**Project Planning Phase**

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

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| --- | --- |
| Date | 7 March 2025 |
| Team ID | SWTID1741172514157264 |
| Project Name | NewsApp:  Nk LIVE NEWS |
| 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 | UI Setup | USN-1 | Set up React.js project structure with necessary dependencies | 7 | High | BARNABA ABISHEK L |
| Sprint-1 | Home Page & Navigation | USN-2 | Create a homepage where users can browse news categories | 7 | High | MAHABUF SHERIFF H |
| Sprint-1 | API Integration | USN-3 | Fetch news data from NewsAPI & display categories | 6 | High | GOWTHAM KUMAR M |
| Sprint-2 | News Listing | USN-4 | List news articles dynamically based on category selection | 7 | High | PRIYADHARSHINI P |
| Sprint-2 | News Details Page | USN-5 | Create a detailed page for each selected news article | 7 | High | BARNABA ABISHEK L |
| Sprint-2 | Filtering Feature | USN-6 | Enable filtering of news articles based on search keywords | 6 | High | MAHABUF SHERIFF H |
| Sprint-3 | UI Enhancement | USN-7 | Improve UI/UX with React Icons and better styling | 7 | Medium | GOWTHAM KUMAR M |
| Sprint-3 | Error Handling | USN-8 | Implement error handling for failed API requests | 7 | Medium | PRIYADHARSHINI P |
| Sprint-4 | Search Feature | USN-9 | Allow users to search news articles by keyword | 10 | High | BARNABA ABISHEK L |
| Sprint-4 | Responsive Design | USN-10 | Ensure responsiveness for mobile & tablet views | 7 | Medium | MAHABUF SHERIFF H |

## 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 | 6 Days | 1 Mar 2025 | 2 Mar 2025 | 20 | 2 Mar 2025 |
| Sprint-2 | 20 | 6 Days | 3 Mar 2025 | 4 Mar 2025 | 20 | 4 Mar 2025 |
| Sprint-3 | 20 | 6 Days | 5 Mar 2025 | 6 Mar 2025 | 20 | 6 Mar 2025 |
| Sprint-4 | 20 | 6 Days | 7 Mar 2025 | 8 Apr 2025 | 20 | 8 Apr 2025 |