

Group Name: TiTechnics

Software Construction and Development

Deliverable 02

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Software Requirement Specification Document

Personal Finance Tracker

1. Use case diagram

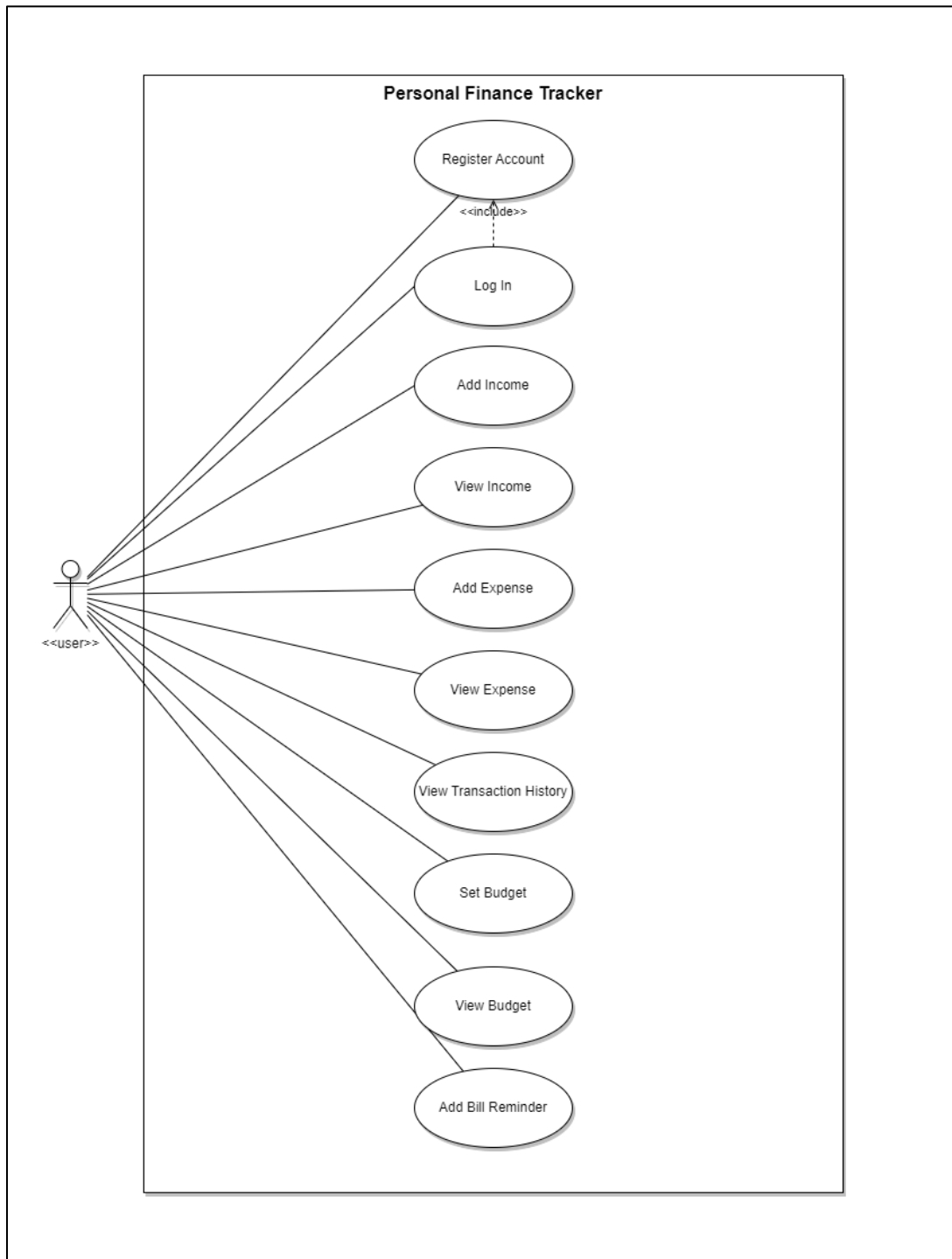


Figure 1 Use Case Diagram

2. Class diagram

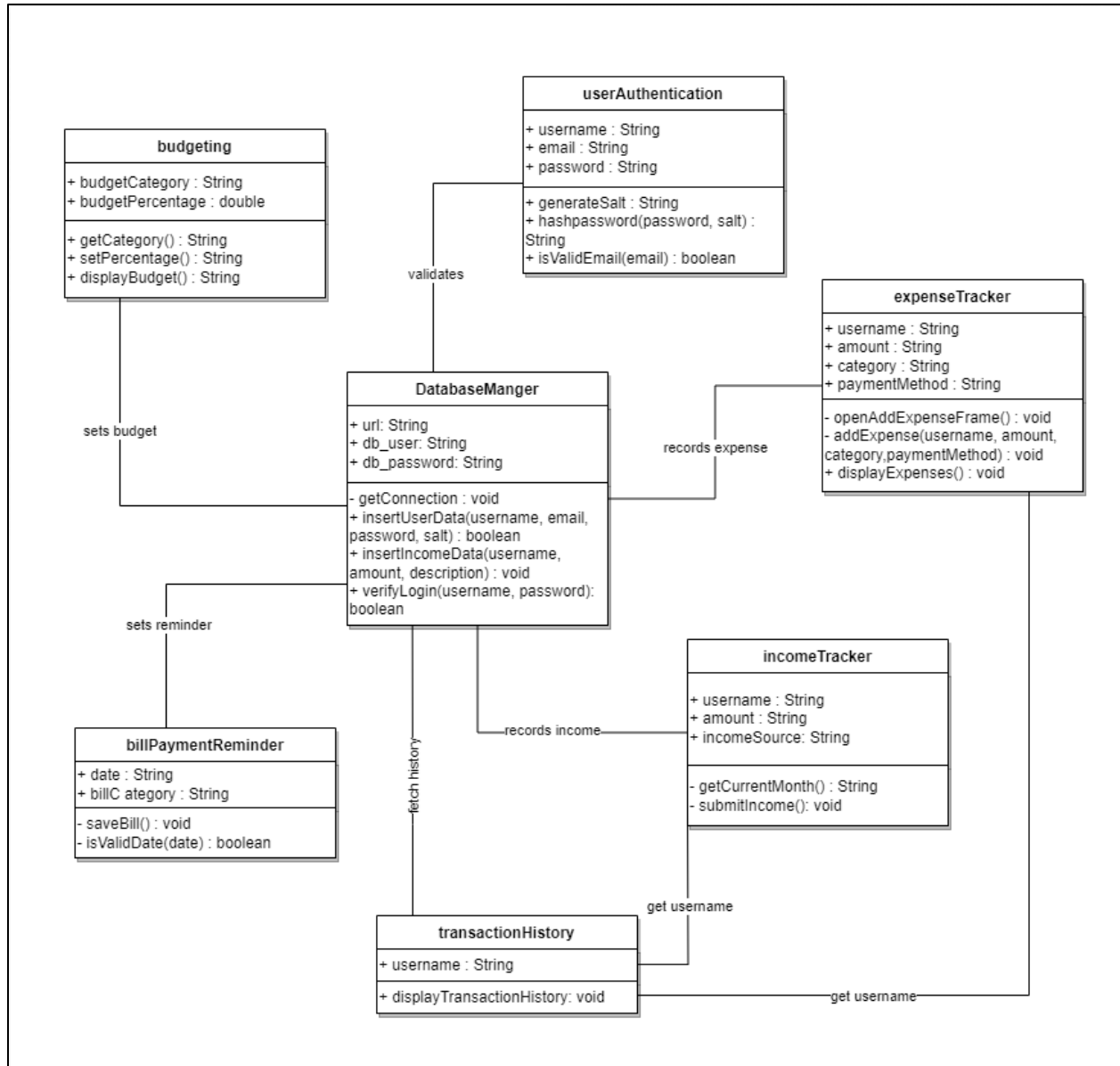


Figure 2 Class Diagram

3. Package diagram:

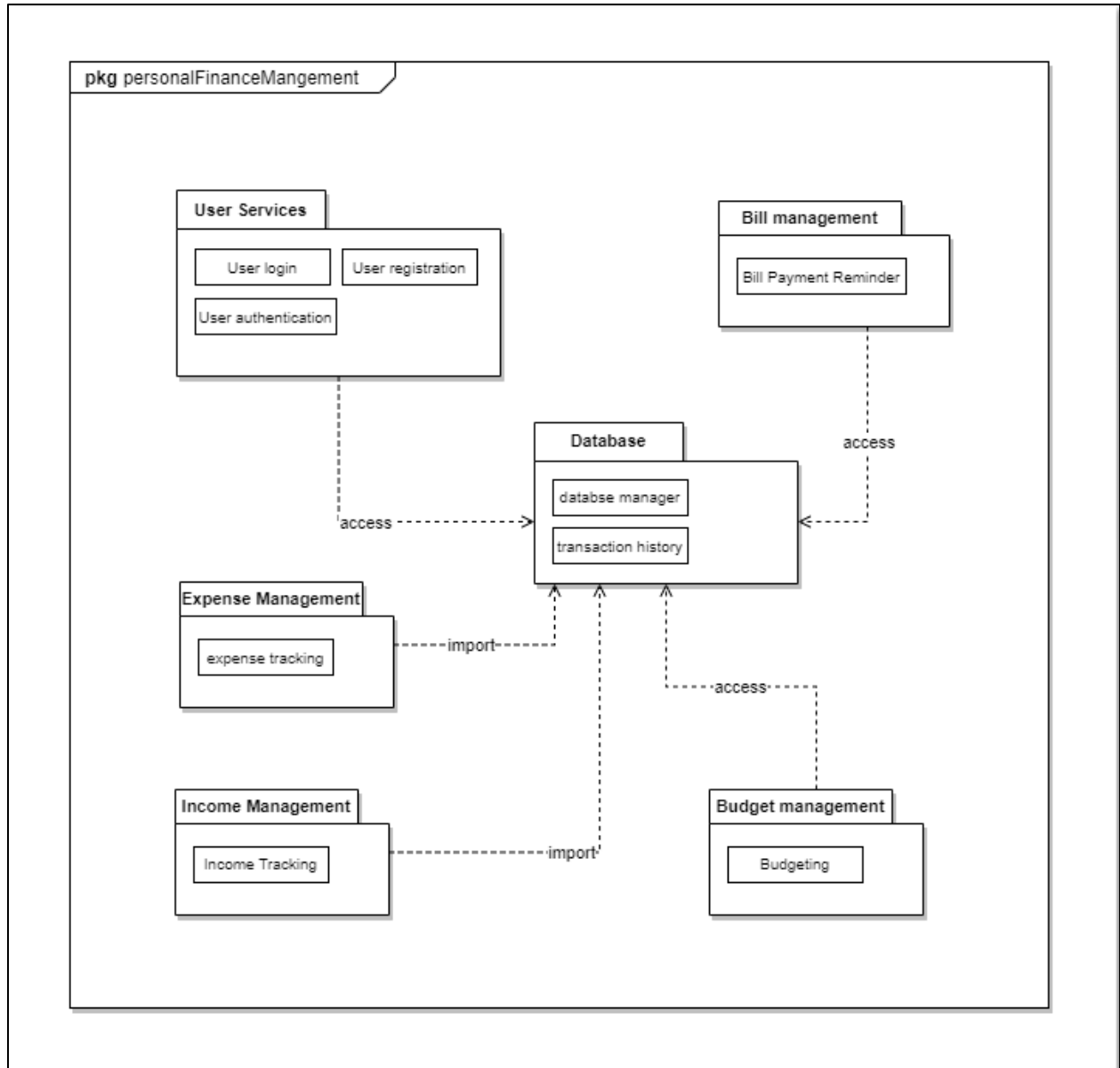


