

# Mini Project: JW1\_5

## Personal Finance Manager



### Team Members:

Abhyudit Badhul

Ayushi Jain

Kuruba

Gauransh Soni

Madhu Patel

Prachi Gupta

Shruti Sinha

Varsneya Srinivas

### Mentors:

Pulkit Gupta

Abhijit



# Agenda

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Problem Statement

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Individual Contribution

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Design of the project

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Demo

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Best Practices Adopted

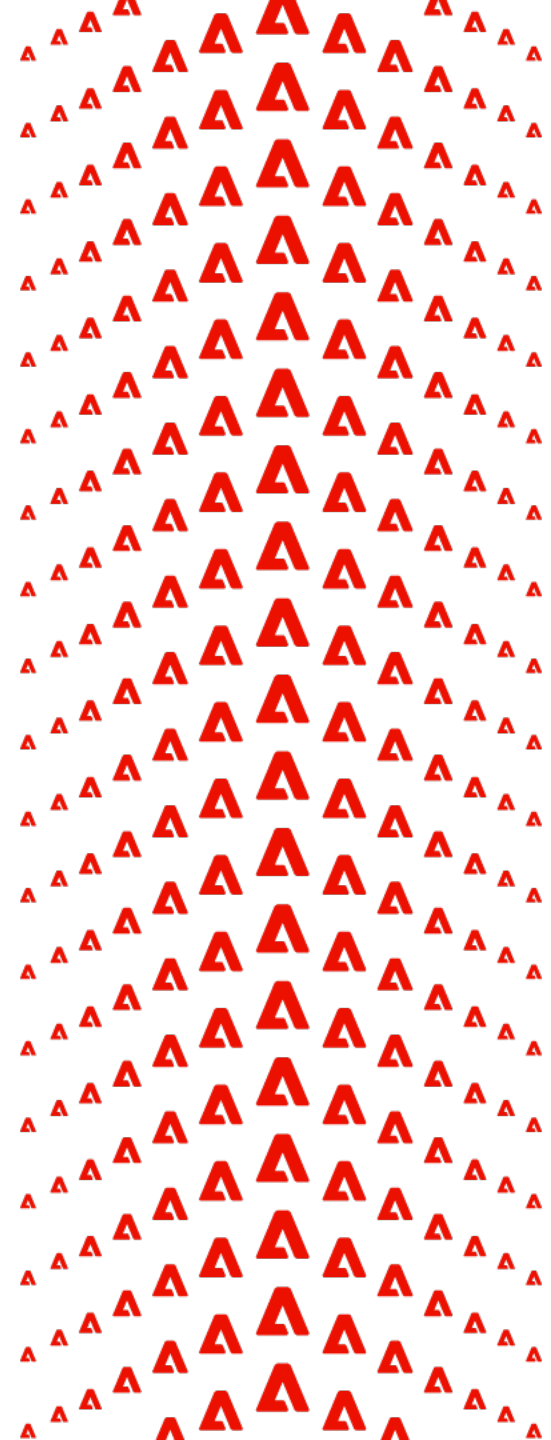
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Key Learnings

