
PROJECT: EXPENSIFY

IT314 – SOFTWARE ENGINEERING GROUP

26

TASK : DESIGN DOCUMENTS



Priyansh 202201449 & Avi 202201452

GROUP MEMBERS:

ID	NAME
202201410	SIDDHANT KOTAK
202201419	SHAH MAAHI BIJAL
202201421	KKAVY KAPIL DAVE
202201440	MUNJAPARA DHARMIL JAYANTILAL
202201446	SONI DEVARSH SUSHANT
202201449	LATHIGARA PRIYANSH HARESHBHAI
202201452	DETROJA AVI ASHISHBHAI
202201456	MANAV TIRATH PAREKH
202201458	MAKWANA SRUSHTI NARESHKUMAR

Sprint 1 :

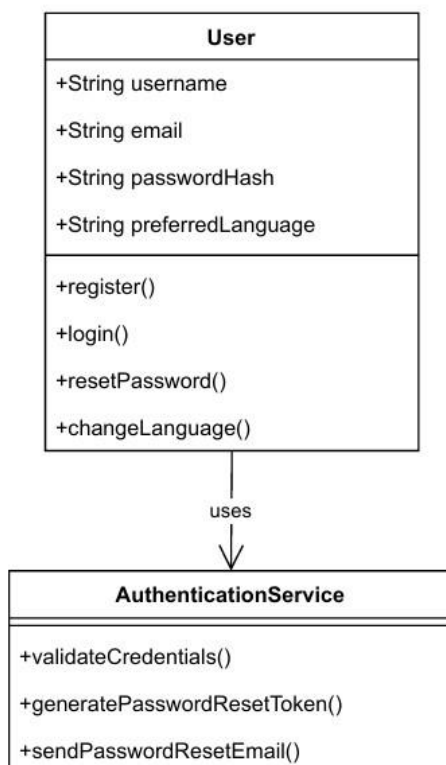
User Account Management and Authentication

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.

Class Diagram :



Core Expense Management Features

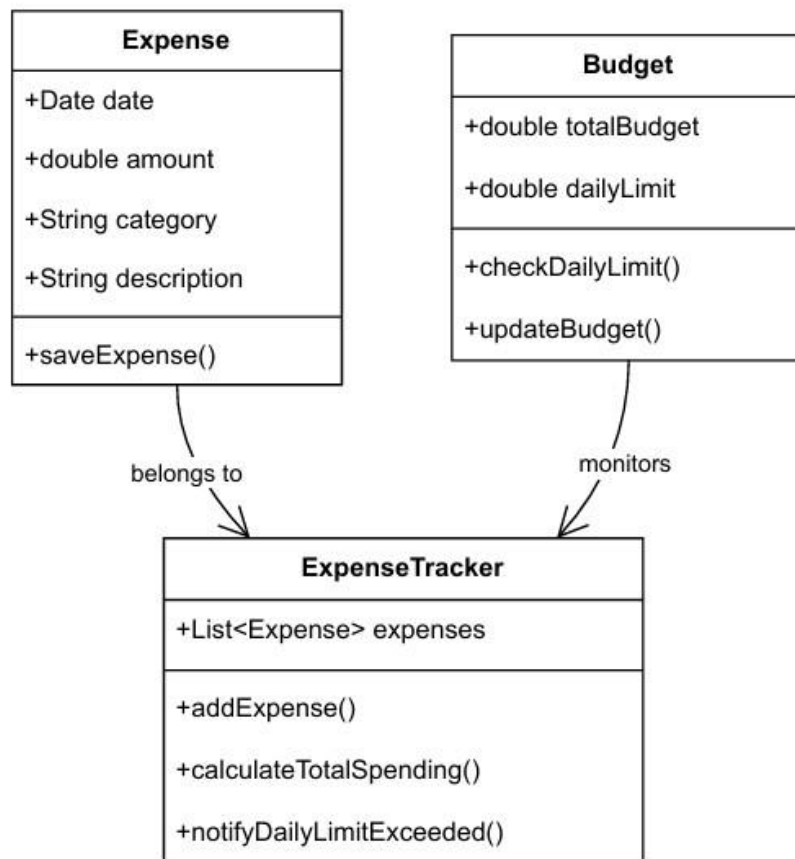
Sprint 2 :

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.

Class Diagram :



Financial Insights and History

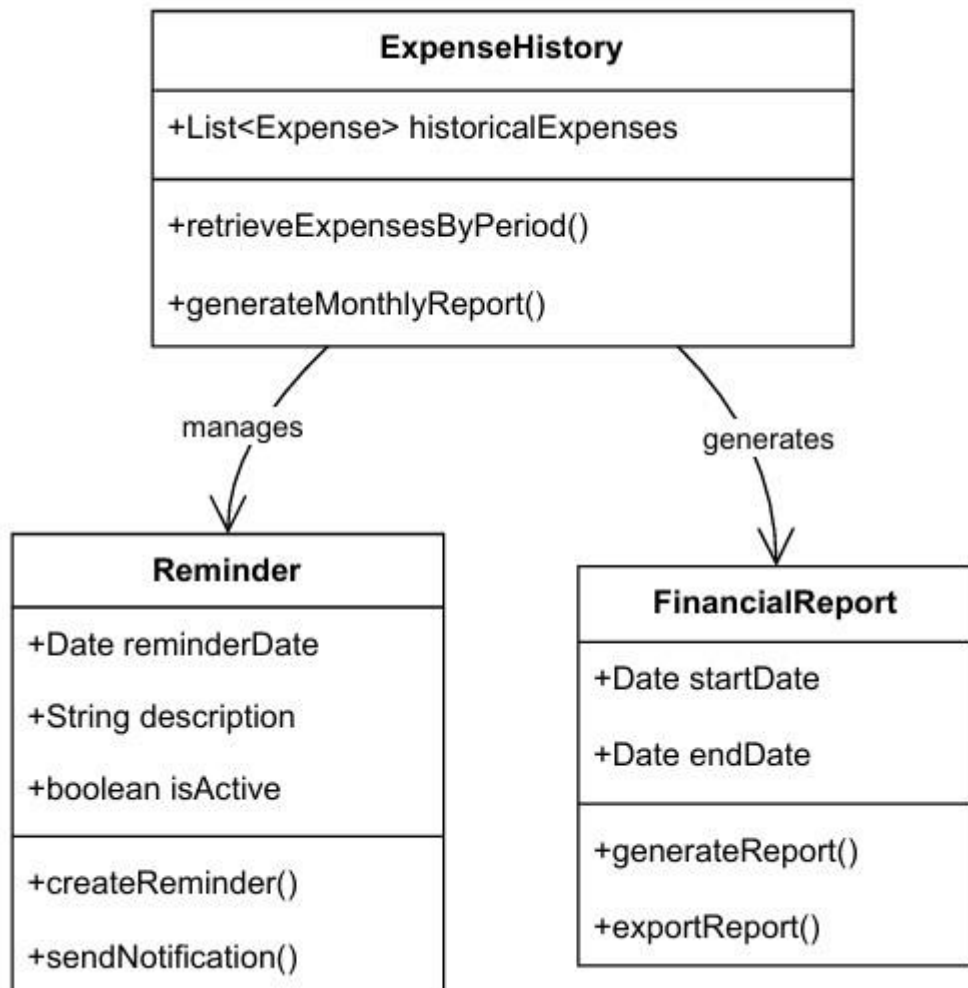
Objective: Develop features that provide users with insights into their financial activities.