Figure 3 Package Diagram

4. Timing Diagram:

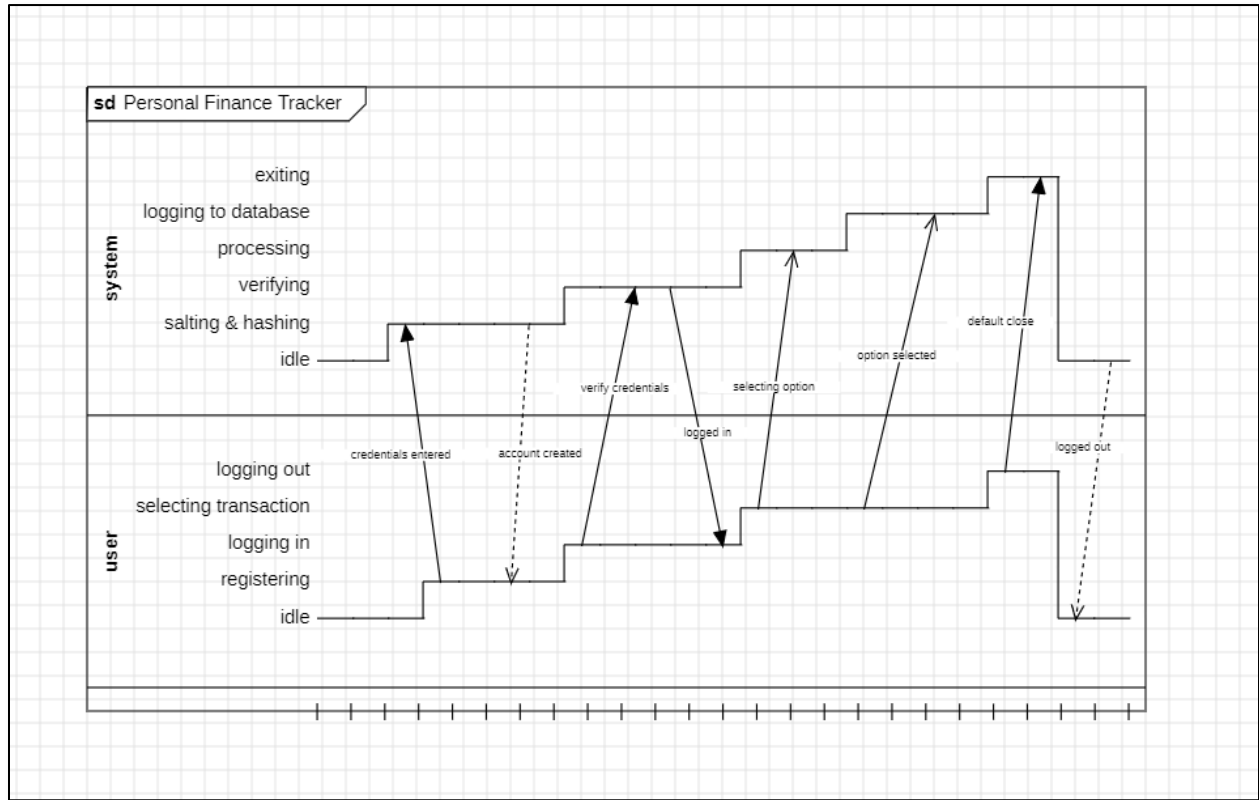


Figure 4 Timing Diagram

5. Object Diagram:

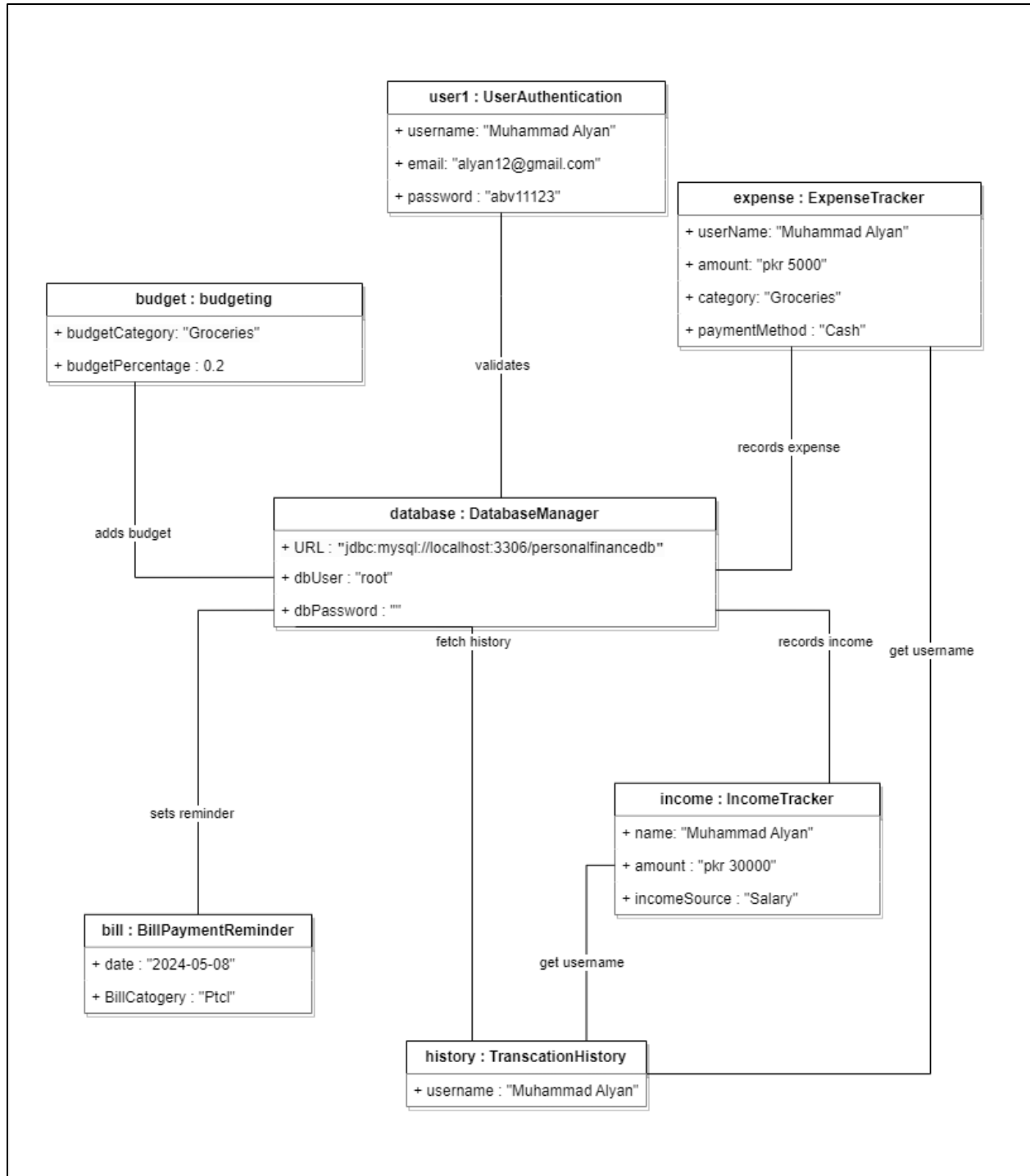


Figure 5 Object Diagram

