**Project Planning Phase**

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

| Date | 10 March 2025 |
| --- | --- |
| Team ID | SWTID1741258148149965 |
| Project Name | Cryptoverse: A Cryptocurrency Dashboard |
| Maximum Marks | 5 Marks |

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

Use the below template to create product backlog and sprint schedule

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ID | Feature | Priority | Sprint | |  |  |  | | --- | --- | --- | | |  | | --- | | Tasks Covered |  |  | | --- | |  | |  |  | | --- | |  | |
| |  | | --- | | PB-01 |  |  | | --- | |  | | |  | | --- | | Set up project structure |  |  | | --- | |  | | High | |  | | --- | | Sprint 1 |  |  | | --- | |  | | Project setup, environment configuration, and repository setup |
| |  | | --- | | PB-02 |  |  | | --- | |  | | |  | | --- | | Design home page UI |  |  | | --- | |  | | High | |  | | --- | | Sprint 2 |  |  | | --- | |  | | Design home page UI and integrate Coin Ranking API |
| |  | | --- | | PB-03 |  |  | | --- | |  | | |  | | --- | | Integrate Coin Ranking API |  |  | | --- | |  | | High | |  | | --- | | Sprint 3 |  |  | | --- | |  | | Fetch and display top 10 cryptocurrencies |
| |  | | --- | | PB-04 |  |  | | --- | |  | | |  | | --- | | Display top 10 cryptocurrencies |  |  | | --- | |  | | High | |  | | --- | | Sprint 4 |  |  | | --- | |  | | |  | | --- | | Implement search functionality for cryptocurrencies |  |  | | --- | |  | |
| |  | | --- | | PB-05 |  |  | | --- | |  | | |  | | --- | | Implement search functionality |  |  | | --- | |  | | High | |  | | --- | | Sprint 5 |  |  | | --- | |  | | Display price chart for selected cryptocurrency |
| |  | | --- | | PB-06 |  |  | | --- | |  | | |  | | --- | | Display price chart for selected coin |  |  | | --- | |  | | High | |  | | --- | | Sprint 6 |  |  | | --- | |  | | UI improvements, responsiveness, and error handling |
| |  | | --- | | PB-07 |  |  | | --- | |  | | |  | | --- | | Implement error handling for API failures |  |  | | --- | |  | | Medium | |  | | --- | | Sprint 7 |  |  | | --- | |  | | Authentication (if needed), Deployment on AWS/Firebase |

**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 | 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 |