Requirements Specification

Business Requirements

|  |  |  |
| --- | --- | --- |
| Requirement ID | Requirement Description | MOSCOW |
| BR1 | The application must provide users with a comprehensive overview of their financial health. | M |
| BR2 | The application must enable users to set and track financial goals effectively. | S |
| BR3 | The application must offer tools for analyzing spending patterns and identifying areas for cost reduction. | C |

User Requirements

|  |  |  |
| --- | --- | --- |
| Requirement ID | Requirement Description | MOSCOW |
| UR1 | Users must be able to easily input (automated and/or manual entry) and categorize income and expenses. | M |
| UR2 | Users must be able to create and customize savings goals with progress tracking. | S |
| UR3 | Users must be able to generate detailed financial reports in PDF format. | C |

Functional Requirements

|  |  |  |
| --- | --- | --- |
| Requirement ID | Requirement Description | MOSCOW |
| FR1 | The application must allow users to import transaction data from linked financial institutions. | S |
| FR2 | The application must provide budget tracking and alert features for exceeding spending limits. | M |
| FR3 | The application must offer recommendations for optimizing spending based on user data. | C |

Non-Functional Requirements

|  |  |  |
| --- | --- | --- |
| Requirement ID | Requirement Description | MOSCOW |
| NFR1 | The application must have a user-friendly interface that is intuitive and easy to navigate. | M |
| NFR2 | The application must be secure and protect user financial data from unauthorized access. | M |
| NFR3 | The application must be accessible on mobile devices (such as iOS, Andriod). | S |

Implementation Requirements

|  |  |  |
| --- | --- | --- |
| Requirement ID | Requirement Description | MOSCOW |
| IR1 | The application must be developed using a modern programming language (Python, JavaScript) with a robust framework (Django, React) for efficient development and scalability. | M |
| IR2 | The application must be optimized for performance, including database indexing, caching mechanisms, and code optimization techniques. | S |
| IR3 | The application must be compatible with major web browsers. (Chrome, Firefox, Windows, macOS) | M |
| IR4 | The application must be deployed on a scalable cloud infrastructure (AWS, Azure) to ensure high availability and easy maintenance. | S |
| IR5 | The application must adhere to coding standards and best practices (KISS, DRY, YAGNI etc.) to maintain code quality and readability. | M |