6. Communication Diagram

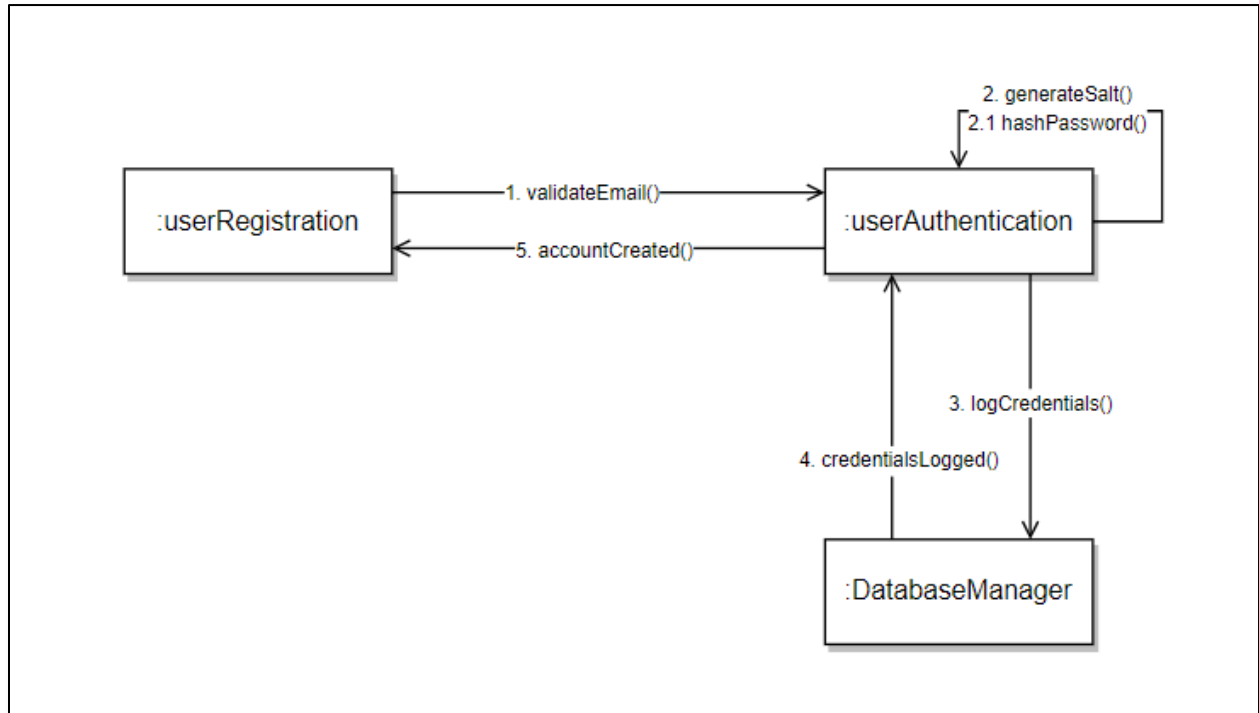


Figure 6 User Registration Communication

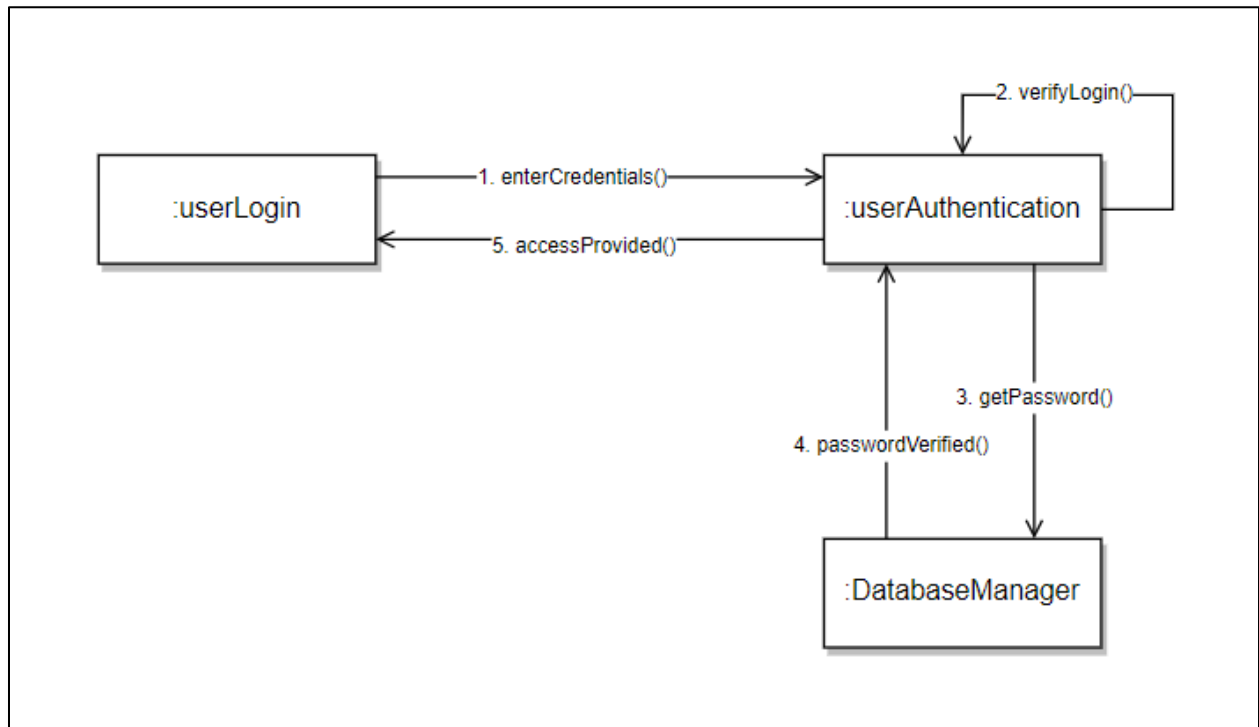


Figure 7 User Login Communication

