# Project Design Phase-II
# Project Planning template(Product Backlog, Sprint Planning, Stories, Story points)

| Date | 22 October 2022 |
|---|---|
| Team ID | PNT2022TMID49537 |
| Project Name | Project - **Smart Farmer - IOT Enabled smart farming Application** |
| Maximum Marks | 8 Marks |

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

| Sprint | Functional Requirement (Epic) | User Story Number | User story/Task | Story Points | Priority | Team Member |
|---|---|---|---|---|---|---|
| Sprint-1 | Analysing the farming | USN-1 | The researcher who wants to save valuable species farming takes necessary actions. | 2 | High | Prabhu N Krishna I Dineshkannan K Gokulnath N |
| Sprint-2 | Preventing from pesticides | USN-2 | The farmer is worried about the worst farm because it is unable to be put off. | .1 | High | Prabhu N Krishna I Dineshkannan K Gokulnath N |
| Sprint-3 | To detect the motion and water level | USN-3 | The environmentalist can collect various data from the farming to detect water level at the earliest. | 2 | High | Prabhu N Krishna I Dineshkannan K Gokulnath N |
| Sprint-4 | Can deploy various sensors and camera | USN-4 | The farmers can take necessary steps by deploying temperature and moisture detectors,Humidity level sensors and cameras in the forest. | 2 | | Dineshkannan K Gokulnath N |
| Sprint-5 | Notification | USN-5 | The sensors can be detected by the model and can be notified using SMS or an alarming system. | .1 | High | Prabhu N Krishna I |

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

| 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 | 6 Days | 24 Oct 2022 | 29 Oct 2022 | 20 | 29 Oct 2022 |
| Sprint-2 | 20 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 20 | 31 Oct 2022 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 20 | 07 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 20 | 14 Nov 2022 |