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Future Scope

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# Problem Statement



# Individual Contribution



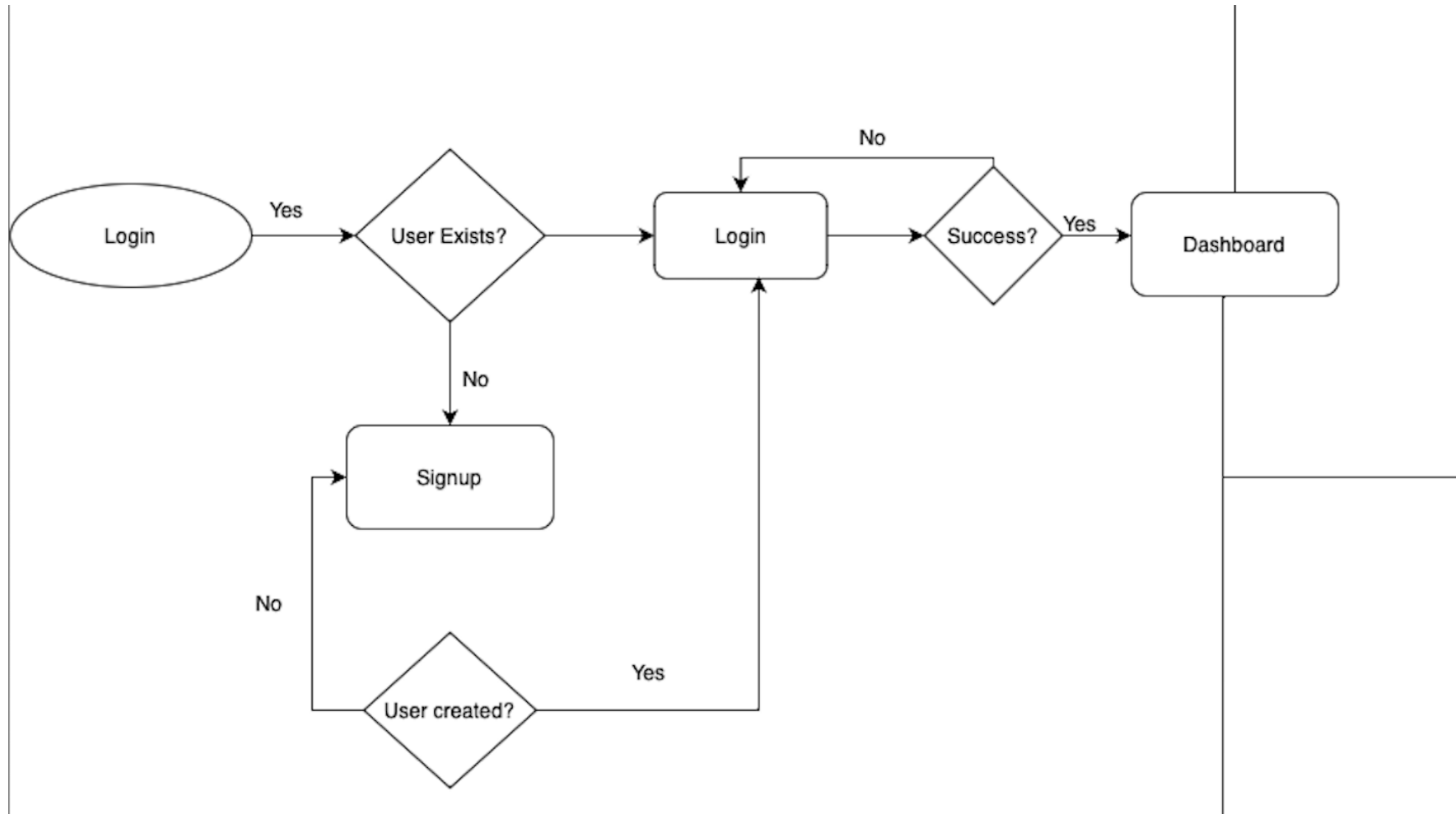
# Individual Contribution

Abhyudit	Transaction, Authorization, Reports
Ayushi	Accounts, Dashboard
Gauransh	Login , Registration, Dashboard, Integration, Transaction
Madhu	Bills API CRUD operation – Add, Delete, Update, Get
Prachi	Bills
Shruti	Budgets, Reports, Accounts
Varsneya	Budgets