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

Sprint 3 :

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

Class Diagram :



Advanced Financial Management

Objective: Add advanced financial management features.

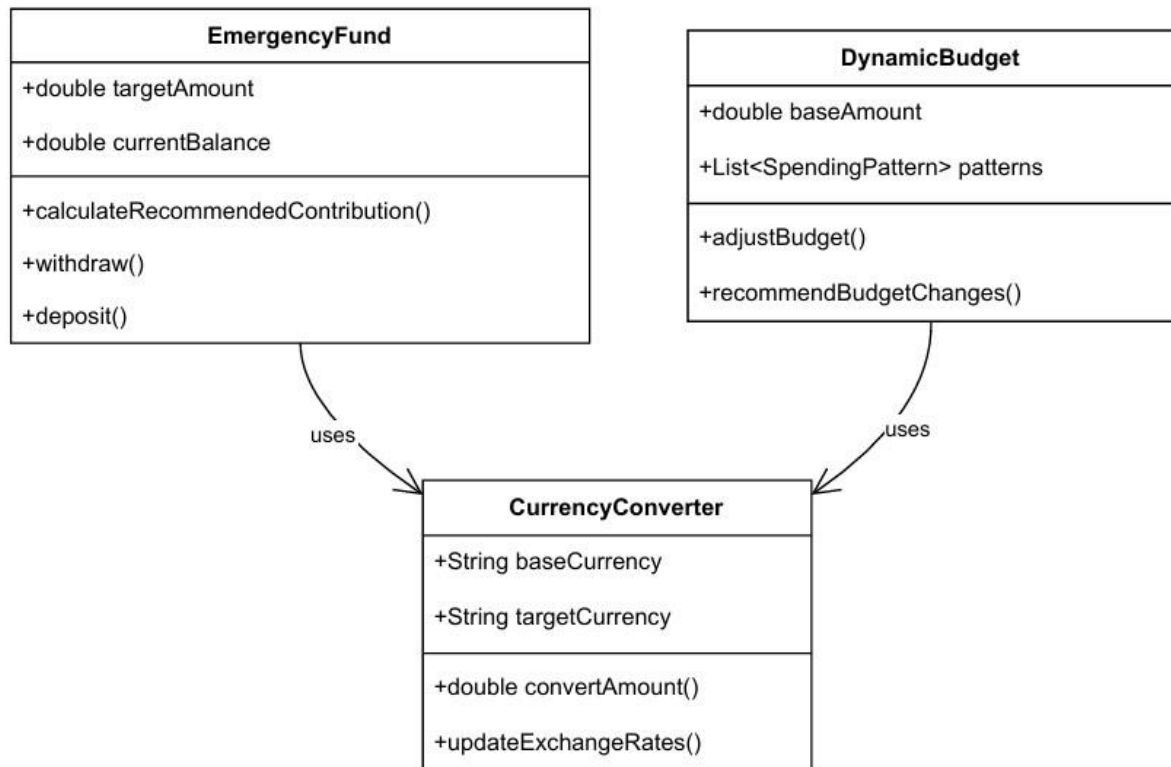
Sprint Details: Includes emergency fund setup, support for multiple currencies, and dynamic budget adjustments.

- Emergency Funds Management: Users can manage their emergency funds.

Sprint 4 :

- Currency Preference: Users can set their currency preferences.
- Dynamic Budget Adjustment: Users can adjust budgets dynamically based on spending behaviour.

Class Diagram :



Invoicing and Payment Features

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

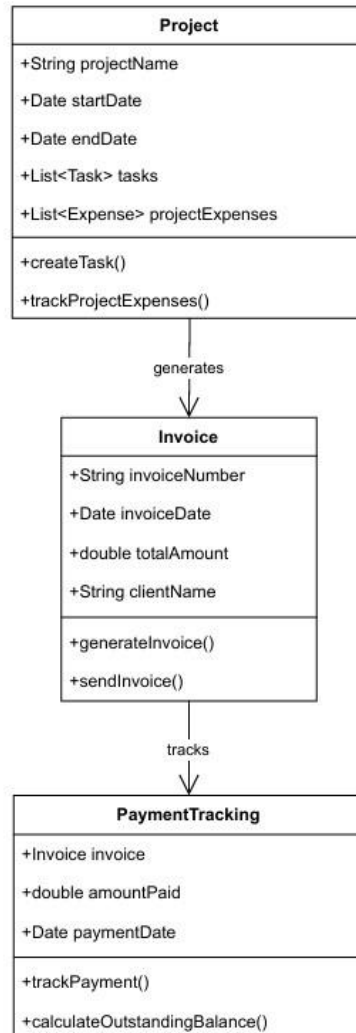
Sprint Details: Includes invoice generation, tracking payments, and managing tasks and expenses related to specific projects.

