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## PROJECT: EXPENSIFY

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IT314 – SOFTWARE ENGINEERING

GROUP 26

**TASK : CLASS DIAGRAMS**



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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,

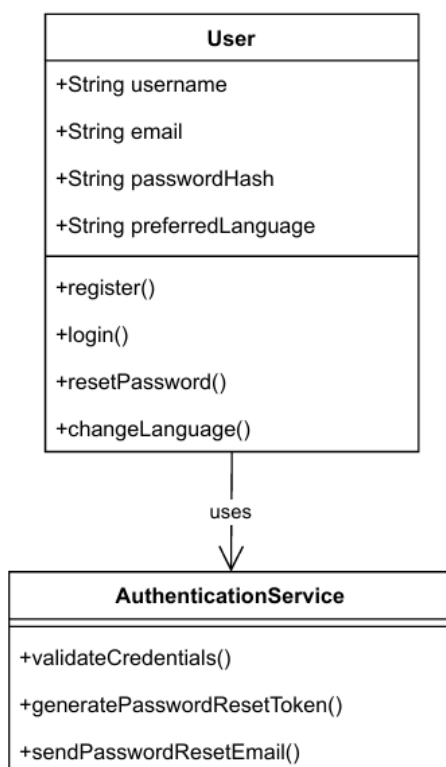
password recovery, and support for language settings. This sprint focuses on creating a robust

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.

### Class Diagram :



## Sprint 2 :

### Core Expense Management Features

Objective: Implement core functionalities for tracking expenses, setting budgets, and managing

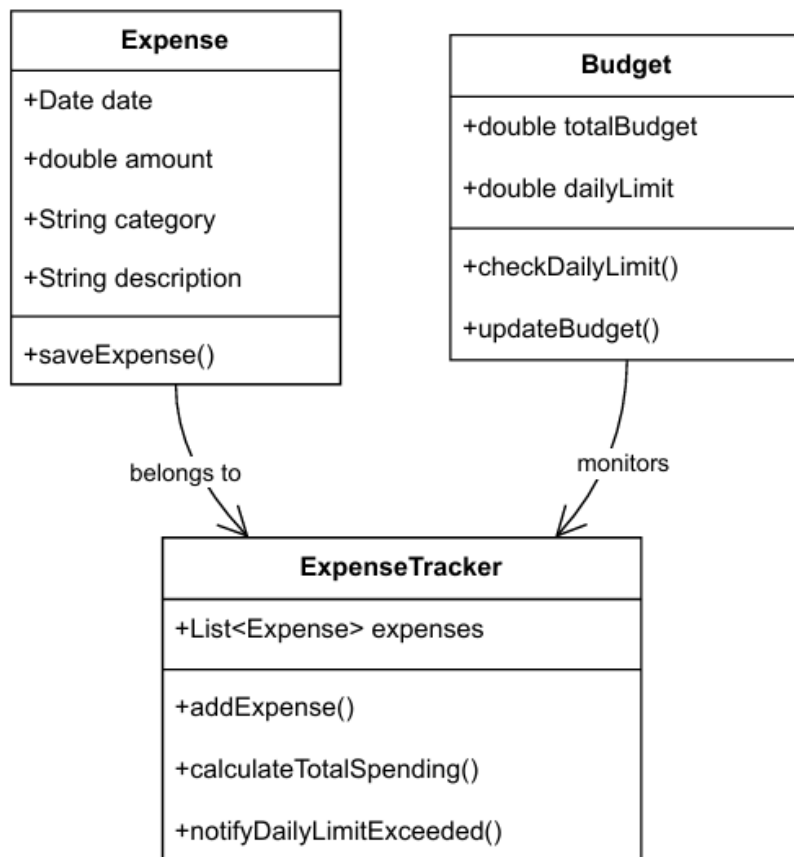
daily expenditure limits.

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.

