**Initial Project Planning Template**

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| Date | 25 Jan 2025 |
| Team ID | 740678 |
| Project Name | Amazon kindle Store Reviews Analysis |
| Maximum Marks | 4 Marks |

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

Use the below template to create a product backlog and sprint schedule

| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** | **Sprint Start Date** | **Sprint End Date (Planned)** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | Data Collection and Preprocessing | USN-1 | As a user, I collect Kindle book reviews from Amazon and clean the data for further analysis | 2 | High | Zainab  Mamatha | 2025/01/15 | 2025/01/22 |
| Sprint-2 | Feature Extraction | USN-2 | As a user, I apply NLP techniques to extract sentiment and major themes from review text. | 2 | High | Sai rakshitha | 2025/01/22 | 2025/01/29 |
| Sprint-3 | Model Evaluation | USN-3 | As a user, I will visualize sentiment trends, key themes, and reader feedback over time for easy interpretation | 1 | Medium | Ram Manoj | 2025/01/22 | 2025/01/29 |
| Sprint-4 | Experimental Design | USN-4 | As a user, I validate sentiment analysis and theme extraction performance using labeled data and human feedback. | 2 | Low | Mamatha  Zainab | 2025/01/29 | 2025/02/07 |
| Sprint-5 | Model Training and Testing | USN-5 | As a user, I design a report/dashboard to present insights to Kindle publishers and authorsAs a user, I design a report/dashboard to present insights to Kindle publishers and authors. | 2 | High | Sai Rakshitha  Ram Manoj | 2025/02/07 | 2025/02/15 |
| Sprint-6 | Iterative improvements and final Evaluation | USN-6 | As a user, I will iteratively refine the analysis techniques and ensure the solution works well across genres, categories, and review volumes. | 1 | Medium | Zainab  Sai Rakshitha | 2025/02/15 | 2025/02/20 |