
PROJECT: EXPENSIFY

IT314 – SOFTWARE ENGINEERING

GROUP 26



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IT-314 PROJECT

Sequence Diagrams

SUBMITTED BY

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Sprint 1: User Account Management and Authentication

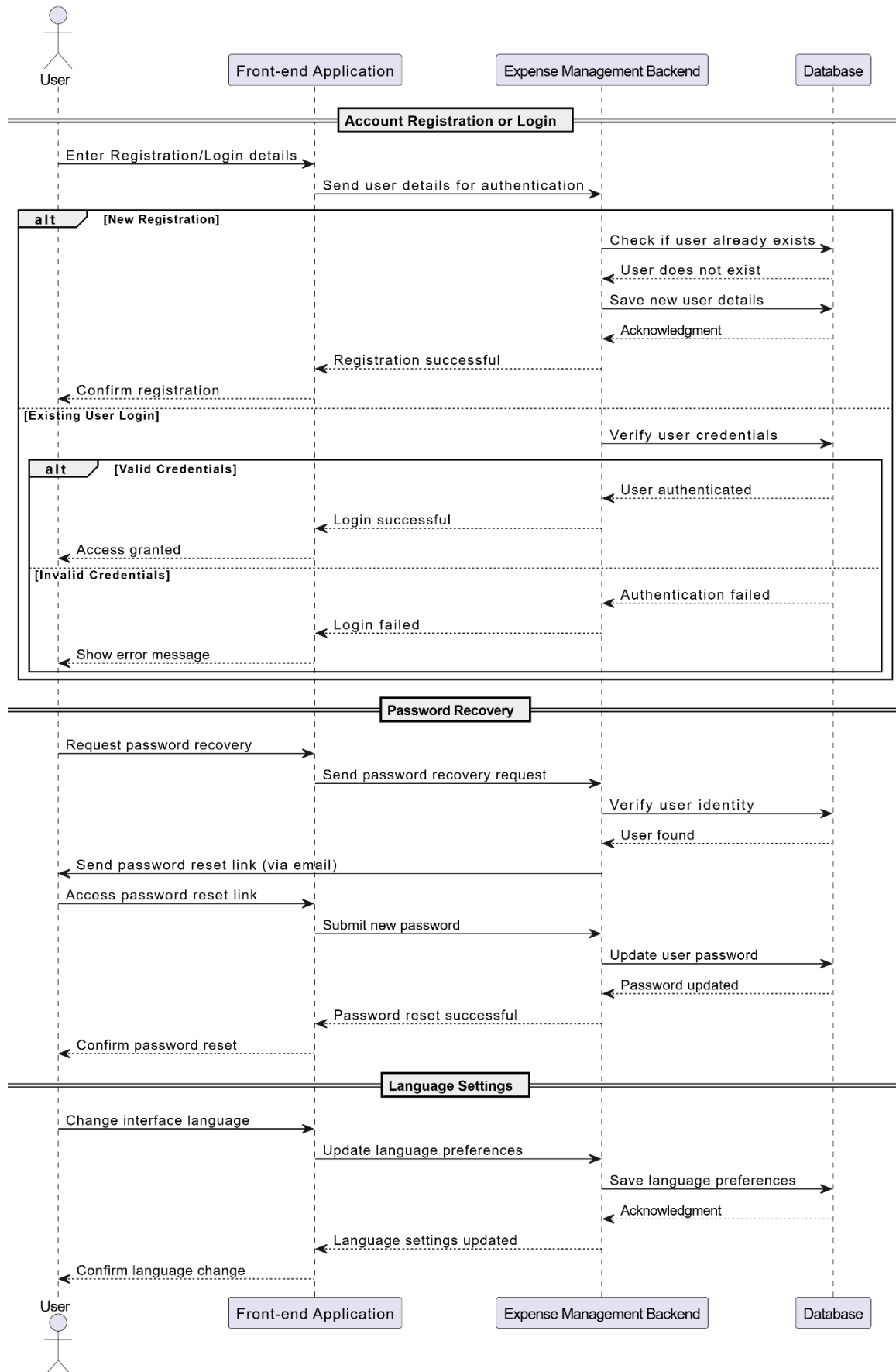
Objective: This feature aims to establish core user management functionalities, including account registration, login, password recovery, and language settings.