### Class Diagram :



## Sprint 3 :

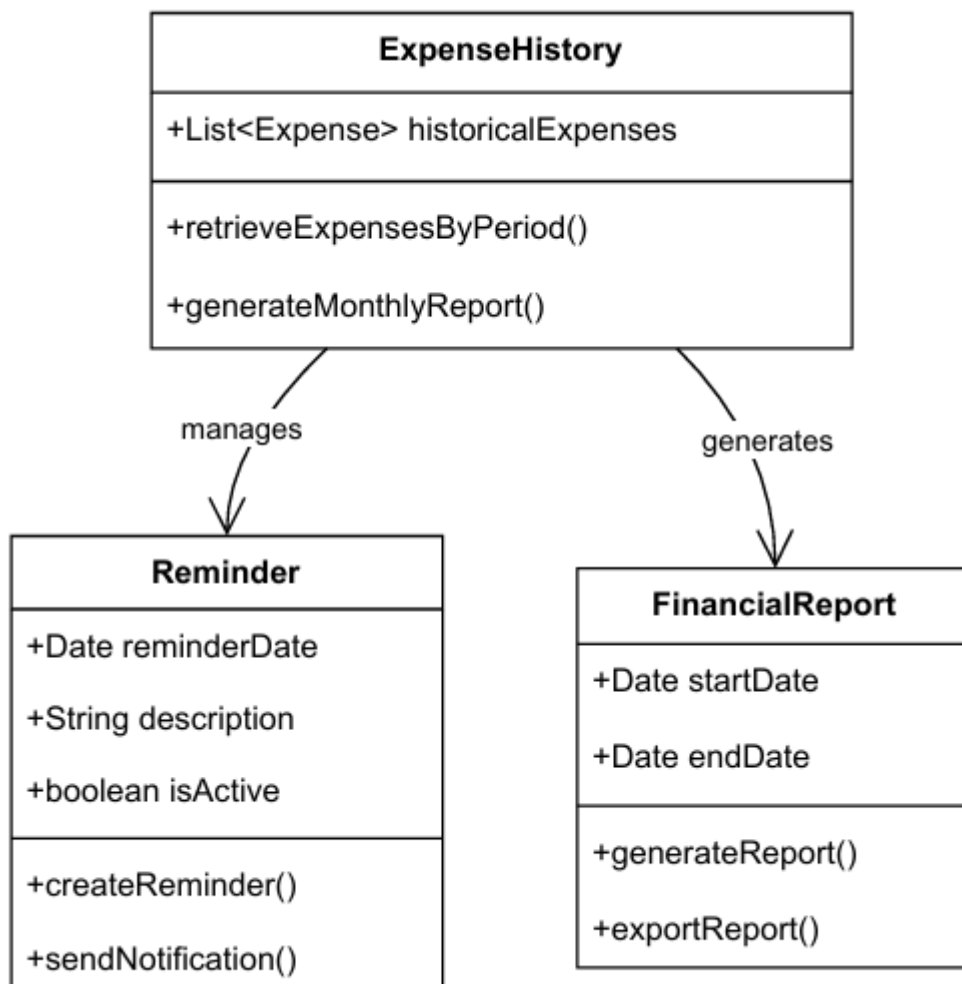
### Financial Insights and History

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.

### Class Diagram :



## Sprint 4 :

### Advanced Financial Management

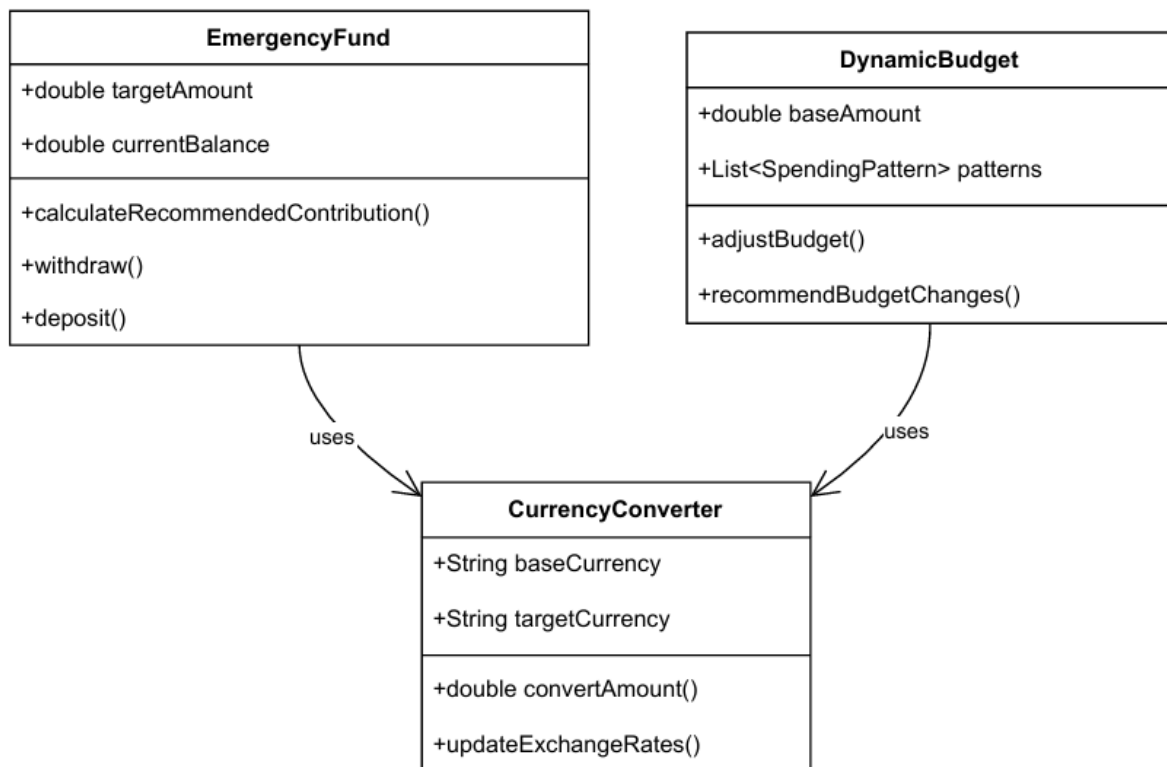
Objective: Add advanced financial management features.