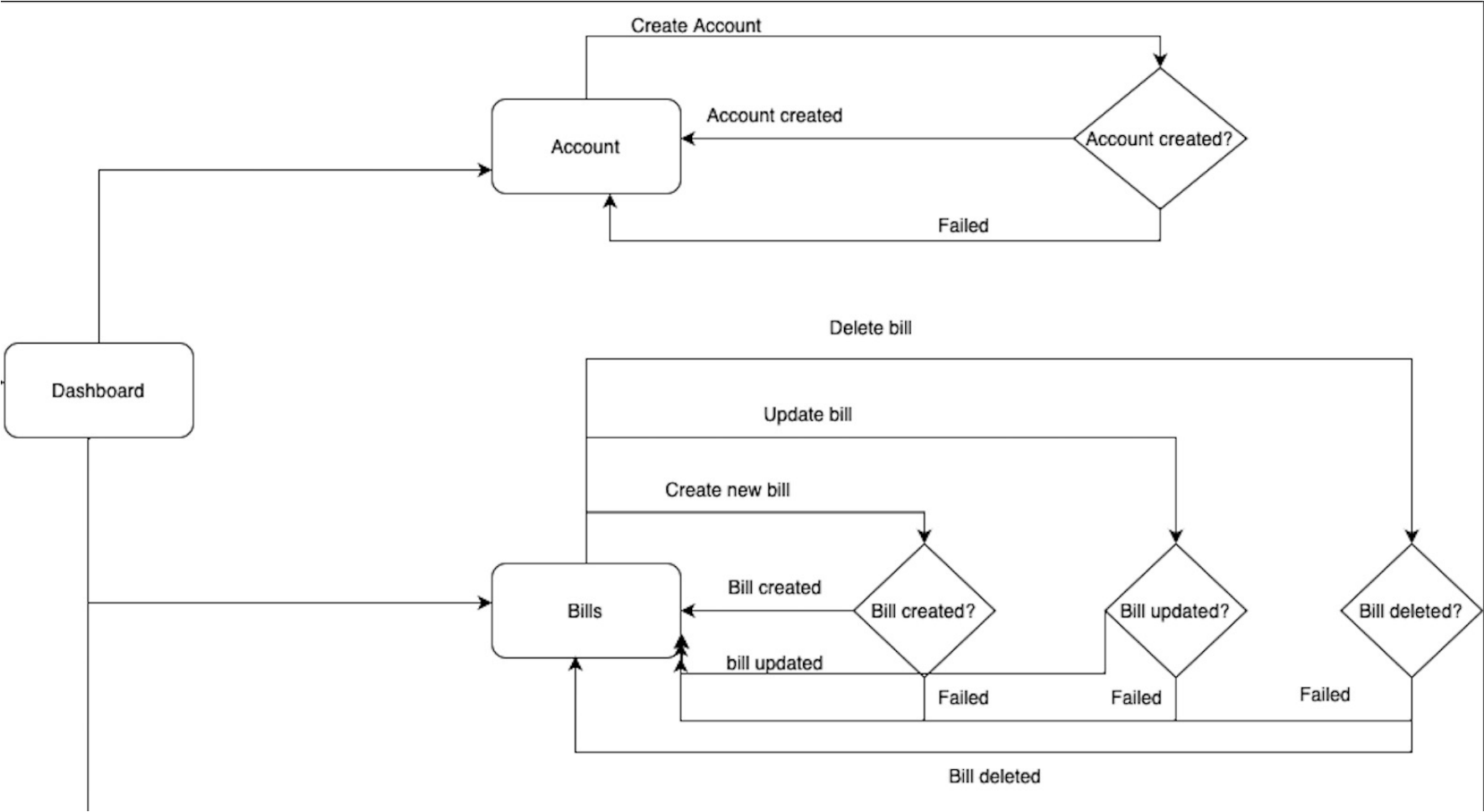
# Design of the project



# UI Flow

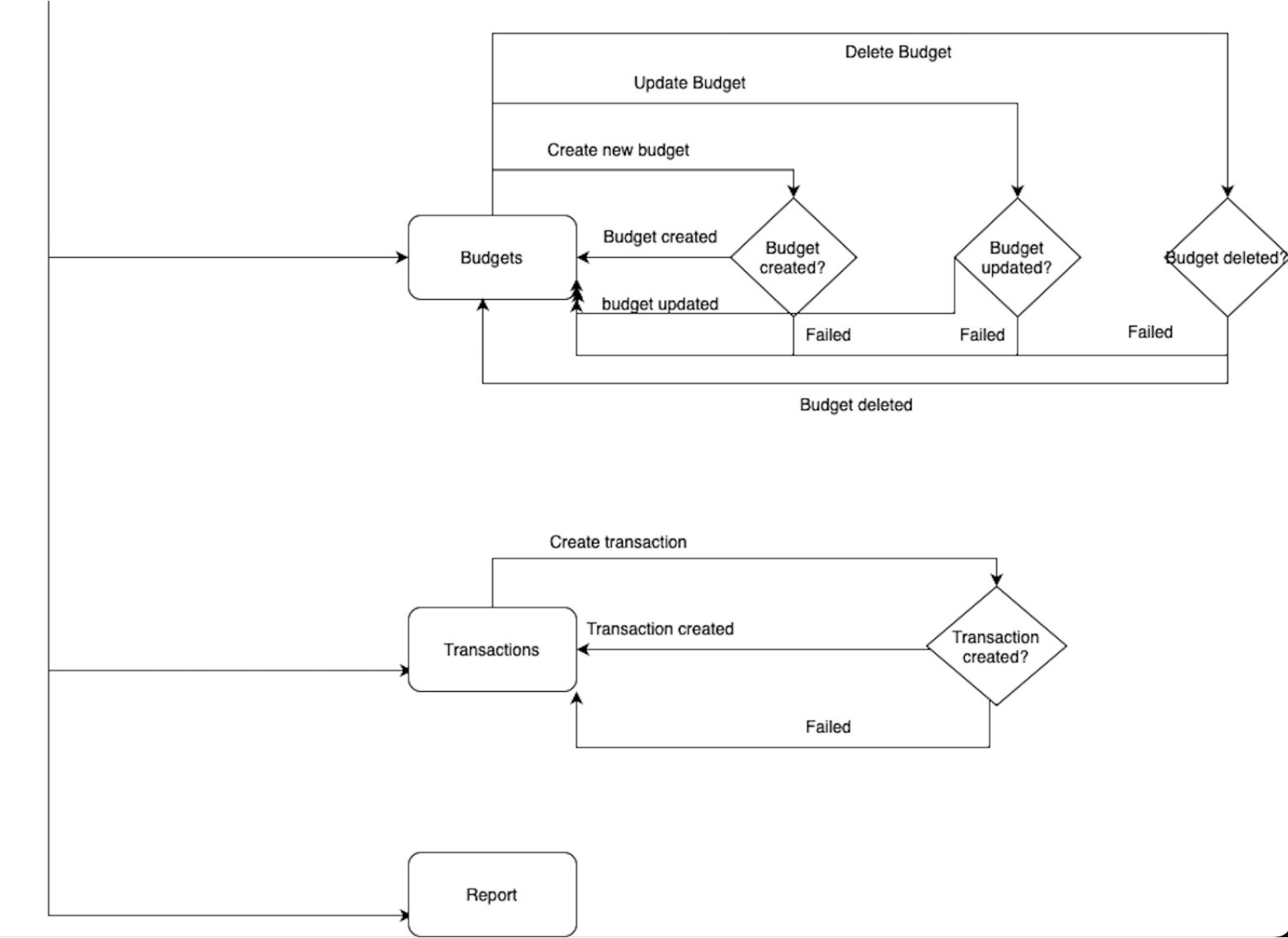


# UI Flow

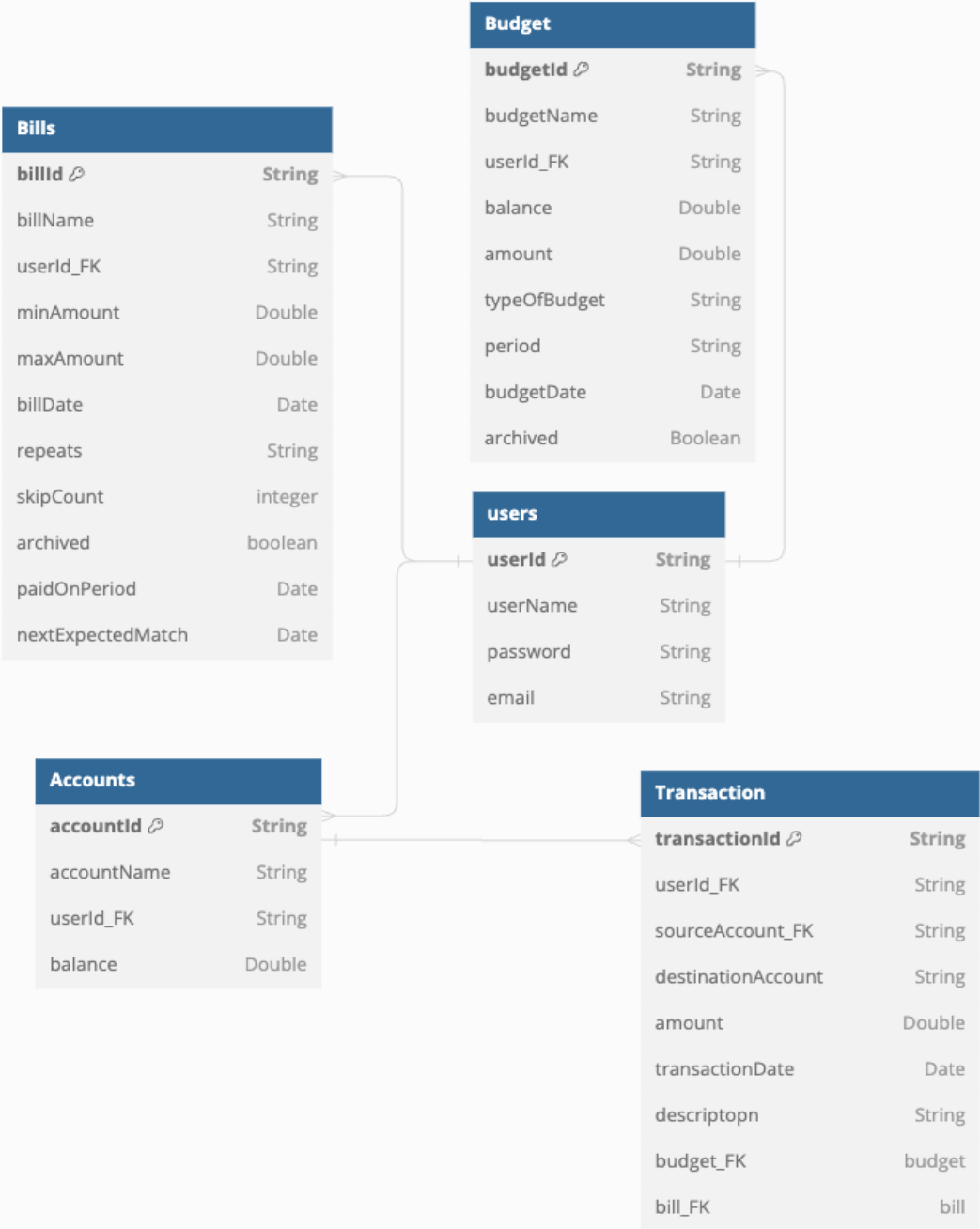




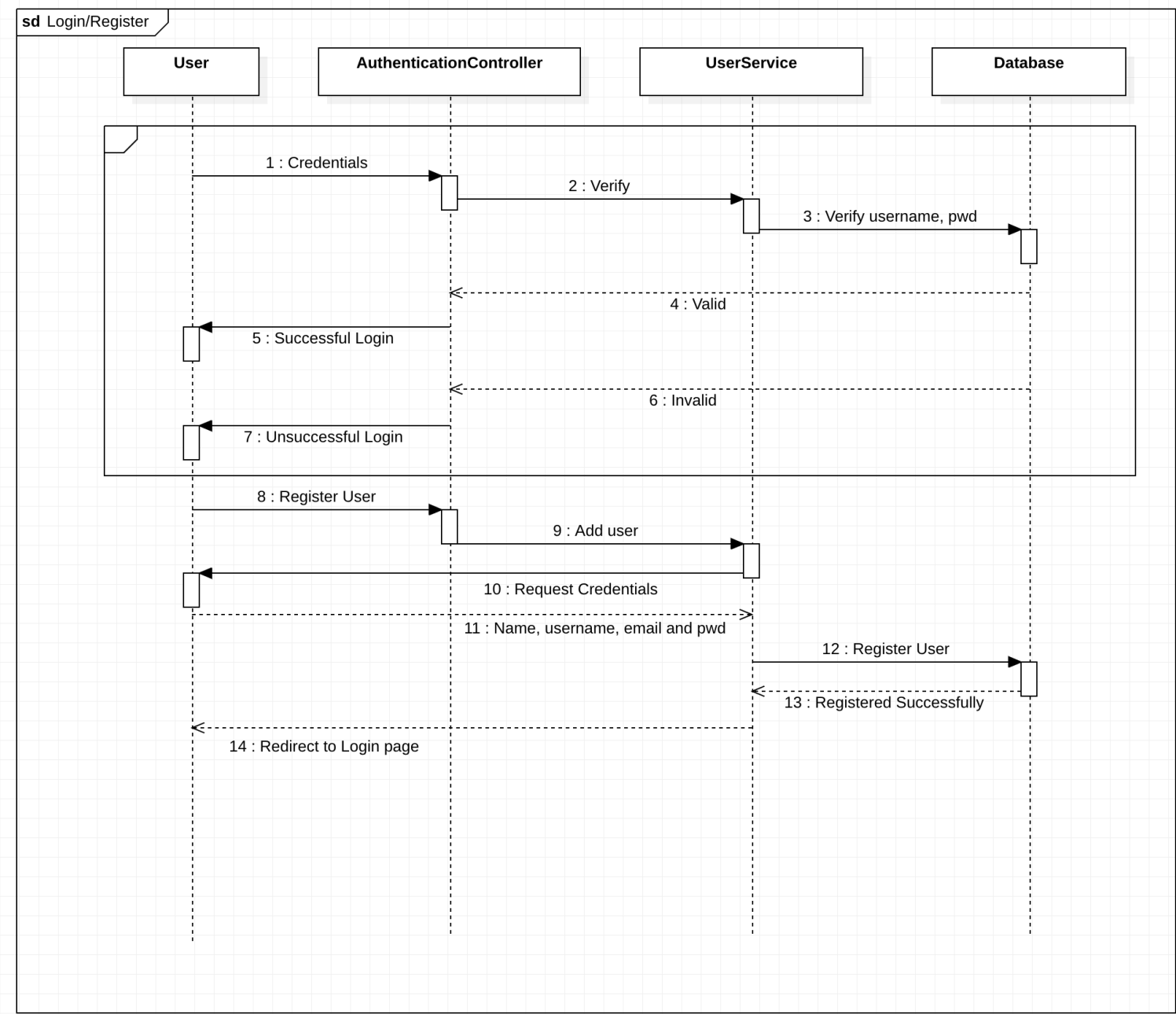