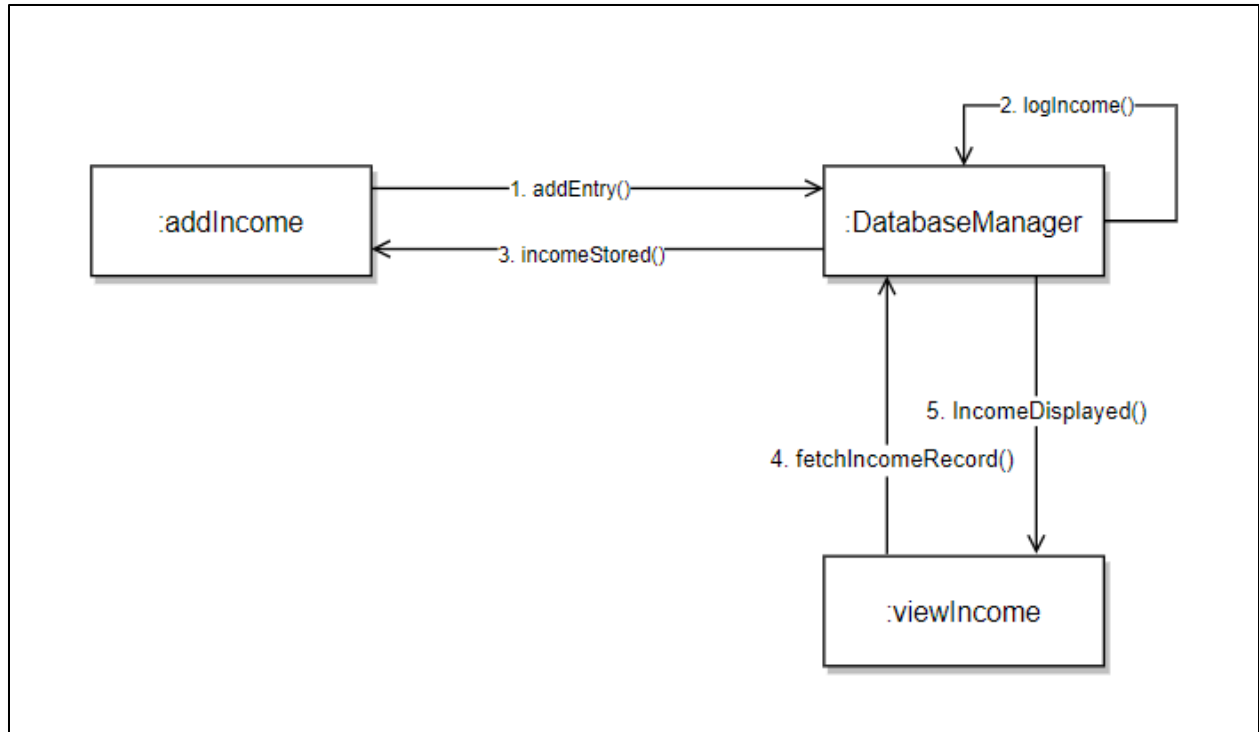


Figure 8 Add Income Communication

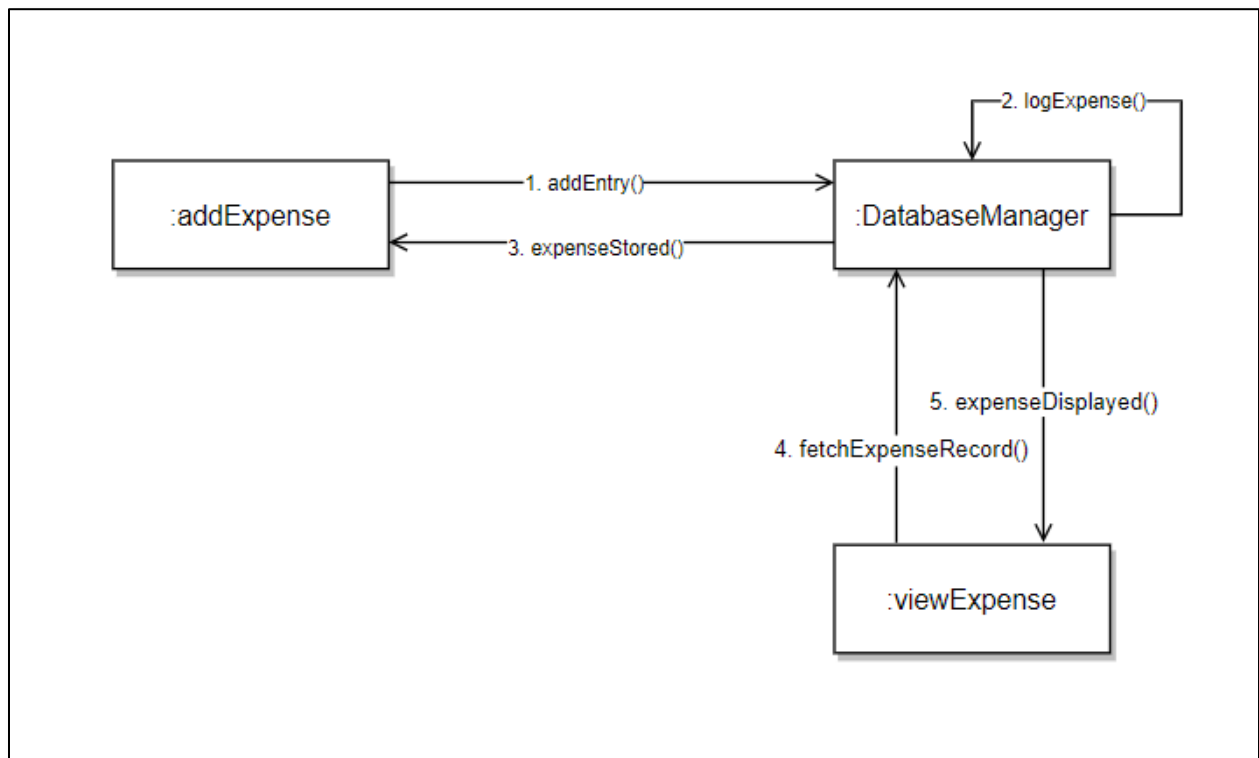


Figure 9 Add Expense Communication

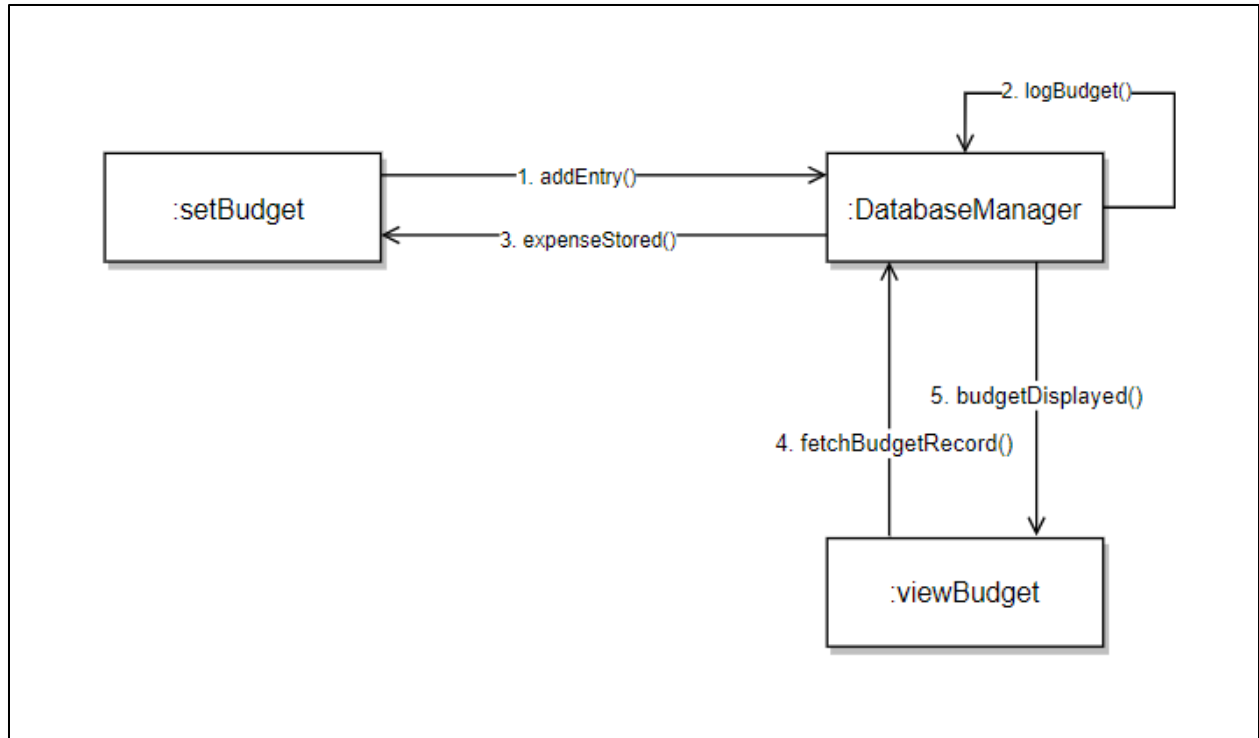


Figure 10 Set Budget Communication

