**Project Planning Phase**

**Project Planning Template (Product Backlog, Sprint Planning,**

**Stories, Story points)**

|  |  |
| --- | --- |
| Date | 13 November 2022 |
| Team ID | PNT2022TMID02439 |
| Project Name | SmartFarmer- IoT Enabled Smart Farming Application |
| Maximum Marks | 8 Marks |

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Functional**  **Requirement**  **(Epic)** | **User Story**  **Number** | **User Story / Task** | **Story Points** | **Priority** | **Team**  **Members** |
| Sprint-1 | Registration | USN-1 | As a user, I can register for the application by entering my Gmail, email then you can received the OTP or Verification Code. | 2 | High | KAMESHKUMAR  KAVIYARAJ  JAVEEDAKRAM  KAVINSARAN |
| Sprint-1 |  | USN-2 | As a user, I will receive confirmation Gmail or email once I have registered for the application. | 2 | High | KAMESHKUMAR  KAVIYARAJ  JAVEEDAKRAM  KAVINSARAN |
| Sprint-2 |  | USN-3 | As a user, I can register for the application through Gmail and phone number. | 2 | High | KAMESHKUMAR  KAVIYARAJ  JAVEEDAKRAM  KAVINSARAN |
| Sprint-1 |  | USN-4 | As a user, I can register for the application through Gmail and phone number. | 2 | Medium | KAMESHKUMAR  KAVIYARAJ  JAVEEDAKRAM  KAVINSARAN |
| Sprint-1 | Login | USN-5 | As a user, I can log into the application by entering email & password | 1 | High | KAMESHKUMAR  KAVIYARAJ  JAVEEDAKRAM  KAVINSARAN |

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| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional**  **Requirement**  **(Epic)** | **User Story**  **Number** | **User Story / Task** | **Story Points** | **Priority** | **Team**  **Members** |
|  | Dashboard | USN-6 | Once confirmation message received after login the system and Check Credentials Once check the credentials after go to the Manage modules. | 2 | High | KAMESHKUMAR  KAVIYARAJ  JAVEEDAKRAM  KAVINSARAN |
|  |  | USN-7 | In this manage modules described the below functions like Manage System Admins Manage Roles of User Manage User permission and etc.. | 2 | Medium | KAMESHKUMAR  KAVIYARAJ  JAVEEDAKRAM  KAVINSARAN |
|  | Logout | USN-8 | Then check Temperature, humidity and moisture after then logout or exist the application. | 1 | Medium | KAMESHKUMAR  KAVIYARAJ  JAVEEDAKRAM  KAVINSARAN |

# Project Tracker, Velocity & Burndown Chart: (4 Marks)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Total**  **Story**  **Points** | **n** | **Date** | **Sprint End**  **Date**  **(Planned)** | **Story Points**  **Completed (as on**  **Planned End**  **Date)** | **Sprint Release Date (Actual)** |
| Sprint-1 | 20 | 6 Days | 24 Oct 2022 | 29 Nov 2022 | 20 | 29 Oct 2022 |
| Sprint-2 | 20 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 20 | 05 NOV 2022 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 20 | 12 NOV 2022 |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 20 | 19 Oct 2022 |

**Velocity:**



