**Project Planning Phase**

PNT2022TMID41769

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

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| --- | --- |
| Date | 27October 2022 |
| Team ID | PNT2022TMID49492 |
| Project Name | Emerging Methods For Early Detection of Forest Fires. |
| 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 | Registration | USN-1 | As a User, I can register for the application by entering my  email, password, and confirming my password. | 2 | High | M.Maryamritha |
| Sprint-1 | User Confirmation | USN-2 | As a User, I will receive confirmation email once I have registered for the  application | 1 | Medium | S.Jenifer |
| Sprint-1 | Login | USN-3 | As a User, I can log into the application by entering email & password | 2 | High | M.Deepalakshmi |
| Sprint-2 | Interface Sensor | USN-1 | A sensor interface is a bridge between a device and any attached sensor. The interface takes data collected by the  sensor and outputs it to the | 2 | High | L.Keerthanapriya |

veeramani,vijay subash,sridhar

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| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | attached device. |  |  |  |
| Sprint-3 | Coding  (Accessing datasets) | USN-1 | Coding is a set of instructions used to manipulate information so that a certain input results in a particular output. | 2 | High | M.Mary  amritha  S.Jenifer  M.Deepalakshmi  L.Keerthanapriya |
| Sprint-4 | Web Application | USN-1 | As a U s e r , I will show the current Information of the Forest. | 1 | Medium | M.Mary  amritha  S.Jenifer  M.Deepa  lakshmi  Keerthanapriya.L |

**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 | 4 Days | 24 Oct 2022 | 27 Oct 2022 | 20 | 29 Oct 2022 |
| Sprint-2 | 20 | 5 Days | 28 Oct 2022 | 01 Nov 2022 | 20 | 04 Nov 2022 |
| Sprint-3 | 20 | 8 Days | 02 Nov 2022 | 09 Nov 2022 | 20 | 11 Nov 2022 |
| Sprint-4 | 20 | 9 Days | 10 Nov 2022 | 18 Nov 2022 | 20 | 19 Nov 2022 |
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