Sprint Details: Develop core user management features such as account registration, login, password recovery, and support for language settings. This sprint focuses on creating a robust user authentication system, ensuring that all users can access their accounts securely, and allowing them to change the interface language.

- Account Registration or Login: Users can create or log into their accounts.
- Password Recovery: Users can recover their passwords securely.
- Language Settings: Users can change the interface language.

Duration: 2 weeks

User Account Management and Authentication - Sprint 1



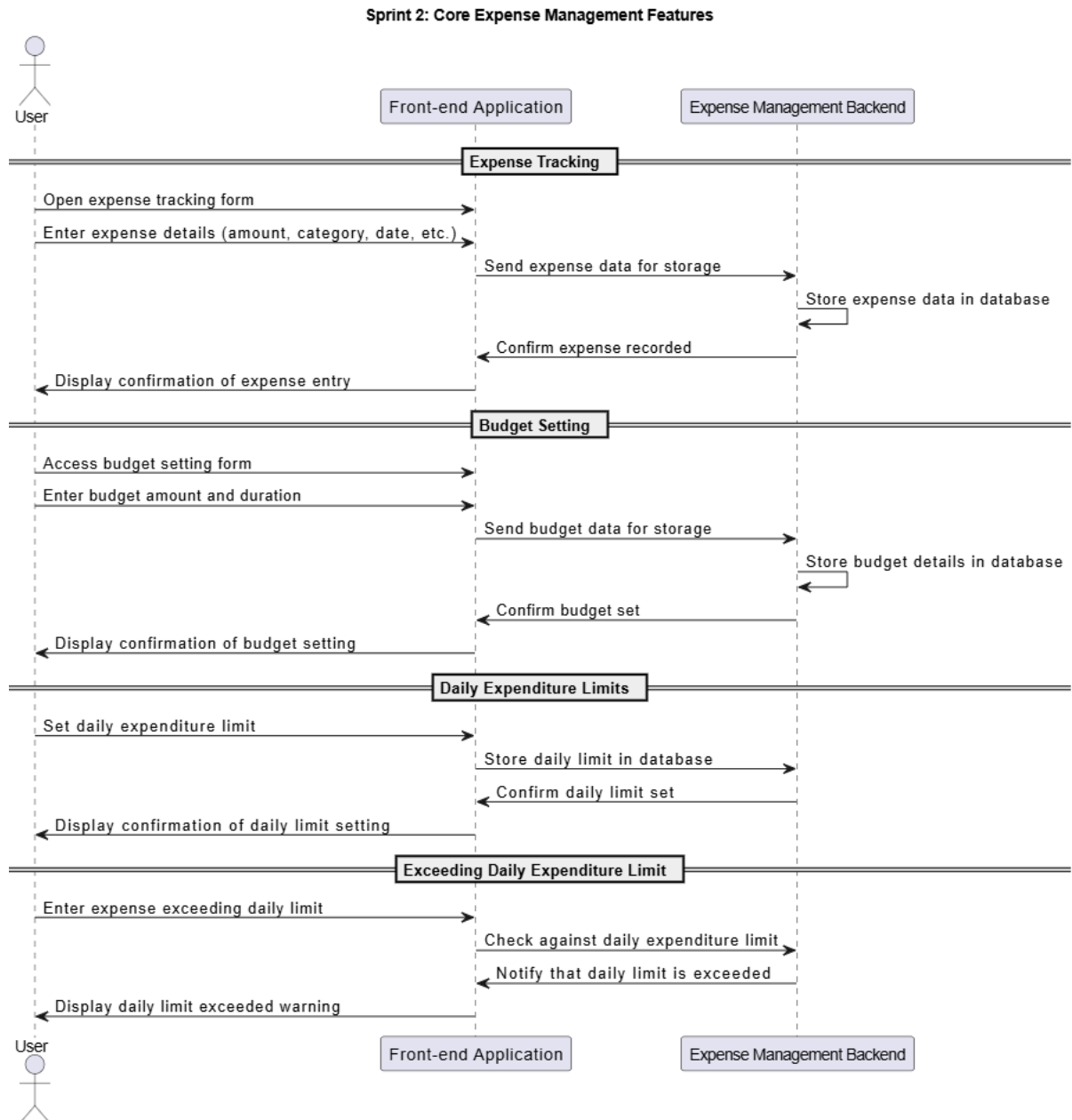
Sprint 2: Core Expense Management Features

Objective: Implement core functionalities for tracking expenses, setting budgets, and managing daily expenditure limits.