# UI Flow



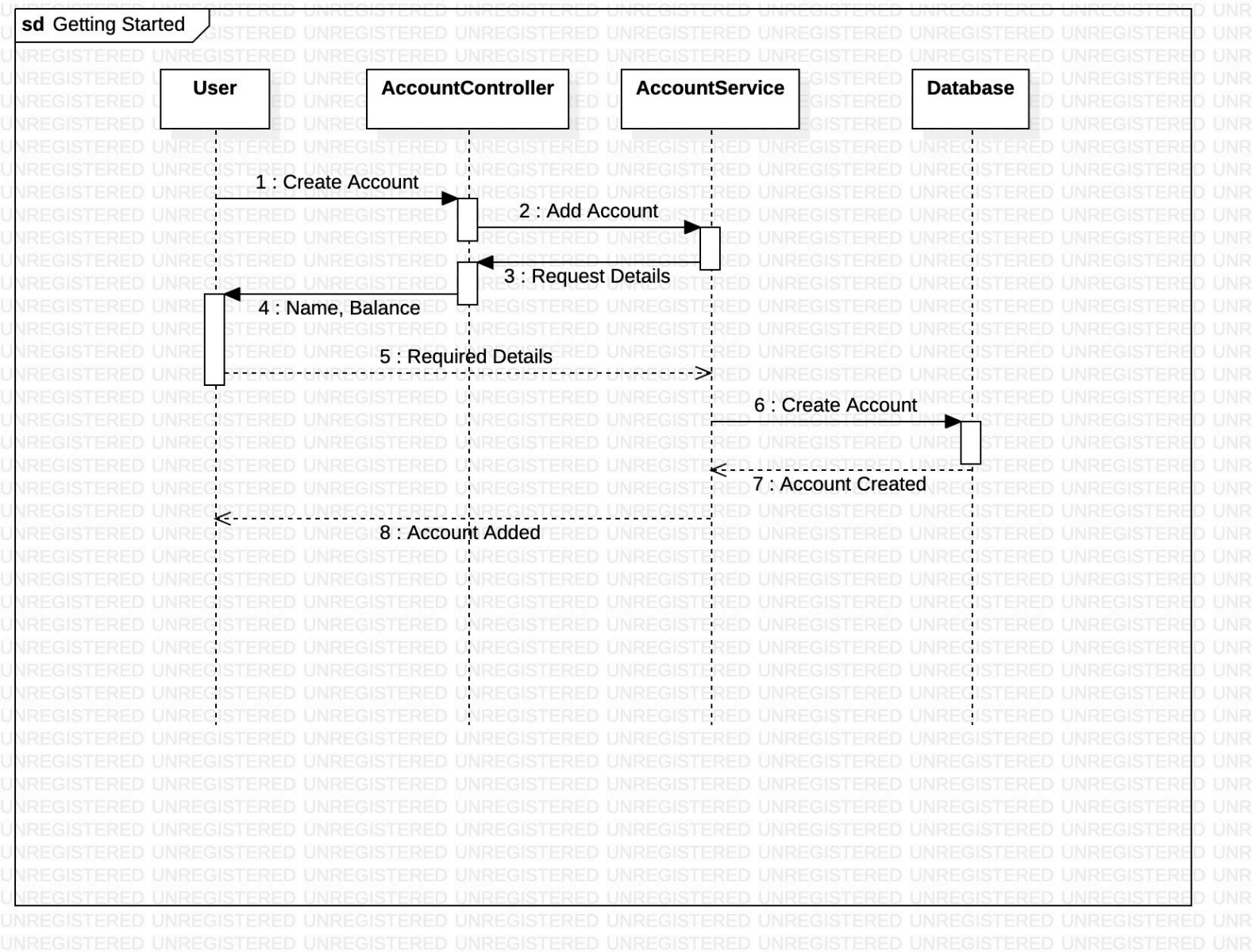
# Schema Diagram



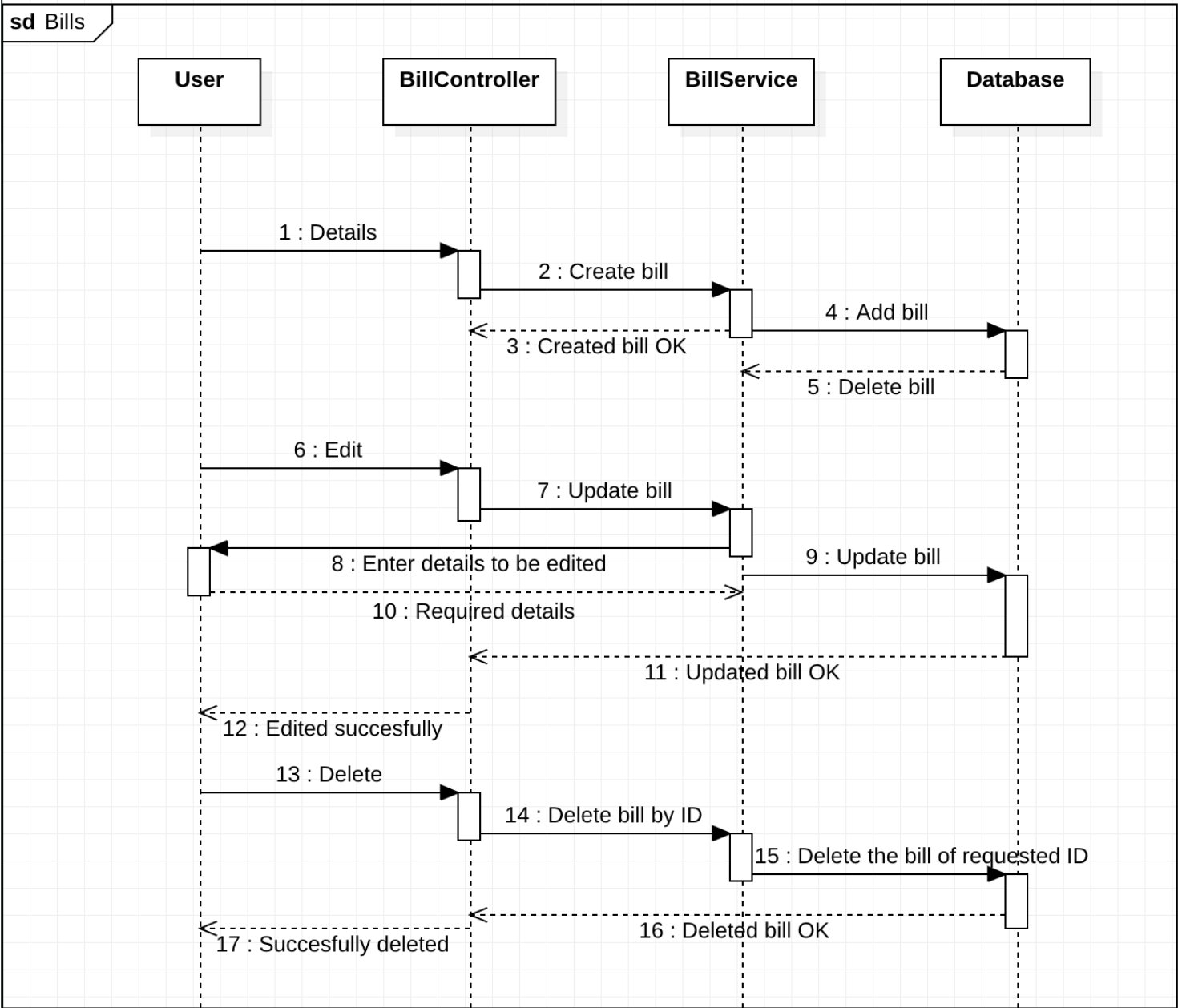
# Sequence Diagram for Login



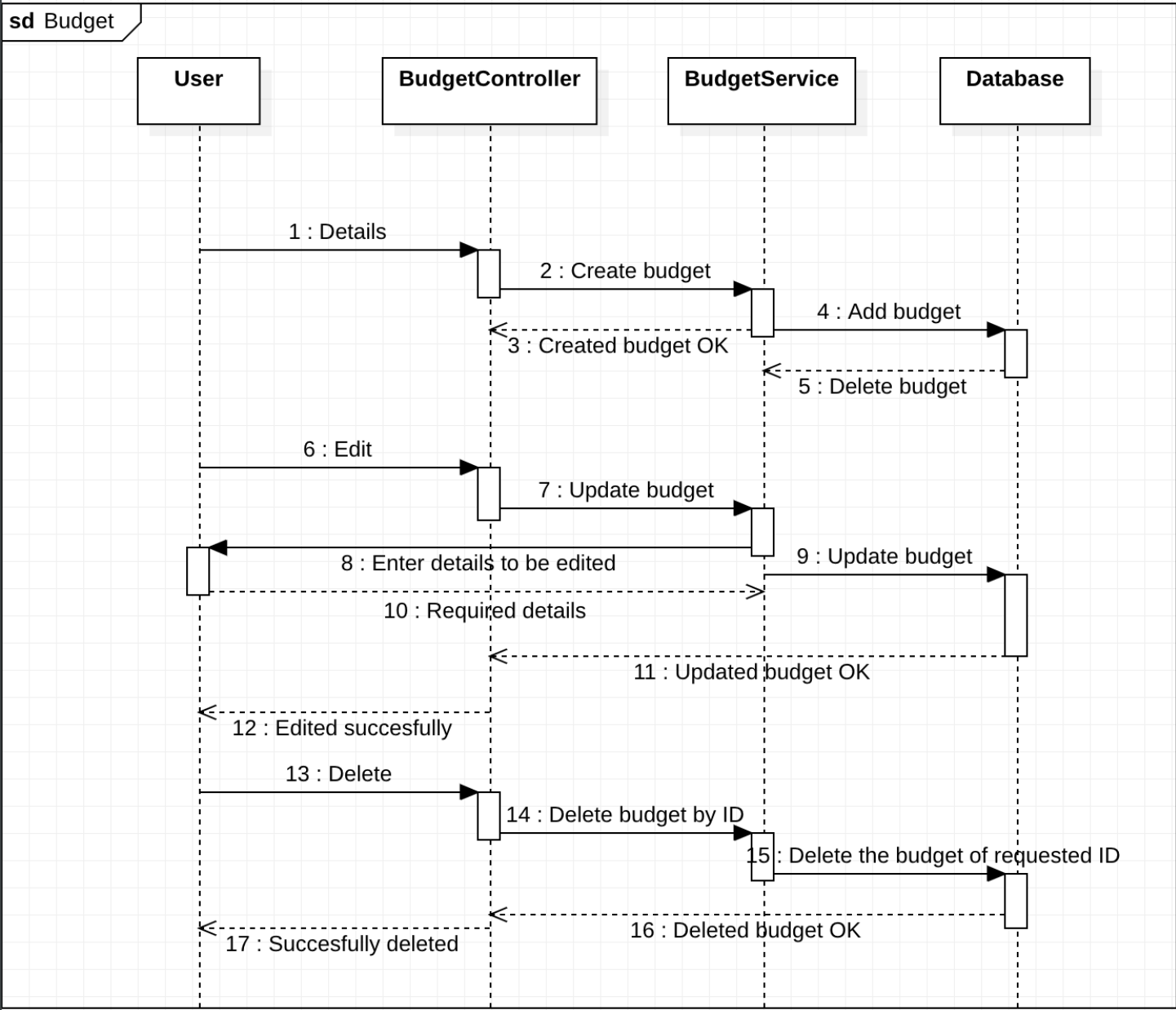
