release Date(Actual)** |
| Sprint-1 | 12 | 5Days | 23Oct2022 | 28Oct2022 | 20 | 18NOV2022 |
| Sprint-2 | 6 | 5Days | 29Oct2022 | 03Nov2022 | 20 | 18NOV2022 |
| Sprint-3 | 6 | 5Days | 5Nov2022 | 10Nov2022 | 20 | 18NOV 2022 |
| Sprint-4 | 6 | 5Days | 12Nov2022 | 17Nov2022 | 20 | 18NOV 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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