**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 15 April 2025 |
| Team ID | SWTID1743610409 |
| Project Name | Tune Trails |
| Maximum Marks | 5 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 | **User Registration** | USN-1 | As a user, I can register for Tune Trails by entering my email, password, and confirming my password. | 2 | High | Pari Agarwal |
| Sprint-1 | **User Registration** | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 1 | High | Ojaswini Pradhan |
| Sprint-2 | **Social Auth Integration** | USN-3 | As a user, I can register/login using my Facebook account. | 2 | Low | Sakshi Chandra |
| Sprint-2 | **User Login** | USN-4 | As a user, I can register/login using my Gmail account. | 1 | Medium | Priyanshi Katiyar |
| Sprint-2 | **Dashboard** | USN-5 | As a user, I can log into Tune Trails using my email and password. | 3 | High | Pari Agarwal |
| Sprint-2 | **Music Playback** | USN-6 | As a user, I can see a personalized dashboard with recommended playlists. | 3 | Hgh | Ojaswini Pradhan |
| Sprint-3 | **Playlist Management** | USN-7 | As a user, I can play/pause/skip songs from the dashboard. | 2 | Medium | Priyanshi Katiyar |
| Sprint-3 | **Search Functionality** | USN-8 | As a user, I can create and edit my playlists. | 2 | High | Sakshi Chandra |

**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 | 8 | | 6 Days | | 24 march 2025 | 29 march 2025 | 20 | 15 april 2025 |
| Sprint-2 | 8 | | 6 Days | | 3 april 2025 | 05 april 2025 |  |  |
| Sprint-3 | 4 | | 6 Days | | 07 april 2025 | 12 april 2025 |  |  |
|  | |  | |  |  |  |  |  |

**Velocity:**

* **Sprint Duration:** 6 days
* **Team Velocity (Sprint-1):** 8 story points
* **Average Velocity/Day:** 8/6 = **1.33 story points/day**

**Burndown Chart:**

A graphical representation of remaining work vs. time. Tools like **Jira** or **Visual Paradigm** can generate this. Example:

* **X-axis:** Days of the sprint (1–6).
* **Y-axis:** Remaining story points (starting at 8, ending at 0).

[**https://www.visual-paradigm.com/scrum/scrum-burndown-chart/**](https://www.visual-paradigm.com/scrum/scrum-burndown-chart/)

[**https://www.atlassian.com/agile/tutorials/burndown-charts**](https://www.atlassian.com/agile/tutorials/burndown-charts)

**Reference:**

[**https://www.atlassian.com/agile/project-management**](https://www.atlassian.com/agile/project-management)

[**https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software**](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software)

[**https://www.atlassian.com/agile/tutorials/epics**](https://www.atlassian.com/agile/tutorials/epics)

[**https://www.atlassian.com/agile/tutorials/sprints**](https://www.atlassian.com/agile/tutorials/sprints)

[**https://www.atlassian.com/agile/project-management/estimation**](https://www.atlassian.com/agile/project-management/estimation)

[**https://www.atlassian.com/agile/tutorials/burndown-charts**](https://www.atlassian.com/agile/tutorials/burndown-charts)