Project Planning Phase

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

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| --- | --- |
| Date | 18 October 2022 |
| Team ID | PNT2022TMID42321 |
| 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 | AKASH J  HARSHAVARDHAN J PARTHASARATHY B  VINOTH R |
|  |  |  |  |  |  | VAISHNAVI T |
| Sprint-1 |  | USN-2 | As a user, I will receive confirmation email  once I have registered for the application | 1 | High | AKASH J  HARSHAVARDHAN J PARTHASARATHY B |
|  |  |  |  |  | VINOTH R |
|  |  |  |  |  | VAISHNAVI T |
| Sprint-2 | Input | USN-3 | As the input dataset is given whenever the fire detected the information is given to the database | 2 | High | AKASH J  HARSHAVARDHAN J PARTHASARATHY B VINOTH R VAISHNAVI T |
| Sprint-2 |  | USN-4 | The alarm system is activated when the fire is detected using the system. | 2 | Medium | AKASH J  HARSHAVARDHAN J PARTHASARATHY B |
|  |  |  |  |  | VINOTH R |
|  |  |  |  |  | VAISHNAVI T |

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| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-3 | Login | USN-5 | As a user, I can log into the application by  entering email & password | 2 | High | AKASH J  HARSHAVARDHAN J PARTHASARATHY B VINOTH R  VAISHNAVI T |
| Sprint-3 | Dashboard | USN-6 | The final dashboard is made accessible to the user. | 2 | Medium | AKASH J  HARSHAVARDHAN J PARTHASARATHY B VINOTH R VAISHNAVI T |
| Sprint-4 | Output | USN-7 | The alarm system make it possible that the message is sent to the corresponding user. The required actions will be taken. | 2 | High | AKASH J HARSHAVARDHAN J  PARTHASARATHY B VINOTH R VAISHNAVI T |

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 | 05 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 20 | 12 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 20 | 19 Nov 2022 |