Sprint Details: Develop input forms for recording expenses, allow users to set budgets, and notify them if daily limits are exceeded.

- Expense Tracking: Users can track their expenses.
- Budget Setting: Users can set their budgets.
- Daily Expenditure Limits: Users can manage and get notified about their daily expenditure limits.

Duration: 2 weeks



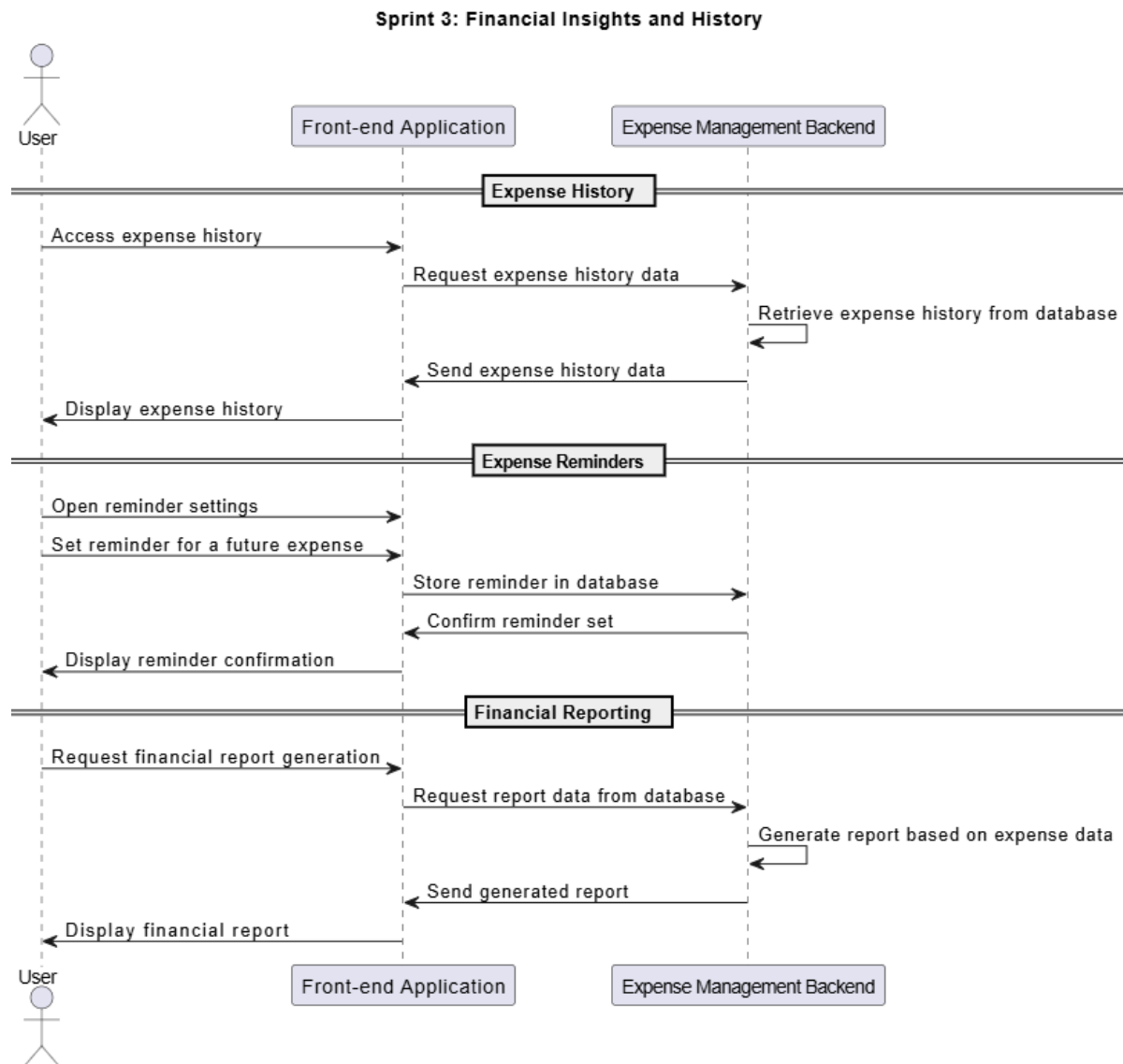
Sprint 3: Financial Insights and History

Objective: Develop features that provide users with insights into their financial activities.