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.

### Class Diagram :



## Sprint 5 :

### Invoicing and Payment Features

Objective: Develop features related to invoice generation, tracking invoice payments, and basic

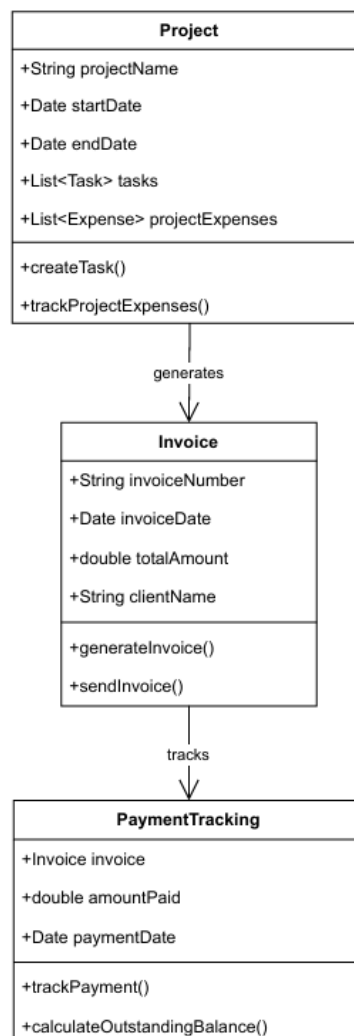
project management tools.

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.