# Sequence Diagram for Account



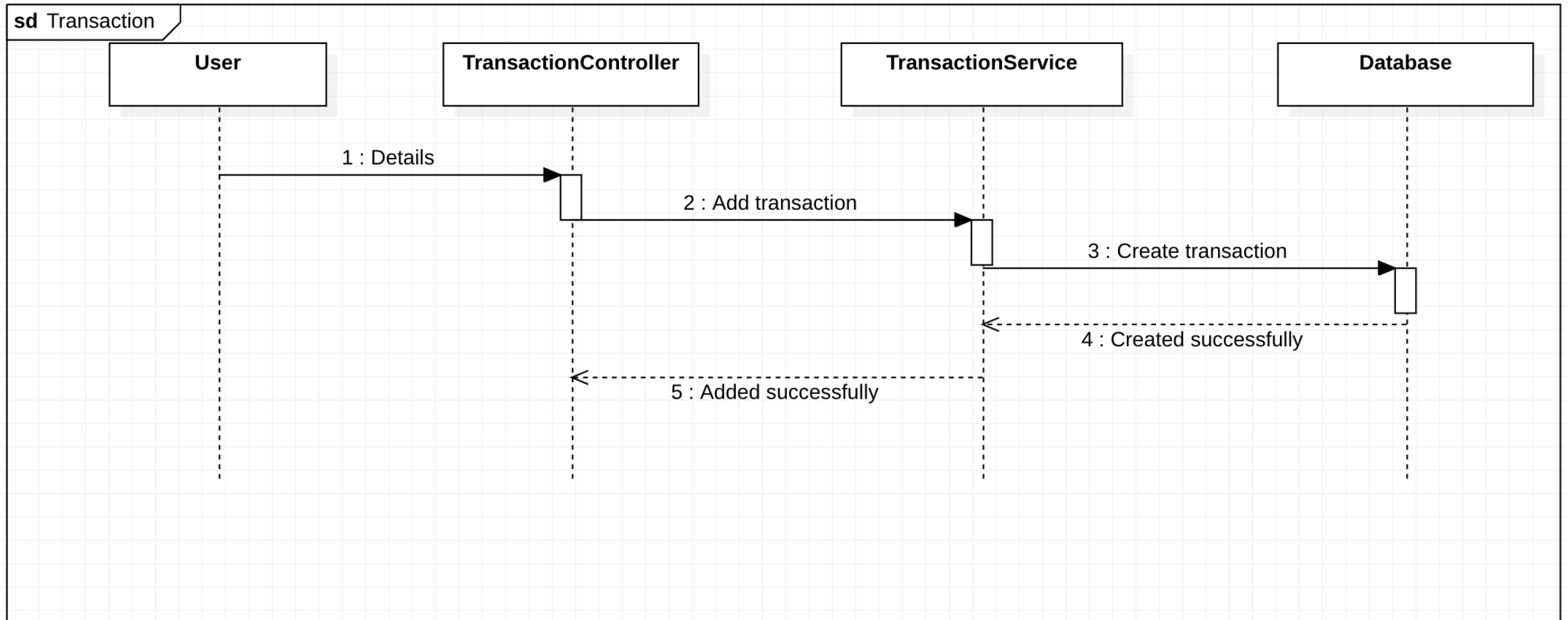
# Sequence Diagram for Bills



# Sequence Diagram for Budgets



# Sequence Diagram for Transactions



Demo





# Best Practices Adopted



# Best Practices Adopted

- Utilized the Material UI Component library
- Security and Authentication
  - Validate User Inputs
- Clean Code principles
  - Object-Oriented Design
- Modularization

# Key Learnings



# Key learnings

- ✓ Tech stack (Spring, Java, React, SQL, Postman)
- ✓ Debugging
- ✓ Sticking to the timelines
- ✓ Importance of teamwork
- ✓ Cross collaboration

# Future Scope



## Future Scope

- Alerts the user when spend amount is about to exceed allocated budget and upon exceeding as well
- The user can also submit feedbacks for improving this application.
- We will integrate it to real time UPI transactions

# Q & A