Sprint Details: Includes viewing expense history, setting reminders for expenses, and generating financial reports.

- **Expense History:** Users can view their expense history.
- **Expense Reminders:** Users can set reminders for expenses.
- **Financial Reporting:** Users can generate financial reports.

Duration: 2 weeks



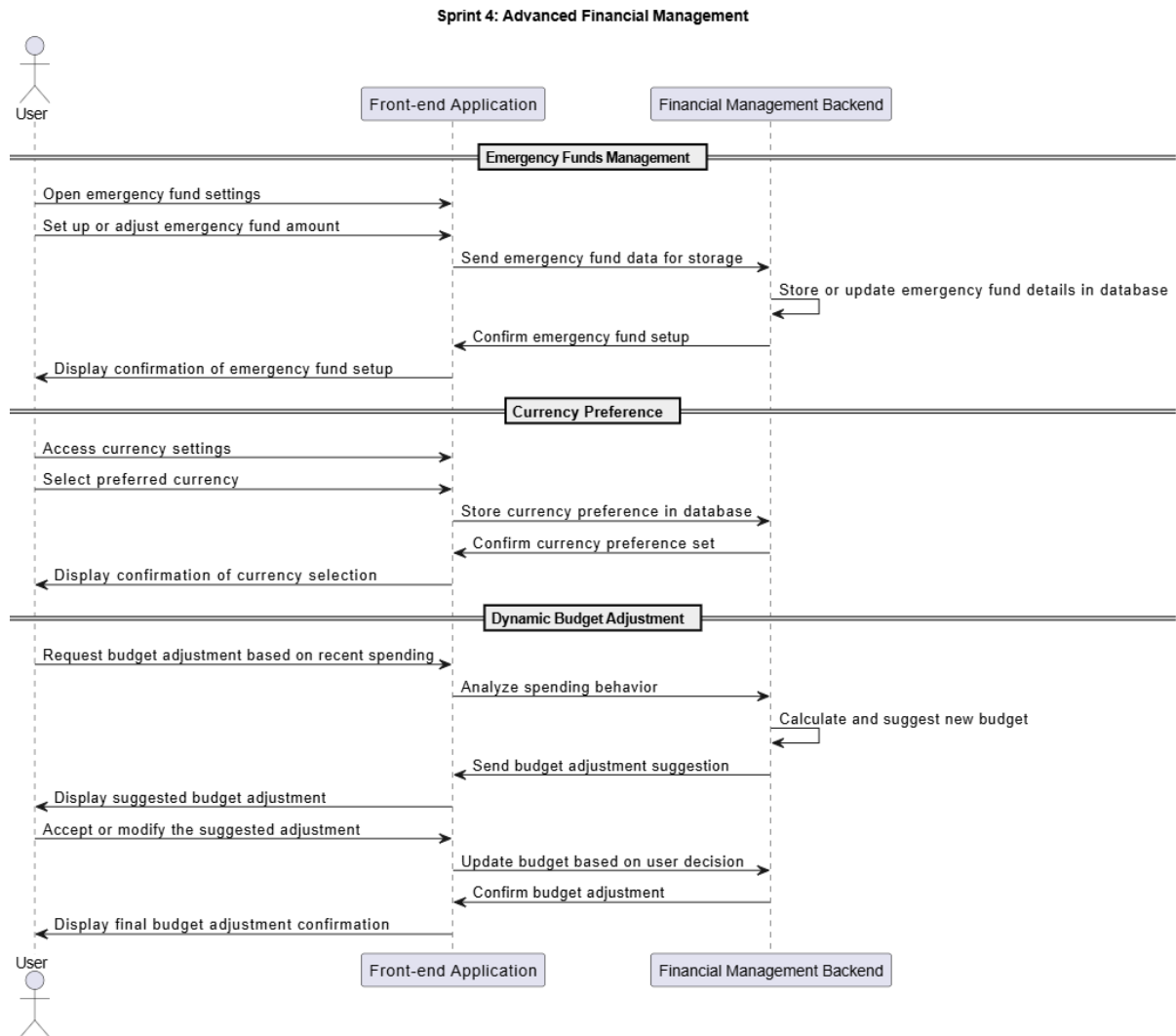
Sprint 4: Advanced Financial Management

Objective: Add advanced financial management features.

Sprint Details: Includes emergency fund setup, support for multiple currencies, and dynamic budget adjustments.

