Project Plan: New Software Feature - Data Enhancement

**Product Backlog Items with Estimated Story Points:**

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| **Backlog Item** | **Description** | **Estimated Story Points** |
| 1. | User Authentication | 5 |
| 2. | Dashboard Redesign | 3 |
| 3. | Real-time Data Updates | 8 |
| 4. | Error Handling | 2 |
| 5. | Integration with Third-Party API | 10 |

**Prioritized List of User Stories:**

1. As a user, I want to be able to log in securely so that my data is protected. (Implement user authentication using OAuth) - High Priority
2. As a user, I want to see real-time updates to my data so that I can make informed decisions. (Implement real-time data updates using WebSockets) - High Priority
3. As a user, I want to see a visually appealing dashboard that is easy to navigate. (Redesign the dashboard to improve user experience) - Medium Priority
4. As a developer, I want to be able to easily identify and fix errors so that the system is stable. (Improve error handling and logging) - Low Priority
5. As a user, I want to be able to analyze my data using third-party tools so that I can gain insights. (Integrate with third-party API for data analysis) - Medium Priority.

**Sprint Plan:**

* Sprint 1 (May 7 - May 14):
* User Authentication (5 story points)
* Dashboard Redesign (3 story points)
* Sprint 2 (May 14 - May 21):
* Real-time Data Updates (8 story points)
* Sprint 3 (May 21 - May 28):
* Error Handling (2 story points)
* Integration with Third-Party API (10 story points)

**Conclusion:**

This project plan follows a three-sprint approach, with each sprint lasting two weeks. The prioritized list of user stories guides the sprint planning process, ensuring that high-priority items are addressed first. The sprint plan allocates work items based on their estimated story points and team velocity, with adjustments made as necessary to meet project goals and deadlines.