- Invoice Generation: Users can generate invoices.
- Invoice Payment Tracking: Users can track invoice payments.

Sprint 5 :

- Project Management: Users can manage tasks and expenses related to projects.

Class Diagram :



User and System Administration

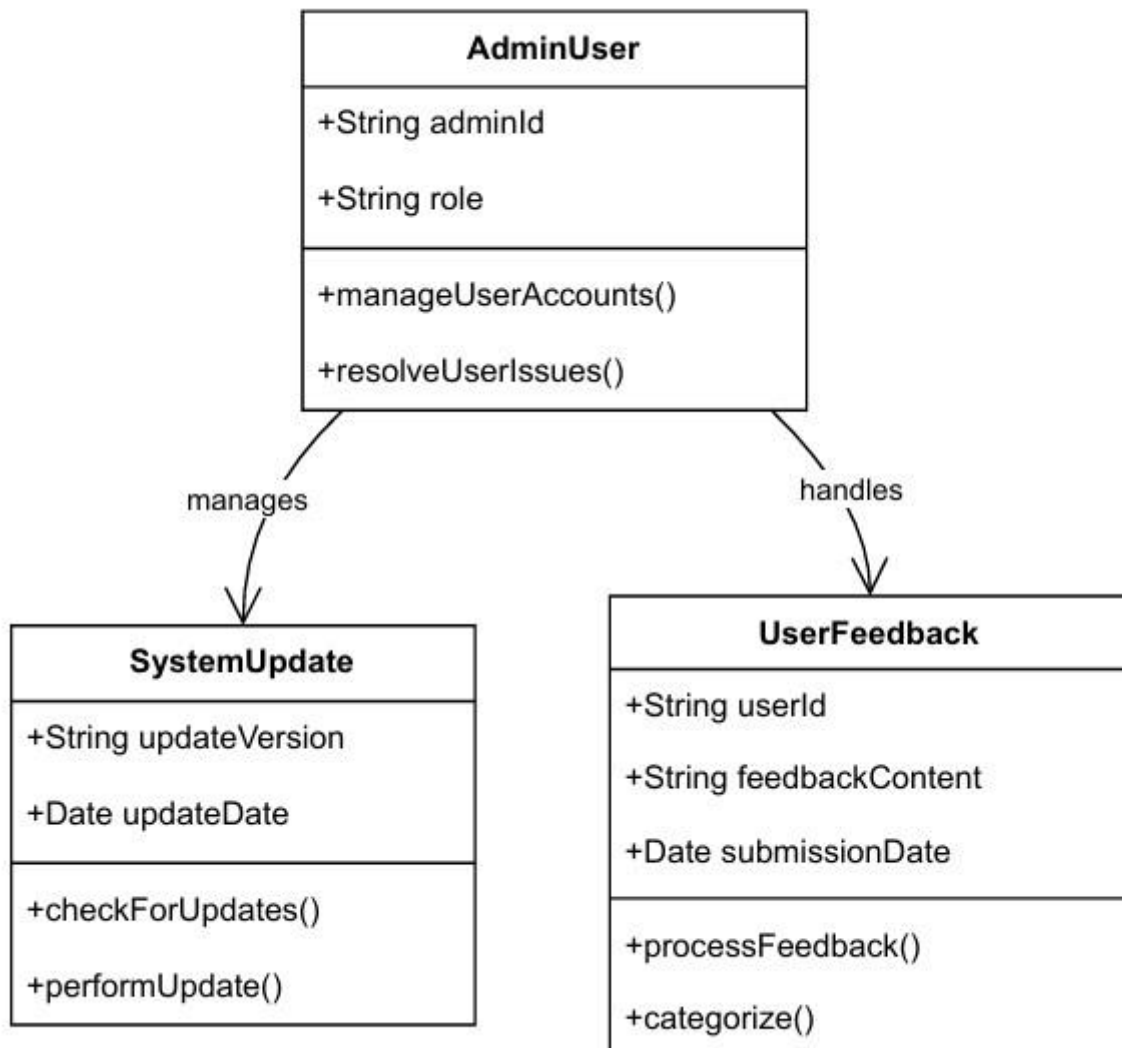
Objective: Focus on administration and system management tasks.

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.

Sprint 6 :

Class Diagram :



Data Security and Enforcement

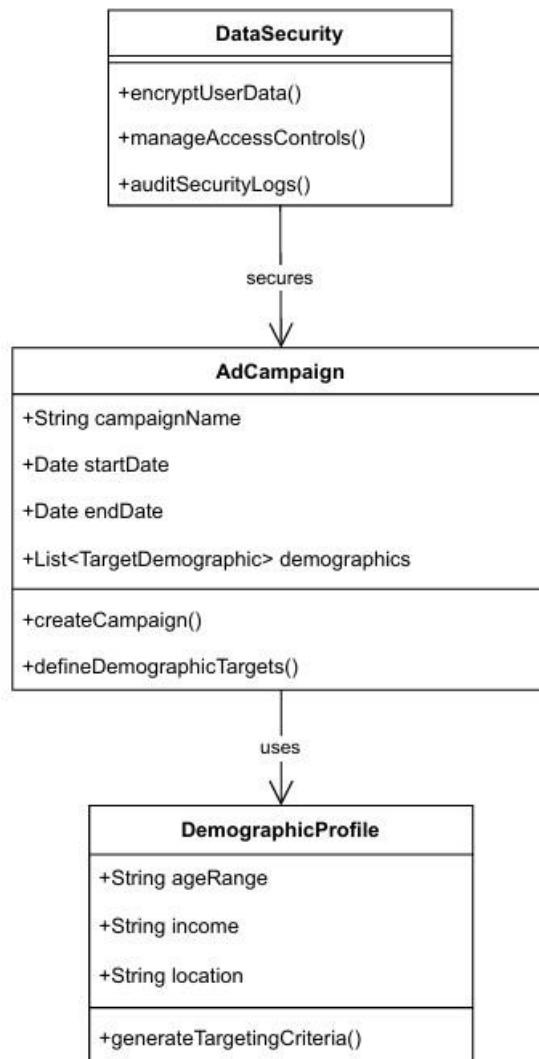
Objective: Ensure data security enforcement, manage advertisement campaigns, and develop features for demographic targeting.