- Emergency Funds Management: Users can manage their emergency funds.
- Currency Preference: Users can set their currency preferences.
- Dynamic Budget Adjustment: Users can adjust budgets dynamically based on spending behaviour.

Duration: 2 weeks



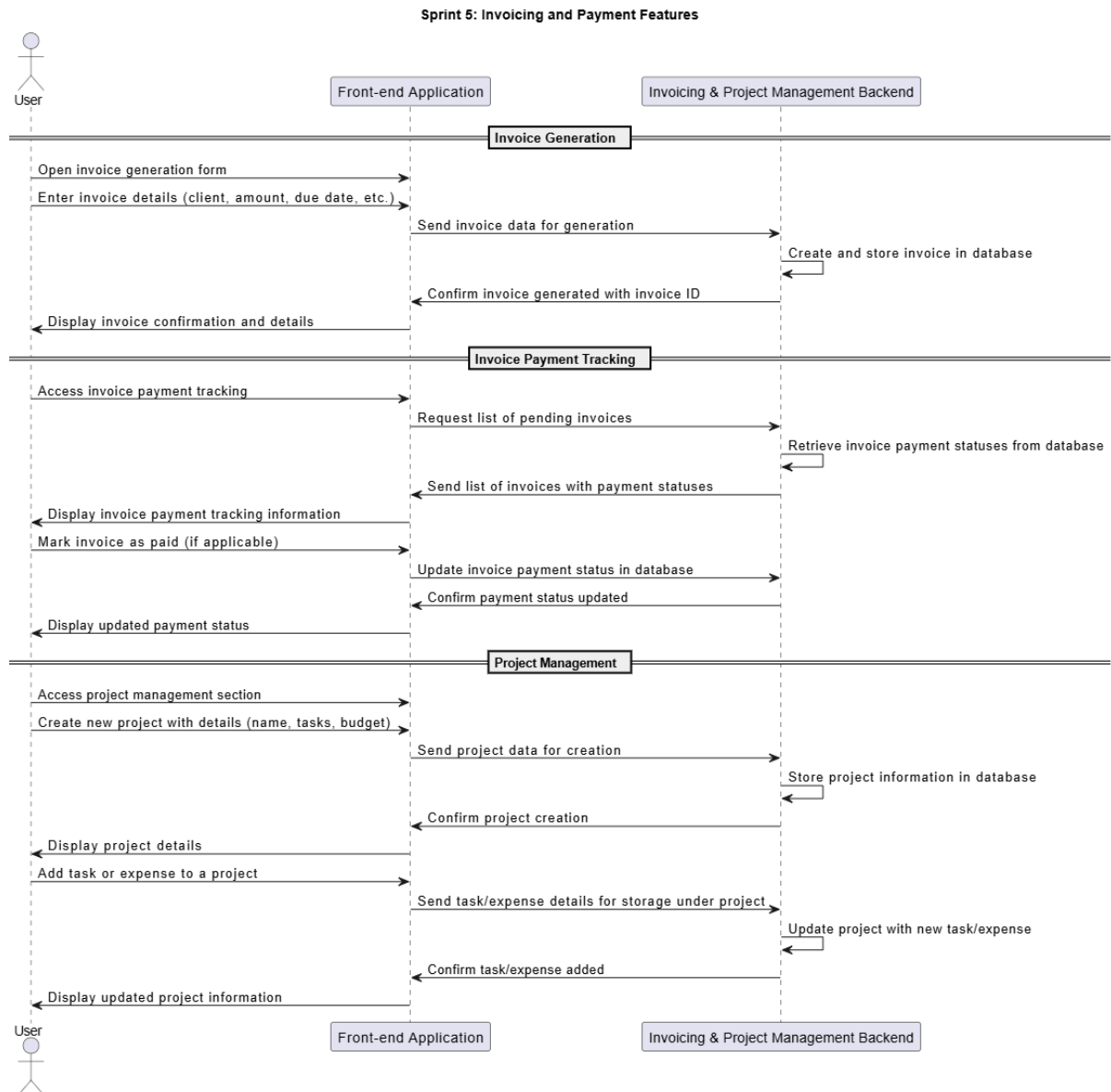
Sprint 5: Invoicing and Payment Features

Objective: Develop features related to invoice generation, tracking invoice payments, and basic project management tools.

Sprint Details: Includes invoice generation, tracking payments, and managing tasks and expenses related to specific projects.

