**Project Planning Phase**

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

| Date | 9 march 2025 |
| --- | --- |
| Team ID | SWT1D1741164806148446 |
| Project Name | InsightStream |
| Maximum Marks | 5 Marks |

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

| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint-1** | **News Categories** | USN-1 | As a user, I can read the news based on the category. | 13 | High | Tousif |
| **Sprint-2** | **News search** | USN-2 | As a user, I can search for news by keywords or topics. | 8 | High | Tousif |
| **Sprint-3** | **Default News** | USN-3 | As a user, I can see trending news on the default page. | 13 | High | Tousif |
| **Sprint-4** | **News Browsing** | USN-4 | As a user, I can subscribe to a newsletter for updates. | 8 | High | Tousif |

**Notes on Story Points and Adjustments:**

* **Story points are estimated using the Fibonacci sequence (1, 2, 3, 5, 8, 13, 20) to reflect complexity and effort.**
* **USN-1 (13 points): Category browsing involves routing (react-router-dom), API calls, and UI rendering—moderately complex.**
* **USN-2 (8 points): Search requires form handling and result display—less complex than categories.**
* **USN-3 (13 points): Default news setup includes initial API fetch and grid layout—similar effort to categories.**
* **USN-4 (5 points): Linking to full articles is a simpler task, leveraging existing NewsCard links.**

**Project Tracker, Velocity & Burndown Chart**

| **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** | 201 | 3 Days | 7 Mar 2025 | 9 Mar 2025 | 21 | 9 Mar 2025 |
| **Sprint-2** | 20 | 3 Days | 7 Mar 2025 | 9 Mar 2025 | 13 | 9 Mar 2025 |
| **Sprint-3** | 20 | 3 Days | 7 Mar 2025 | 9 Mar 2025 | 5 | 9 Mar 2025 |
| **Sprint-4** | 20 | 3 Days | 7 Mar 2025 | 9 Apr 2025 | 8 | 9 Apr 2025 |