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.

Class Diagram :

Sprint 7 :



Advertisement Management and Performance

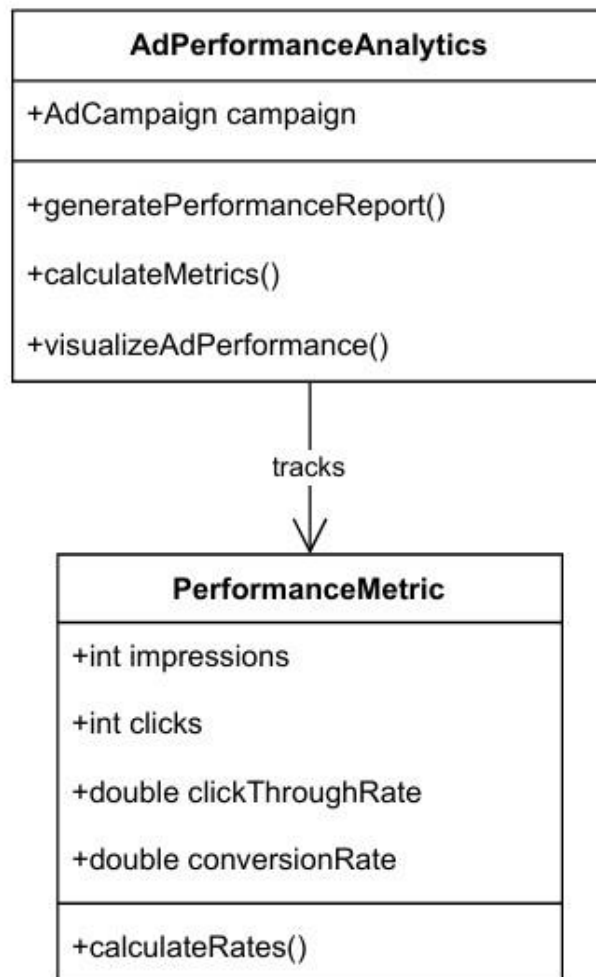
Objective: Develop features that allow users to monitor the performance of ad campaigns.

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

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

Class Diagram :

Sprint 8 :



Sequence Diagrams

Detroja Avi-202201452

Sprint 1: User Account Management and Authentication

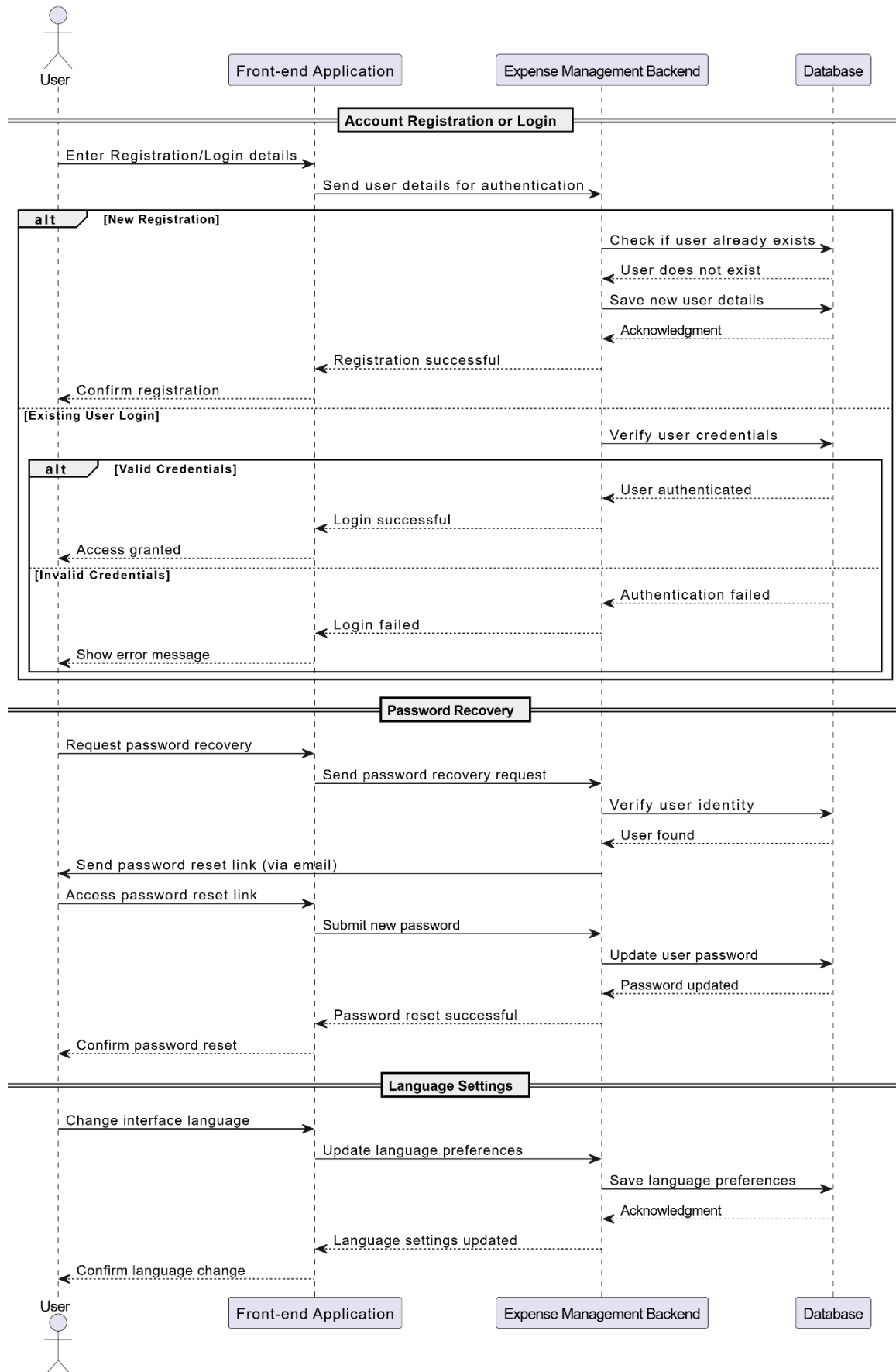
Objective: This feature aims to establish core user management functionalities, including account registration, login, password recovery, and language settings.