### Class Diagram :



## Sprint 6 :

### User and System Administration

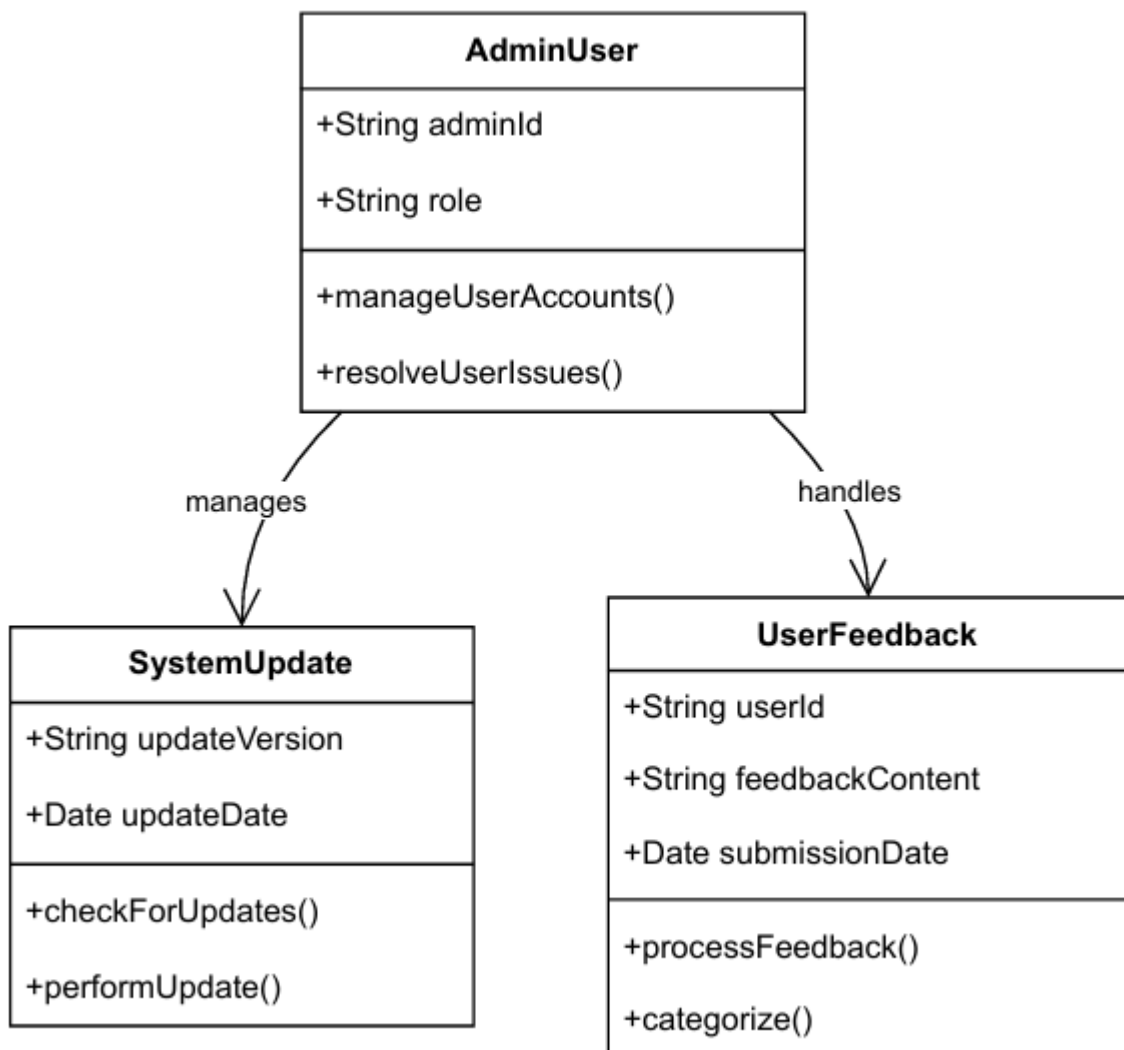
Objective: Focus on administration and system management tasks.

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.

### Class Diagram :



## Sprint 7 :

### Data Security and Enforcement

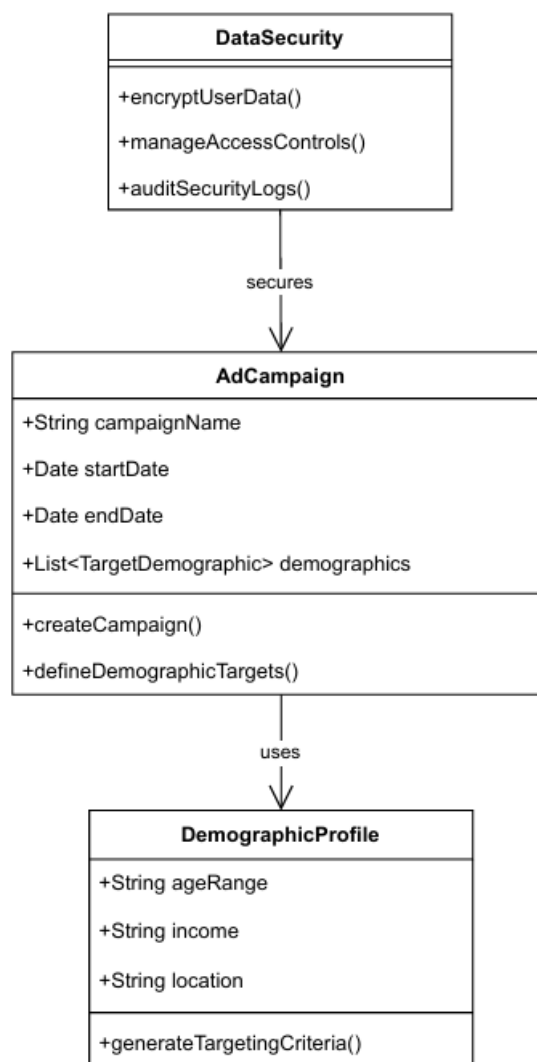
Objective: Ensure data security enforcement, manage advertisement campaigns, and develop

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.

### Class Diagram :





## 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.

## Class Diagram :

