Project Planning Phase

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

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| DATE | 03 November 2022 |
| TEAM ID | PNT2022TMID17579 |
| PROJECT NAME | Project – Smart Farmer- IoT-based Smart Farming Application |

Product Backlog, Sprint Schedule, and Estimation

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| --- | --- | --- | --- | --- | --- | --- |
| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
| Sprint-1 | Simulation creation | USN-1 | Connect Sensors and Arduino with python code | 2 | High | Kirubakaran. V |
| Sprint-2 | Software | USN-2 | Creating devices in the IBM Watson IoT platform, workflow for IoT scenarios using node-Red | 2 | High | Deepti. S |
| Sprint-3 | MIT App Inventor | USN-3 | Develop an application for the Smart farmer project using MIT App Inventor | 2 | High | Latchya Shree. G |
| Sprint-3 | Dashboard | USN-3 | Design the Modules and test the app | 2 | High | Deepti. S |
| Sprint-4 | Web UI | USN-4 | To make the user interact with software. | 2 | High | Dharanidharan. S. V  Latchya Shree G |

Project Tracker, 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 | 20 | 7 Days | 30 Oct 2022 | 06 Nov 2022 | 20 | 29 Oct 2022 |
| SPRINT-2 | 20 | 9 Days | 31 Oct 2022 | 09 Nov 2022 |  | 05 Oct 2022 |
| SPRINT-3 | 20 | 6 Days | 06 Nov 2022 | 13 Nov 2022 |  | 12 Oct 2022 |
| SPRINT-4 | 20 | 6 Days | 11 Nov 2022 | 17 Nov 2022 |  | 15 Oct 2022 |