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

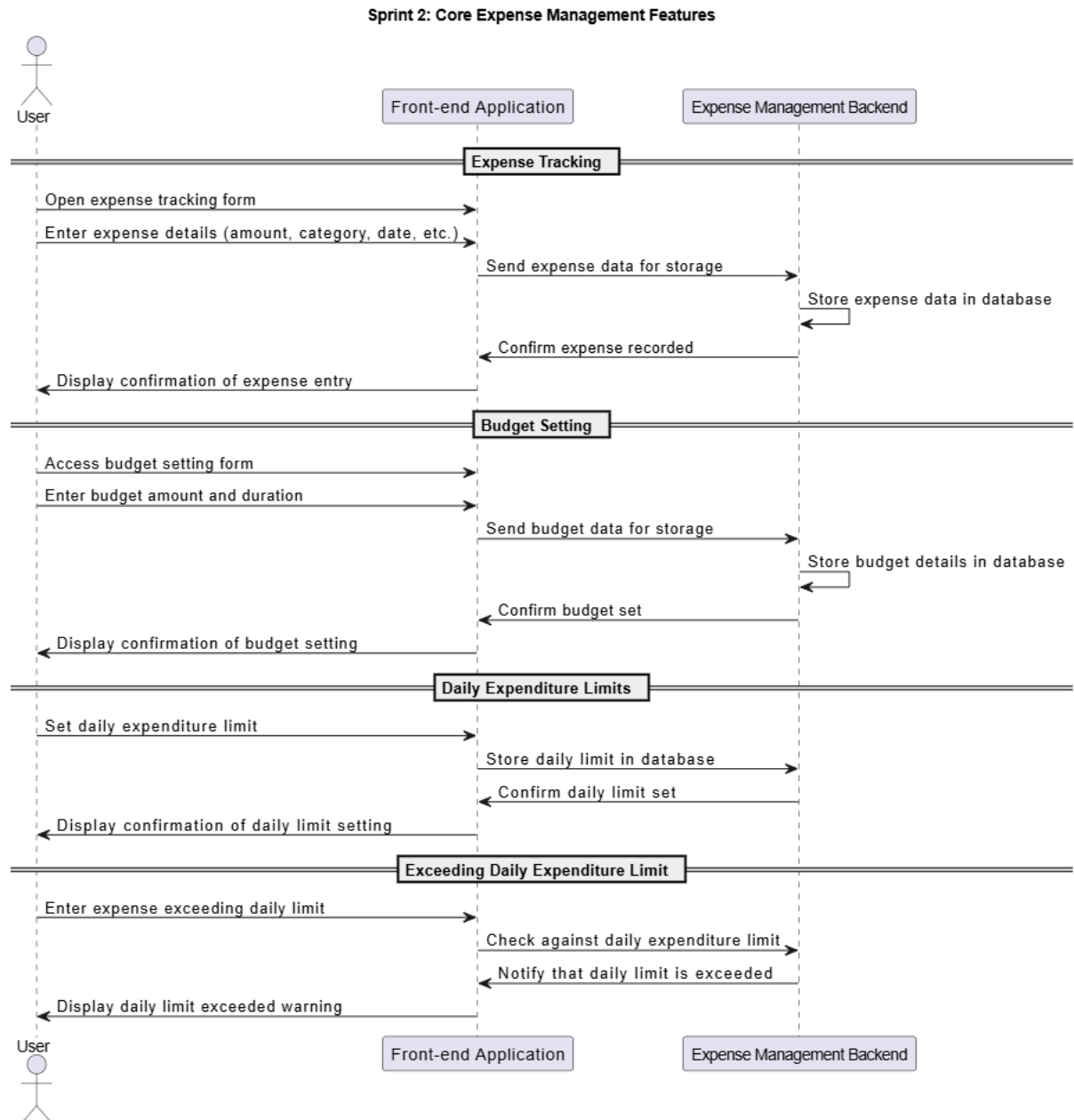


Sprint 2: Core Expense Management Features

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



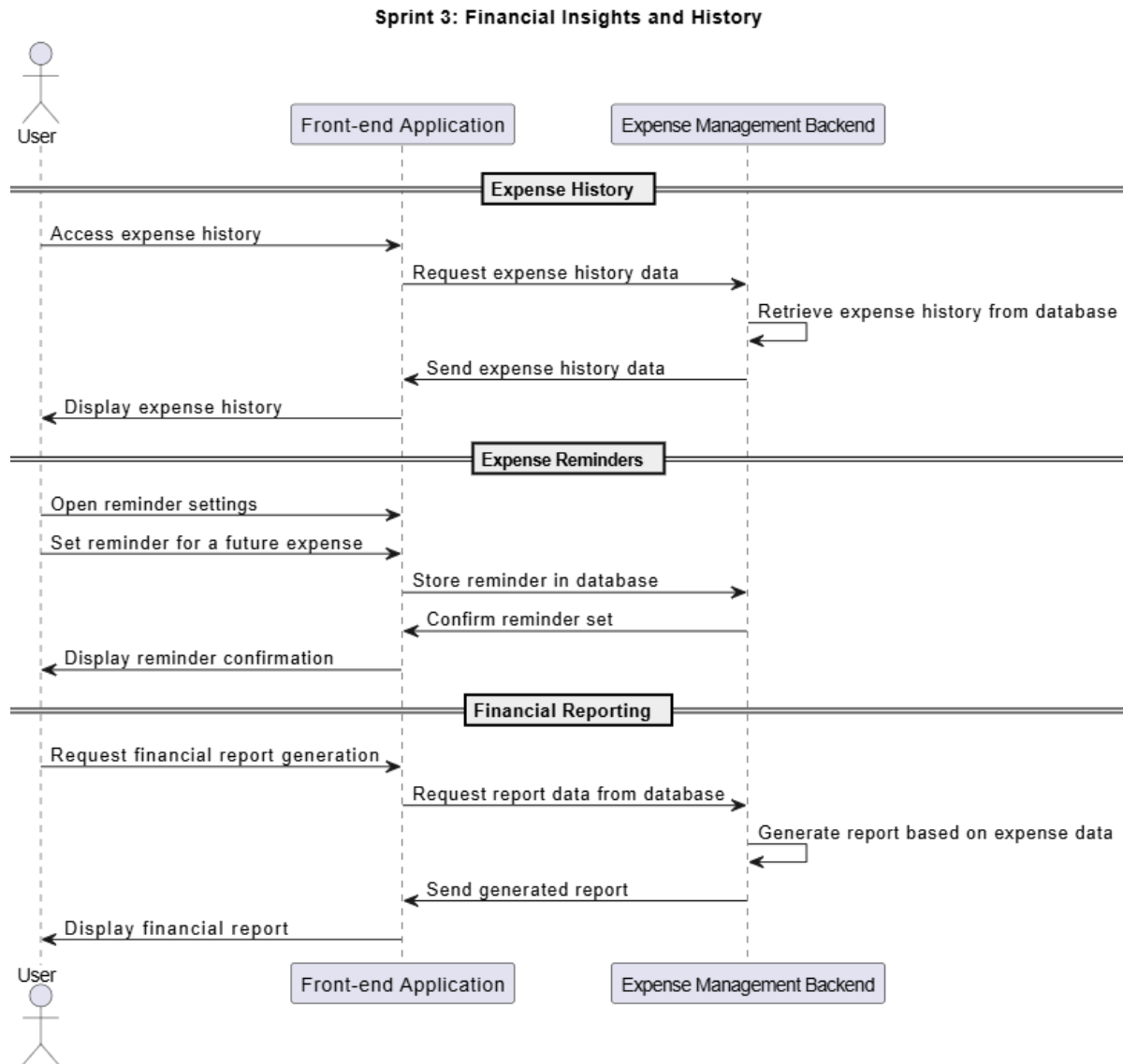
Sprint 3: Financial Insights and History

