Project Planning Phase

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| --- | --- |
| Date | 26-10-23 |
| Team ID | 592263 |
| Project Name | Smart Lender |

Product Backlog, Sprint Schedule, and Estimation

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| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional**  **Requirement** | **User Story**  **Number** | **User Story / Task** | **Story Points** | **Priority** | **Team**  **Members** |
| Sprint 1 | User Authentication | 1 | Allow users to create accounts and log in securely. | 5 | High Priority | Sanjay |
| Sprint 1 | Dashboard Design | 2 | Create an intuitive and user-friendly dashboard for lenders to view key metrics and applicant data. | 8 | High Priority | Abdul |
| Sprint 1 | Data Collection Forms | 1 | Develop forms for applicants to input their financial information, including income, expenses, and other relevant data. | 10 | High Priority | Sarath |
| Sprint 2 | Credit Score Integration | 1 | Integrate a credit scoring system to provide an initial assessment of applicant credibility. | 6 | High Priority | Tanmay |
| Sprint 2 | AI Model Integration | 2 | Implement machine learning models for credibility prediction based on applicant data. | 8 | Medium Priority | Abdul |
| Sprint 2 | Alternative Data Sources | 2 | Integrate alternative data sources (e.g., social media activity, online presence) for a more comprehensive assessment. | 10 | Medium Priority | Sanjay |
| Sprint 3 | Document Verification | 1 | Develop a feature to automatically verify applicant-provided documents, reducing manual review time. | 7 | Medium Priority | Sarath |
| Sprint 3 | Real-time Financial Monitoring | 2 | Implement a system to continuously monitor the financial health of applicants for dynamic credibility updates. | 9 | Medium Priority | Tanmay |
| Sprint 3 | Compliance Checks | 2 | Include checks to ensure regulatory compliance with industry standards and legal requirements. | 6 | Moderate Priority | Sanjay |
| Sprint 4 | External API Integration | 2 | Integrate external APIs for services like weather data and identity verification to enhance credibility assessment. | 8 | Moderate Priority | Abdul |
| Sprint 4 | Security Measures | 1 | Implement robust security measures to protect sensitive applicant data and ensure privacy | 7 | Moderate Priority | Sarath |
| Sprint 4 | Transparent Decision-making | 2 | Develop an Explainable AI module to provide clear insights into the factors influencing credibility assessments. | 6 | Moderate Priority | Tanmay |
| Sprint 5 | User Support and Education | 2 | Provide resources and support to guide users through the application process and understanding of credibility assessments. | 6 | Low Priority | Sanjay |
| Sprint 5 | Feedback and Reporting | 1 | Implement features for users to provide feedback on the application process and report any issues. | 4 | Low Priority | Abdul |
| Sprint 5 | Localization and Customization | 2 | Allow for customization of the application to suit the specific needs of different lending institutions or regions. | 8 | Low Priority | Sarath |
| Sprint 6 | Performance Optimization | 1 | Continuously work on optimizing the application for speed and efficiency, especially as the user base grows. | 7 | Low Priority | Tanmay |
| Sprint 6 | Final Testing and Bug Fixes | 1 | Comprehensive examination of a software and identifying and resolving issues or errors discovered during testing | 10 | Low Priority | Sanjay |

Project Tracker and Burndown Chart:

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| --- | --- | --- | --- | --- | --- | --- |
| Sprint | Total story point | Duration | Sprint start date | Sprint end date (planned) | Story Points  Completed (as on  Planned End Date) | Sprint Release Date  (Actual) |
| Sprint 1 | 23 | 3 | 22-10-23 | 24-10-23 | 23 | 24-10-23 |
| Sprint 2 | 24 | 4 | 25-10-23 | 28-10-23 | 24 | 28-10-23 |
| Sprint 3 | 22 | 3 | 29-10-23 | 31-10-23 | 22 | 31-10-23 |
| Sprint 4 | 21 | 3 | 1-10-23 | 3-11-23 | 21 | 3-11-23 |
| Sprint 5 | 18 | 2 | 4-11-23 | 5-11-23 | 18 | 5-11-23 |
| Sprint 6 | 17 | 1 | 6-11-23 | 7-11-23 | 17 | 7-11-23 |

Burndown Chart:

