Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Sprint Delivery Plan

|  |  |
| --- | --- |
| **Date** | 30 OCTOBER 2022 |
| **Team ID** | PNT2022TMID32046 |
| **Project Name** | Smart Farmer-IOT Enabled Smart Farming Application |
| **Maximum Marks** | 8 Marks |

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

Use the below template to create product backlog and sprint schedule:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-1 | Simulation creation | USN-1 | Connect Sensors Wi-fi Module with python code | 2 | High | Ravi Raagul V,  Sanjay B,  Vignesh P,  DineshKumar S |
| Sprint-2 | Software | USN-2 | Creating device in the IBM Watson IoT platform, workflow for IoT scenarios using NodeRed | 2 | High | Ravi Raagul V,  Sanjay B,  Vignesh P,  DineshKumar S |
| Sprint-3 | MIT App Inventor | USN-3 | To Develop an application for the Smart farmer project using MIT App Inventor | 2 | High | Ravi Raagul V,  Sanjay B,  Vignesh P,  DineshKumar S |
| Sprint-3 | Dashboard | USN-3 | Design the Modules and test the app | 2 | High | Ravi Raagul V,  Sanjay B,  Vignesh P,  DineshKumar S |
| Sprint-4 | Web UI | USN-4 | To make the user to interact with software. | 2 | High | Ravi Raagul V,  Sanjay B,  Vignesh P,  DineshKumar S |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sprint | Total Story Points | Duration | Sprint Start Date | Sprint End Date (Planned) | Sprint Release Date(Actual) |
| Sprint-1 | 20 | 7 Days | 30 Oct 2022 | 06 Nov 2022 | 01 Nov 2022 |
| Sprint-2 | 20 | 9 Days | 01 Nov 2022 | 09 Nov 2022 | 05Nov 2022 |
| Sprint-3 | 20 | 7 Days | 06 Nov 2022 | 13 Nov 2022 | 10 Nov 2022 |
| Sprint-4 | 20 | 5 Days | 11 Nov 2022 | 15 Nov 2022 | 12 Nov 2022 |