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



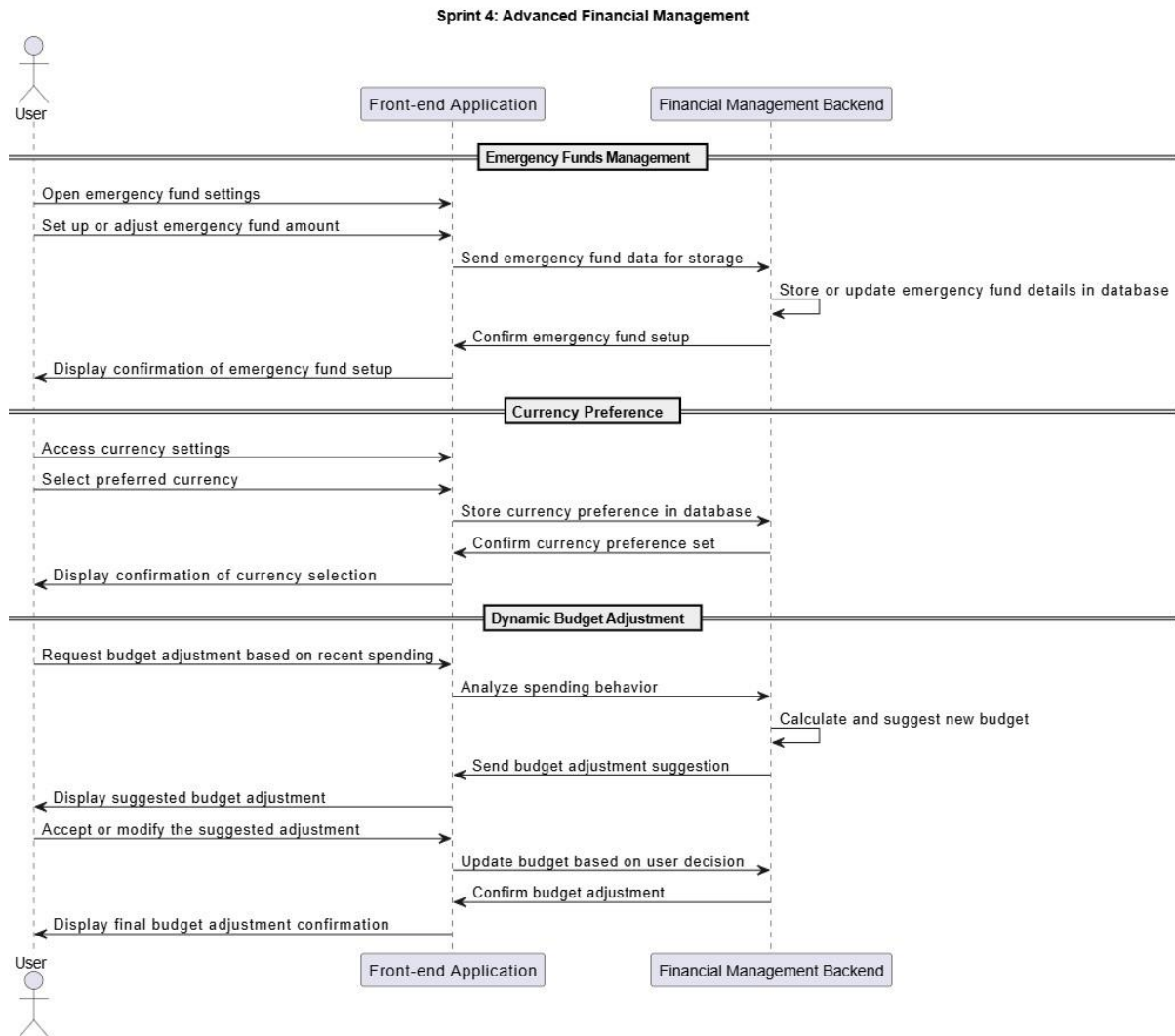
Sprint 4: Advanced Financial Management

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

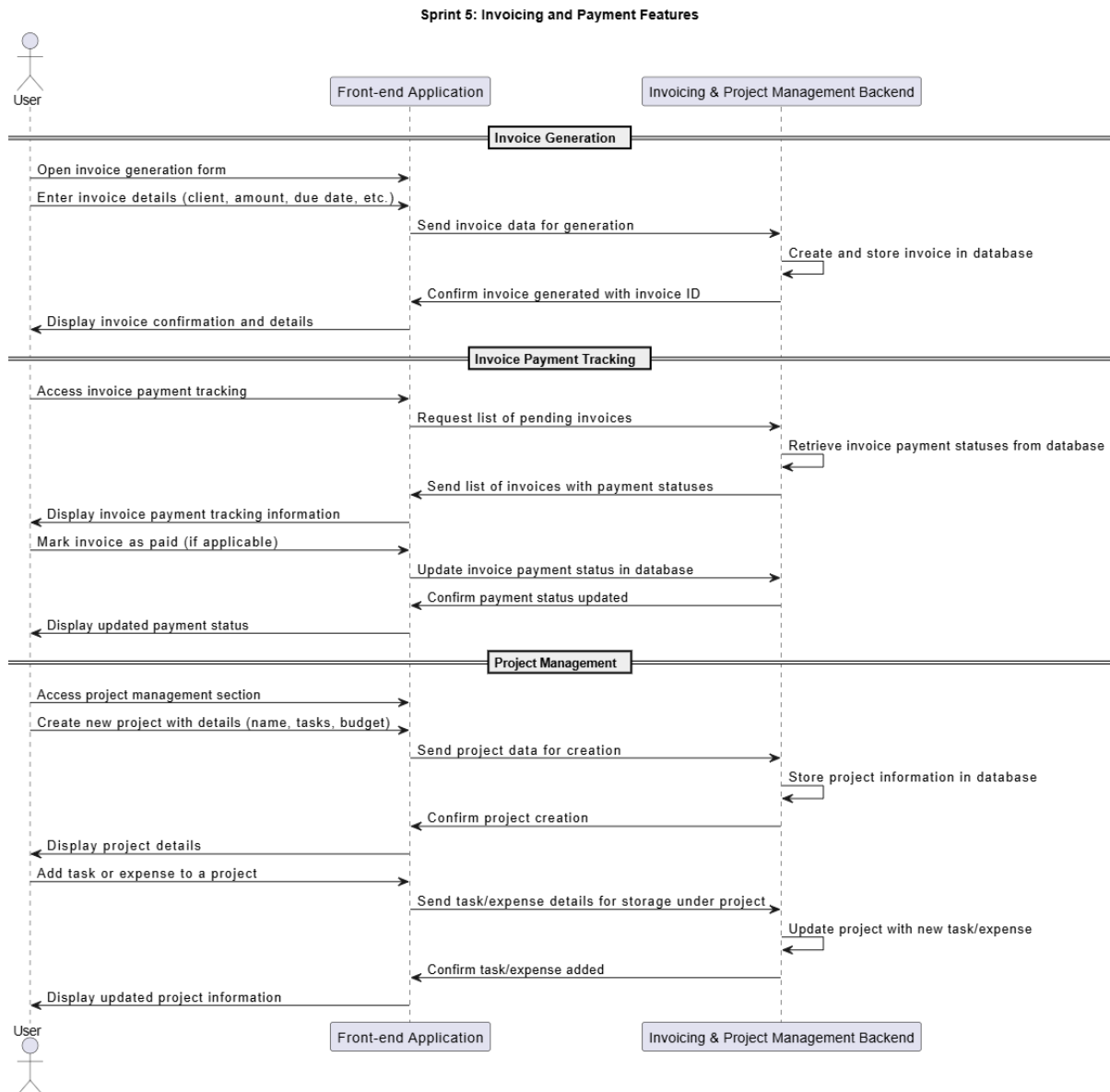