- **Invoice Generation:** Users can generate invoices.
- **Invoice Payment Tracking:** Users can track invoice payments.
- **Project Management:** Users can manage tasks and expenses related to projects.

Duration: 2 weeks



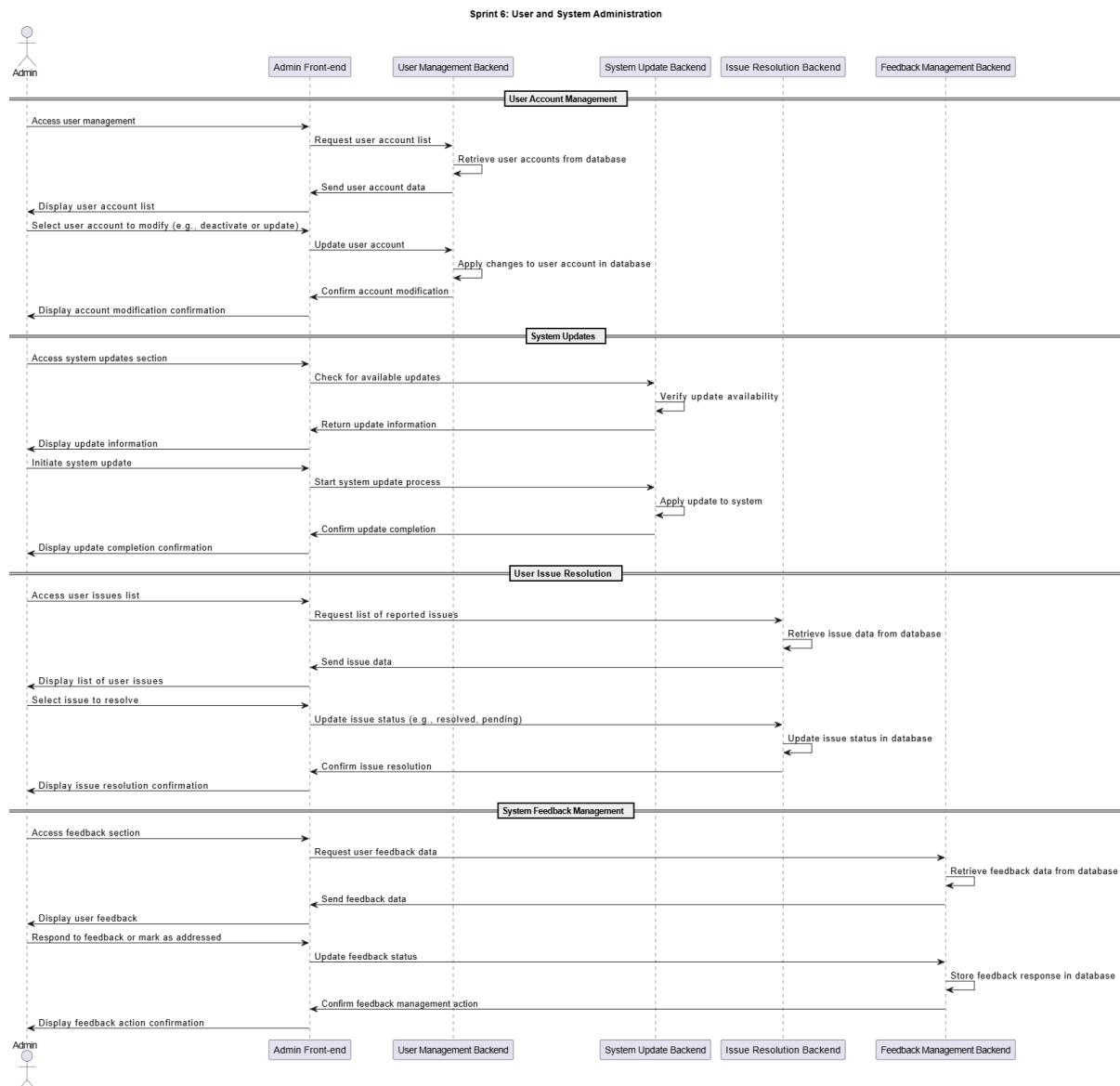
Sprint 6: User and System Administration

Objective: Focus on administration and system management tasks.

Sprint Details: Includes user account management, handling system updates, resolving user issues, and managing user feedback.