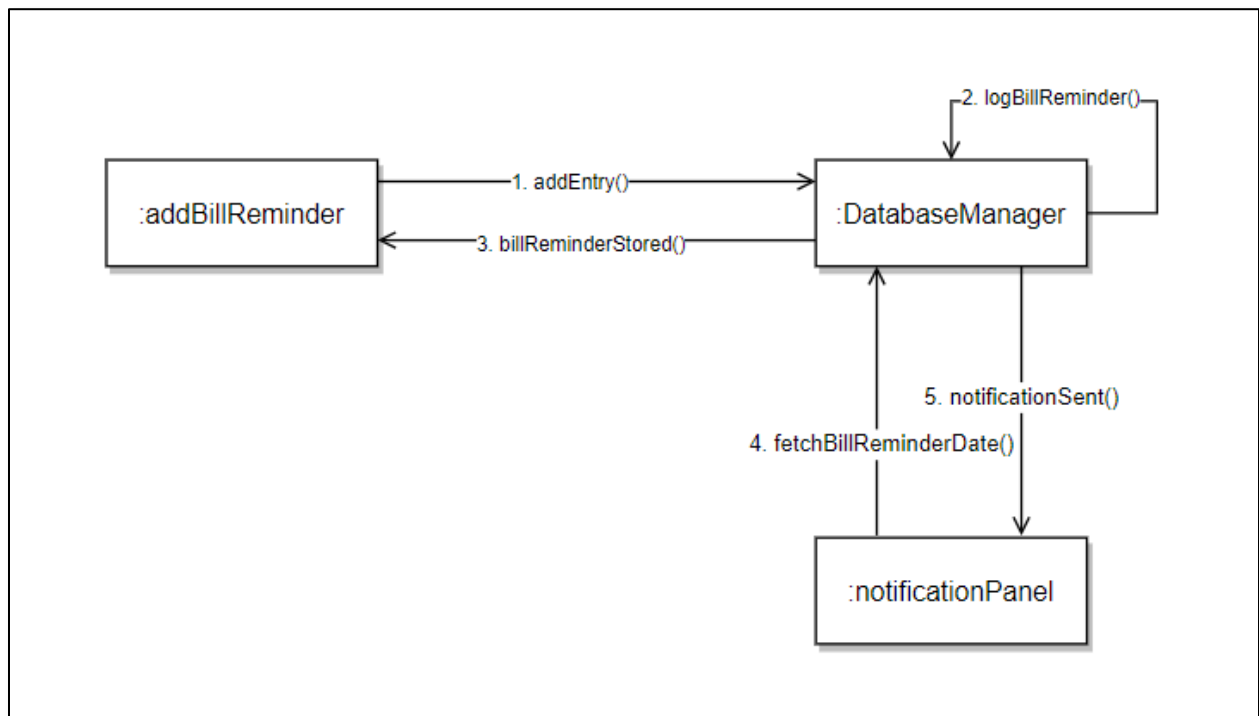
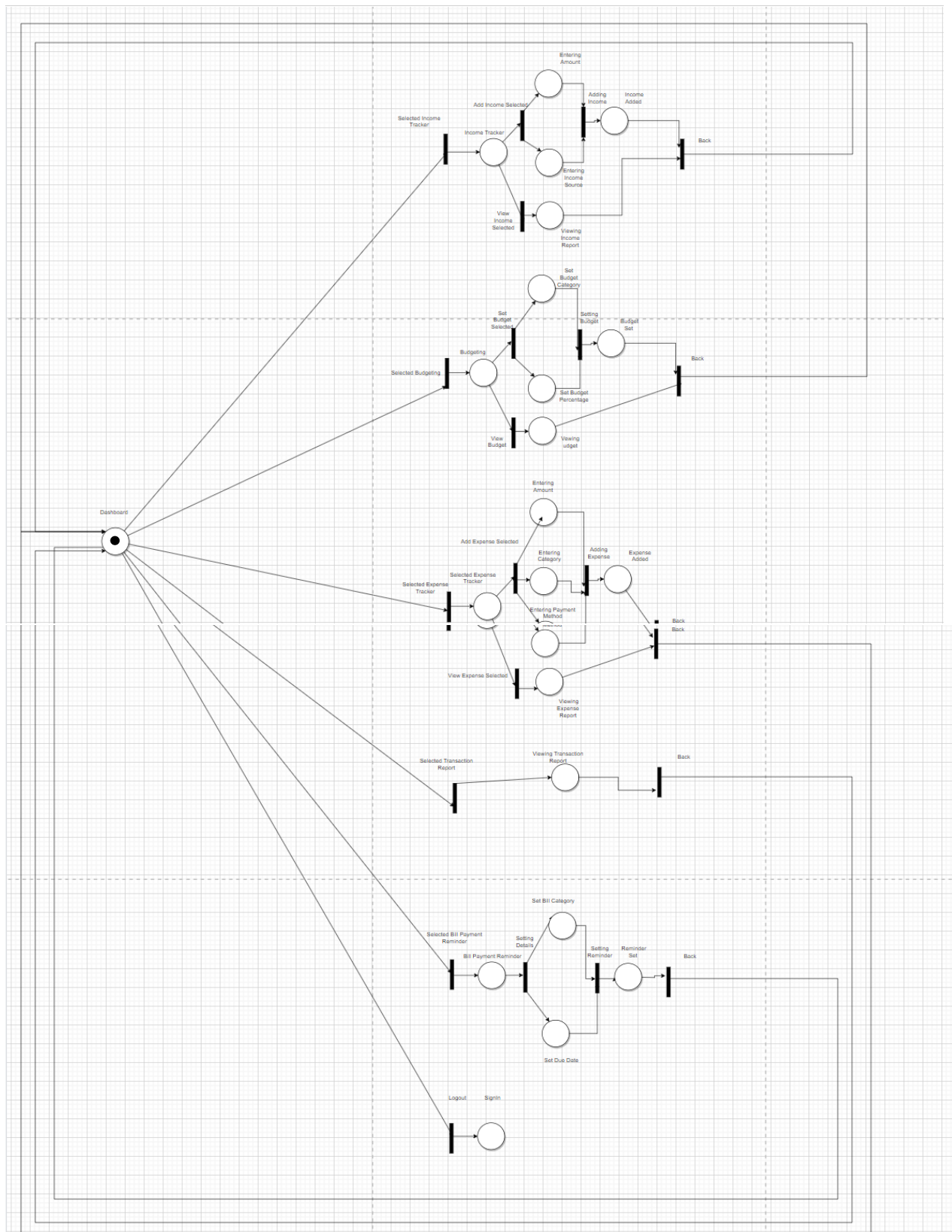
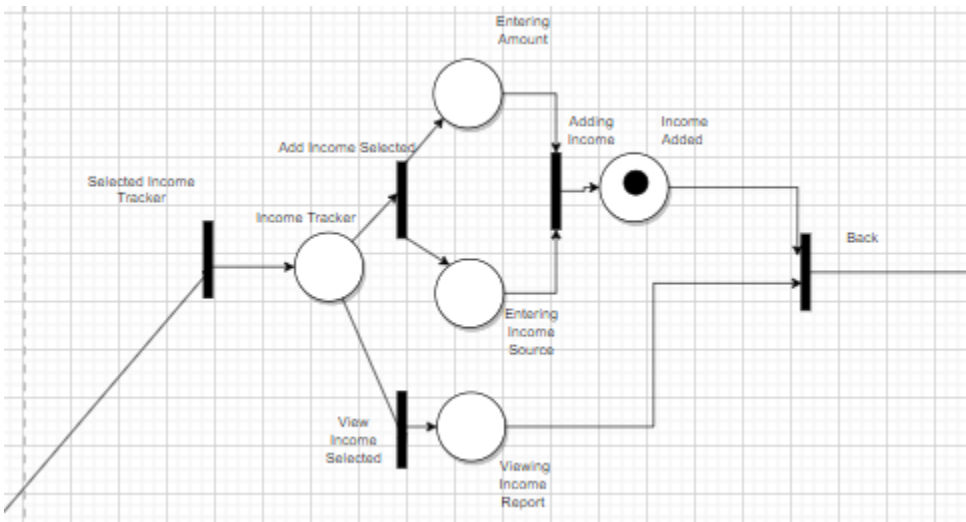
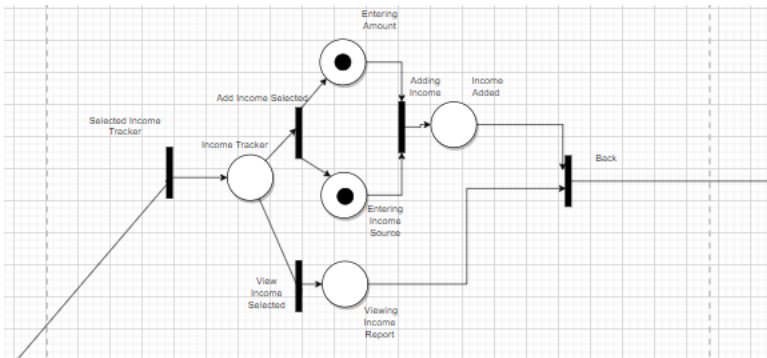
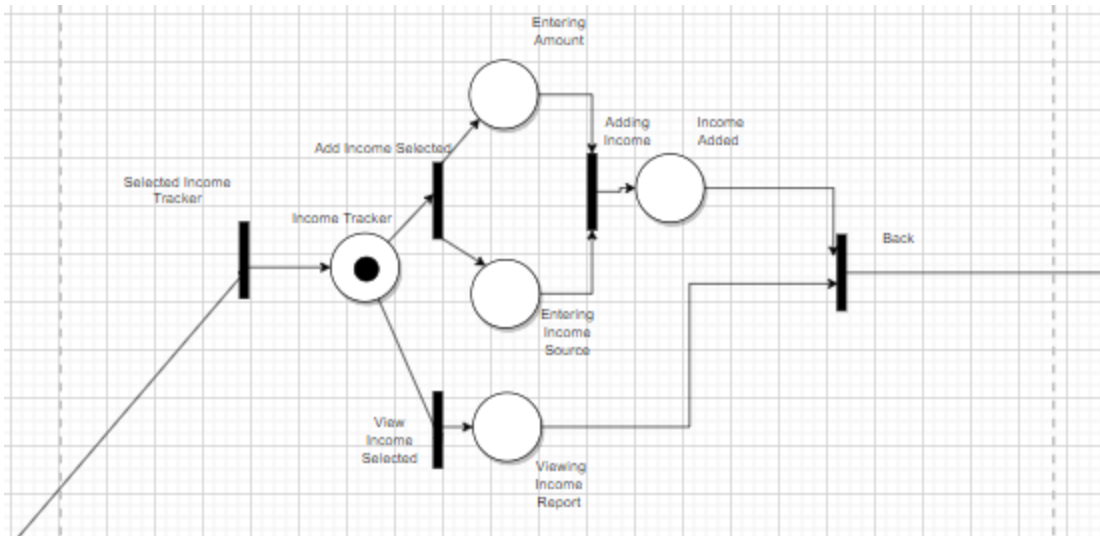