Sprint 5: Invoicing and Payment Features

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



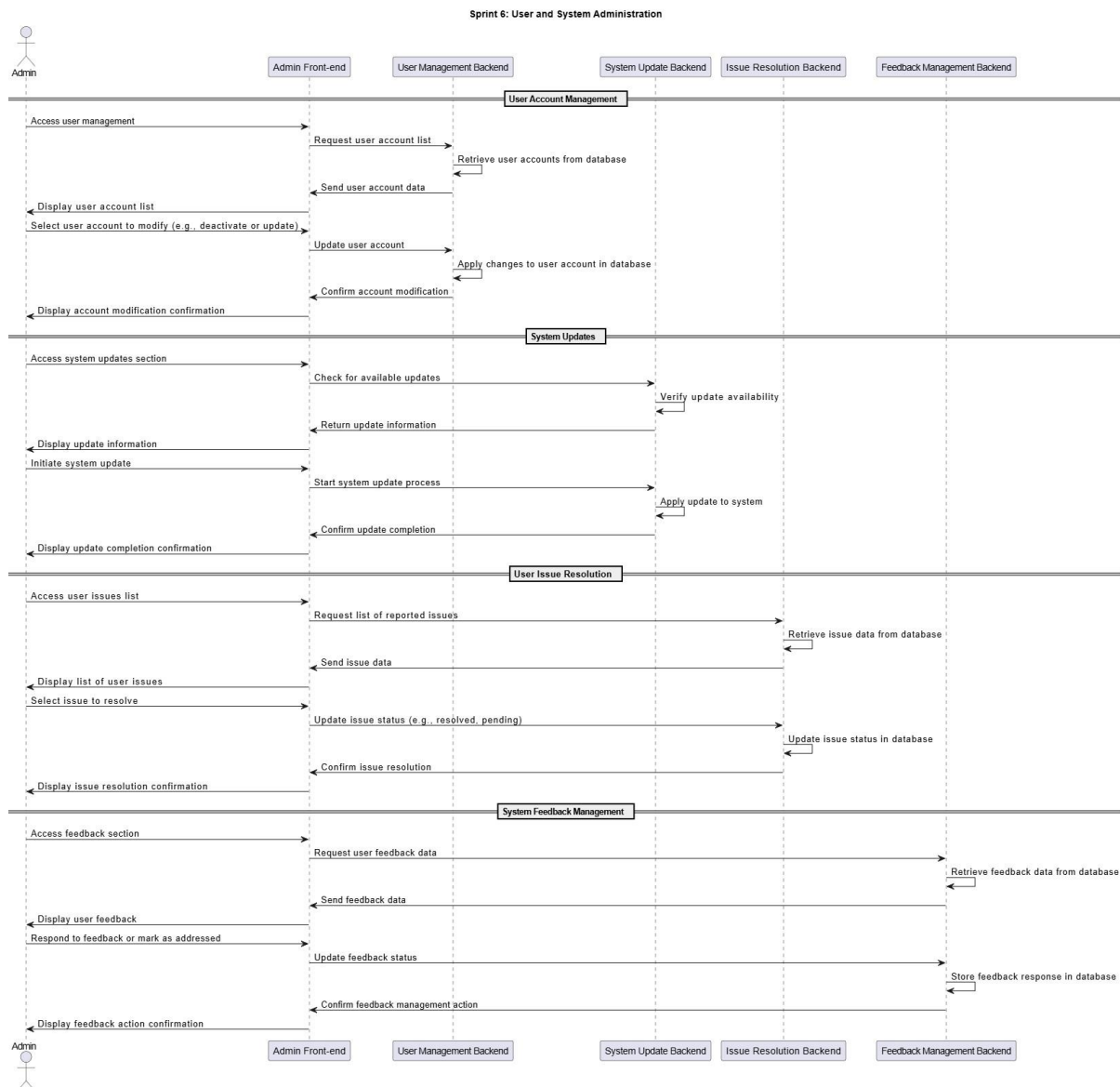
Sprint 6: User and System Administration

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