- **User Account Management:** Admins can manage user accounts.
- **System Updates:** Admins can handle system updates.
- **User Issue Resolution:** Admins can resolve user issues.
- **System Feedback Management:** Admins can manage user feedback.

Duration: 2 weeks



Sprint 7: Data Security and Enforcement

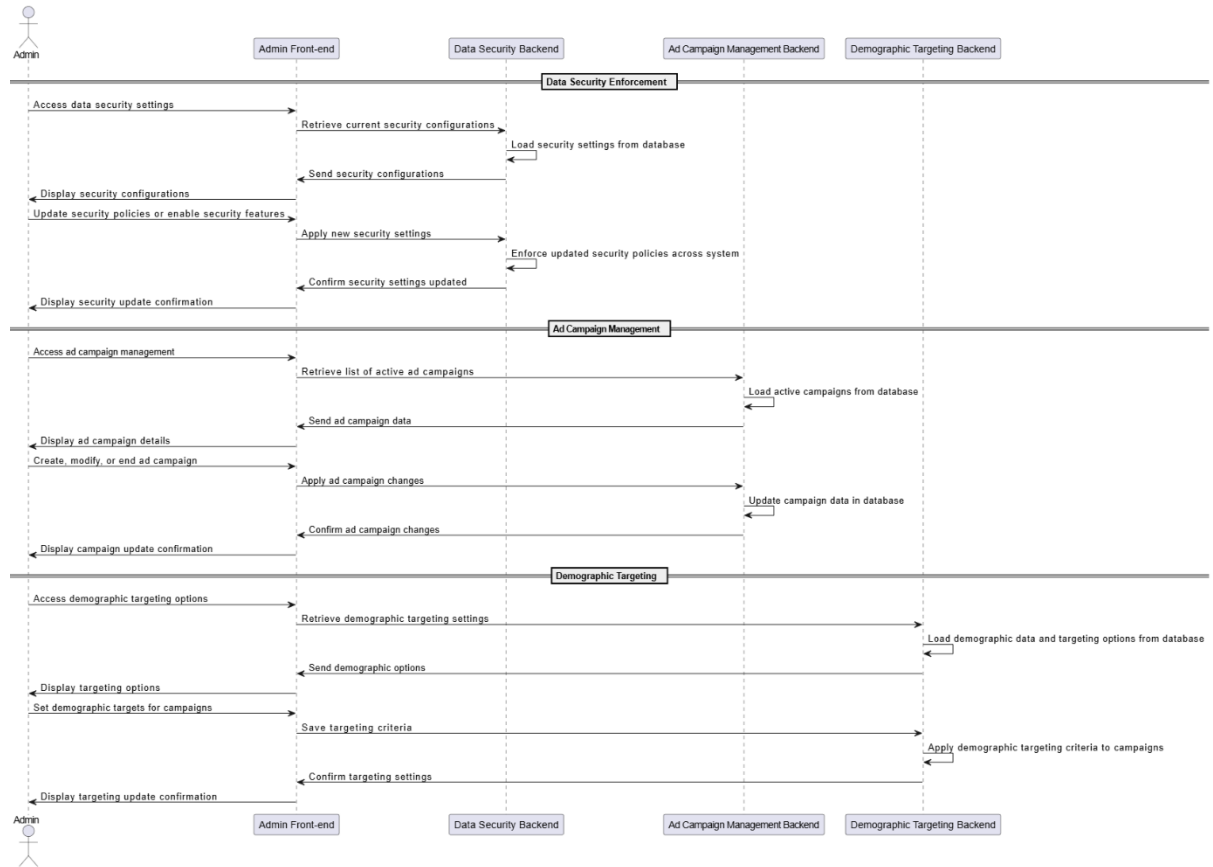
Objective: Ensure data security enforcement, manage advertisement campaigns, and develop features for demographic targeting.

Sprint Details: Focuses on data security, managing ad campaigns, and demographic targeting.

- Data Security Enforcement: Ensure data security measures are enforced.
- Ad Campaign Management: Manage advertisement campaigns.
- Demographic Targeting: Develop features for demographic targeting.

Duration: 2 weeks

Sprint 7: Data Security and Enforcement



Sprint 8: Advertisement Management and Performance

Objective: Develop features that allow users to monitor the performance of ad campaigns.

Sprint Details: Includes generating reports and analytics for ad performance.

- Ad Performance Monitoring: Users can monitor and analyze the performance of ad campaigns.

Duration: 1 week

