Project Planning Phase

sprint Delivery Plan

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| Date | 12 NOVEMBER 2022 |
| Team ID | PNT2022TMID42977 |
| Project Name | SMART FARMER: IOT-Enabled Smart Farming Application |

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

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| --- | --- | --- | --- | --- | --- | --- |
| Sprint | Functional Requirement (Epic) | User Story Number | User Story /Task | Story Points | Priority | Team Member |
| Sprint-1 | Registration (Farmer Mobile User) | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my password. | 2 | High | J.Anupriya |
| Sprint-1 | Login | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 1 | High | v. Vasuki  (Member 1) |

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| Sprint-2 | User Interface | USN-3 | As a user, I can register for the application through Facebook | 3 | LOW | M.Sudali  (Memer2) |
| Sprint-3 | Registration (Farmer -Web User) | USN - 1 | As a user, I can log into the application by entering email and password | 3 | High | D.Mathava  shanmugam  (Member3) |
| Sprint - 2 | Login | USN -2 | As a registered user, I need to easily login log into my registered account via the web page in minimum time | 3 | High | J.Anupriya (Leader) |
| Sprint -4 | Web UI | USN -3 | As a user, I need to have a friendly user interface to easily view and access the resource | 3 | Medium | V.Vasuki  (Member1) |
| print - 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. Sudali  (Member2) |

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| Sprint - 3 | Web U1 | USN-3 | As a user, I need to have a user friendly interface to easily view and access the resources | 3 | Medium | D.Mathava  sanmugam(Memer3) |
| 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 | j.Anupriya(Leader) |
| Sprint -1 | Login | USN - 2 | As a registered user, I need to easily log in to the application | 2 | Low | V.Vasuki(Member 1) |

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 | 12 | 6Days | 24oct 2022 | 29 oct 2022 | 20 | 29 oct 2022 |
| Sprint-2 | 6 | 6Days | 31 Nov 2022 | 05 Nov 2022 | 20 | 30 cot 2022 |
| Sprint-3 | 6 | 6Days | 07 Nov2022 | 12 Nov2022 | 20 | 6 Nov 2022 |
| Sprint-4 | 6 | 6Days | 14Nov2022 | 19 Nov 2022 | 20 | 7 Nov 2022 |

**Velocity:**

AV for sprint 1= Sprint Duration /velocity =12/6=2

AV for sprint 2= Sprint Duration/Velocity=6/6=1

AV for Sprint 3=Sprint Duration/Velocity=6/6=1

AV for Sprint 4=Sprint Duration/Velocity=6/6=1