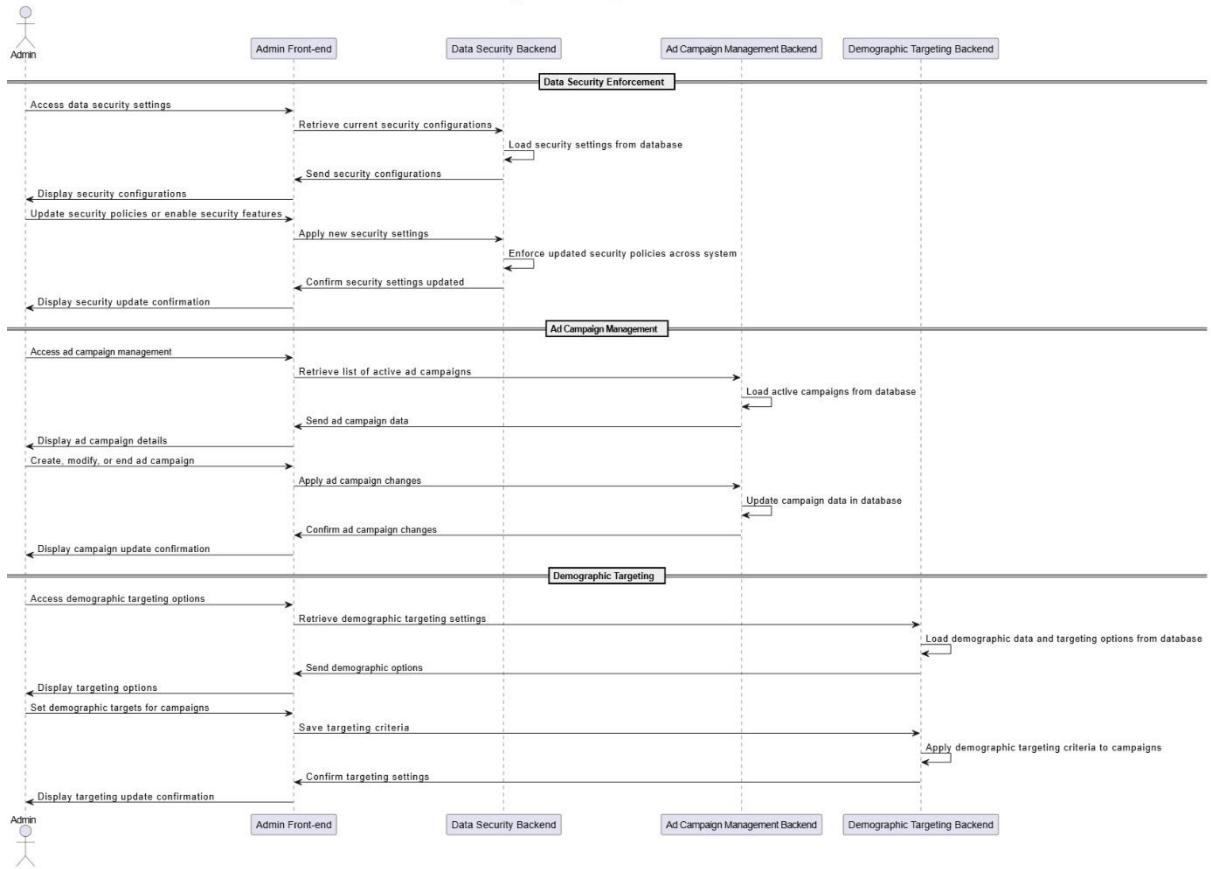
Objective: Ensure data security enforcement, manage advertisement campaigns, and develop features for demographic targeting.

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