Figure 11 Add Bill Reminder Communication

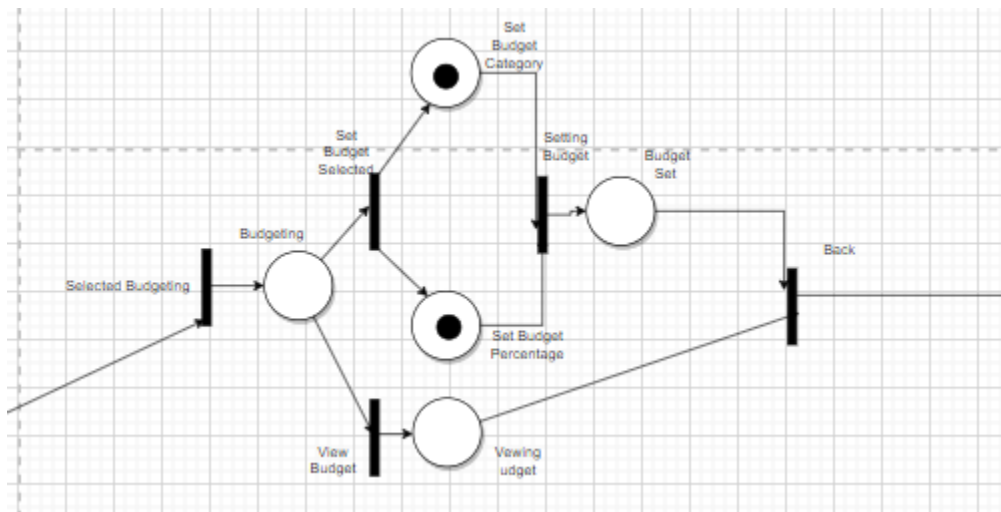
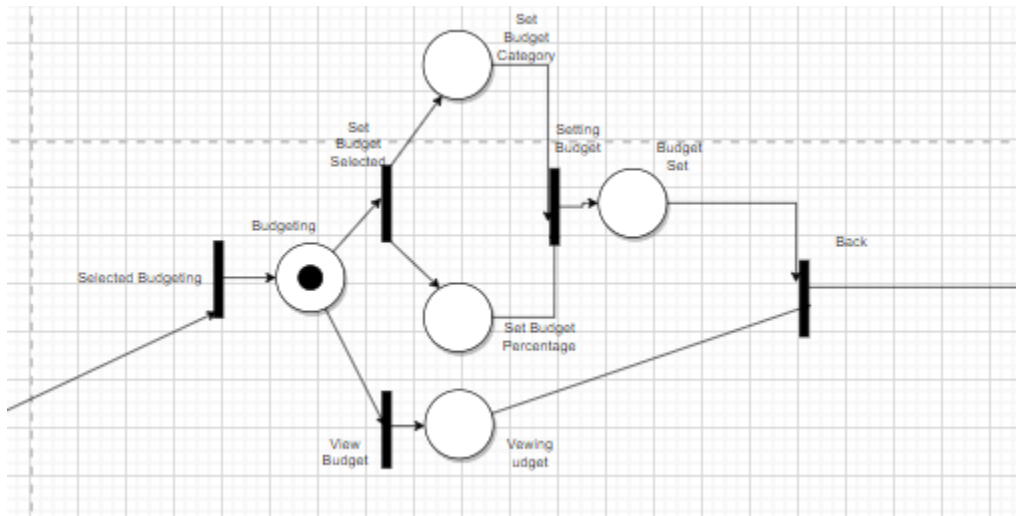
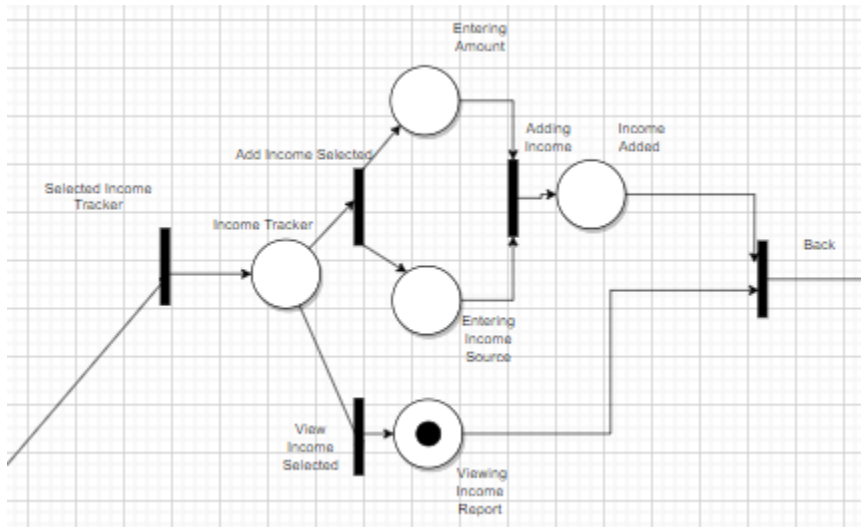
7. Petri-nets:



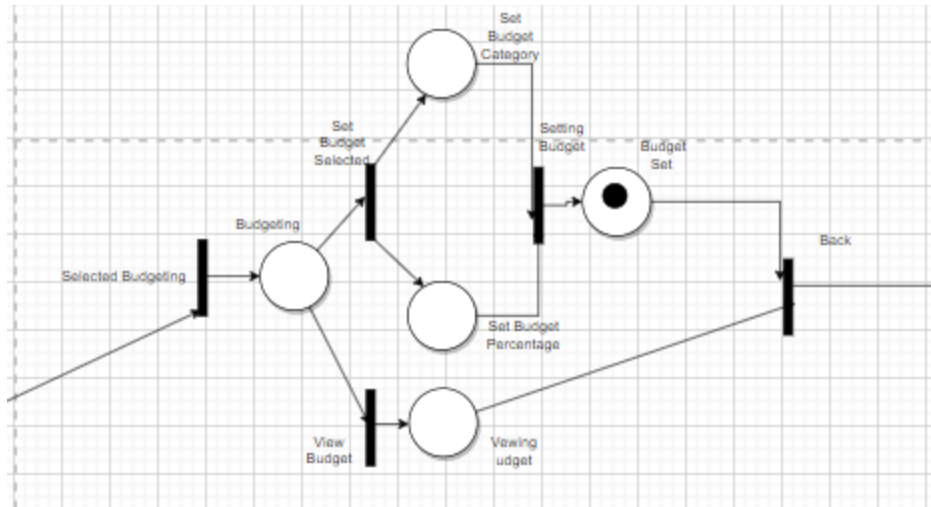
Personal Finance Management



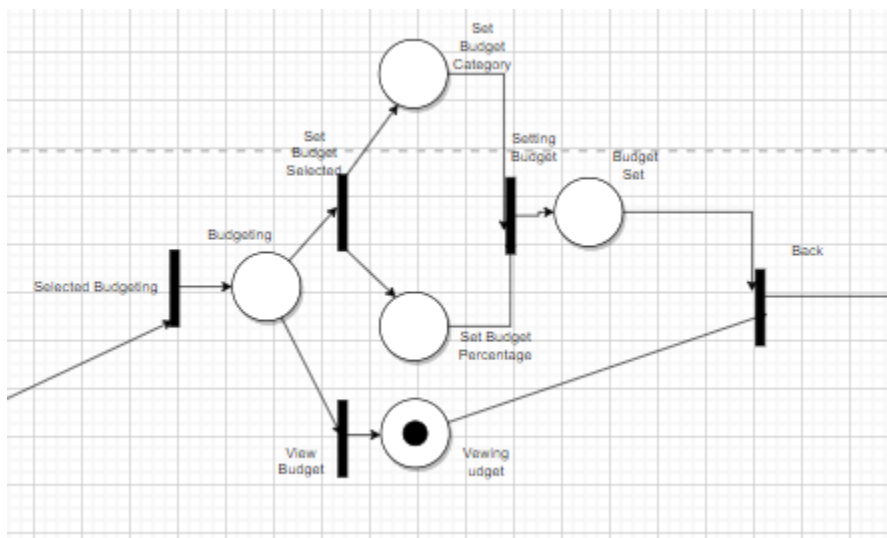
Alternate transition



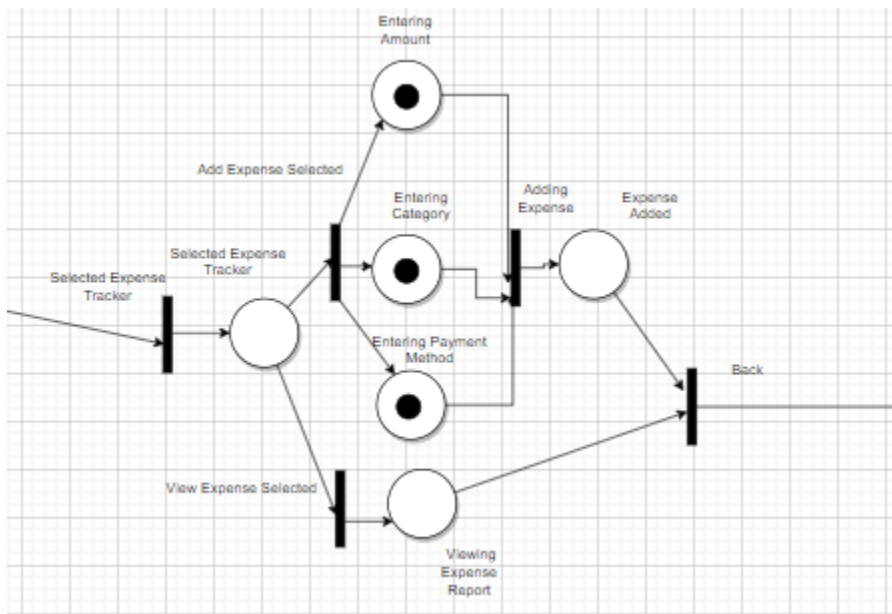
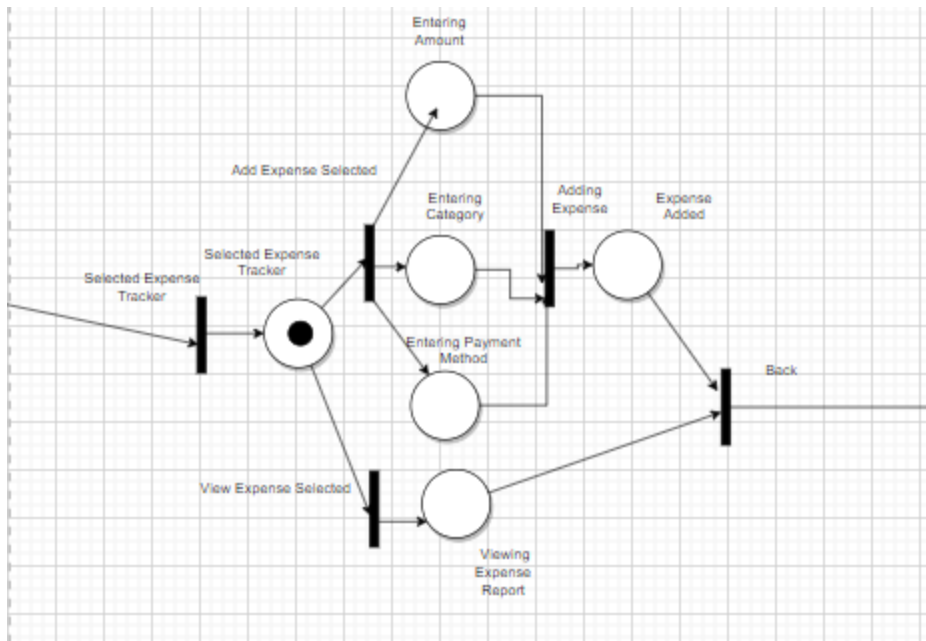
Personal Finance Management



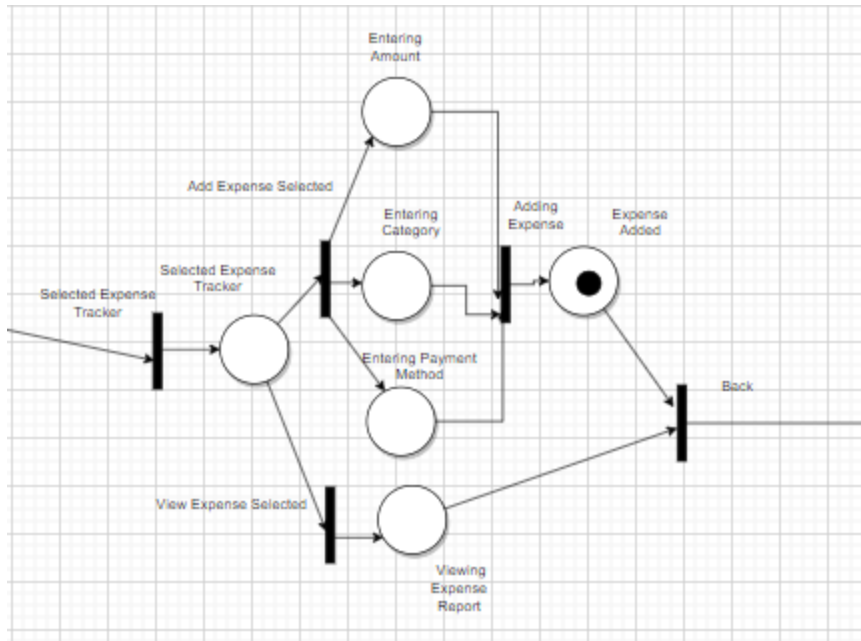
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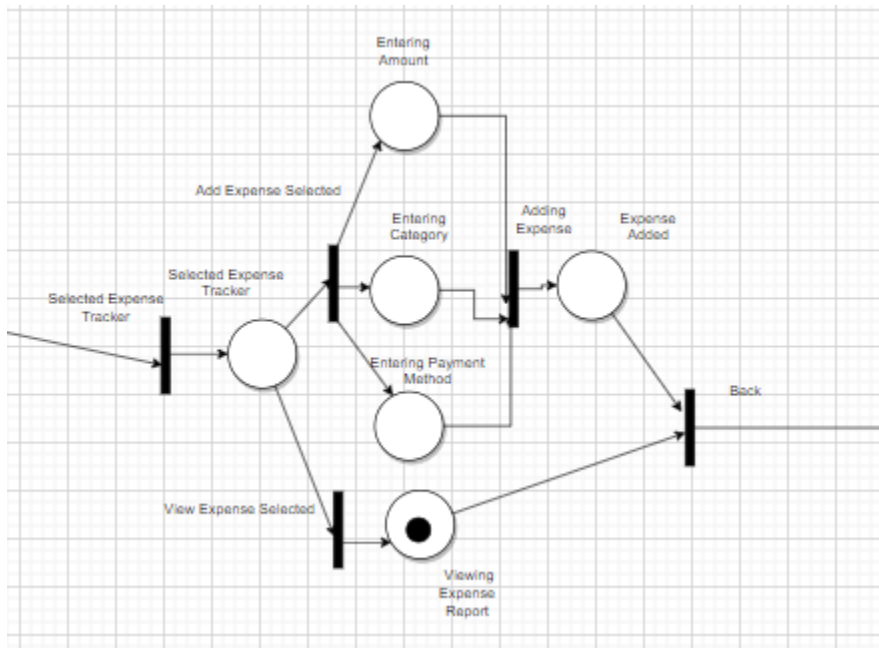
Personal Finance Management



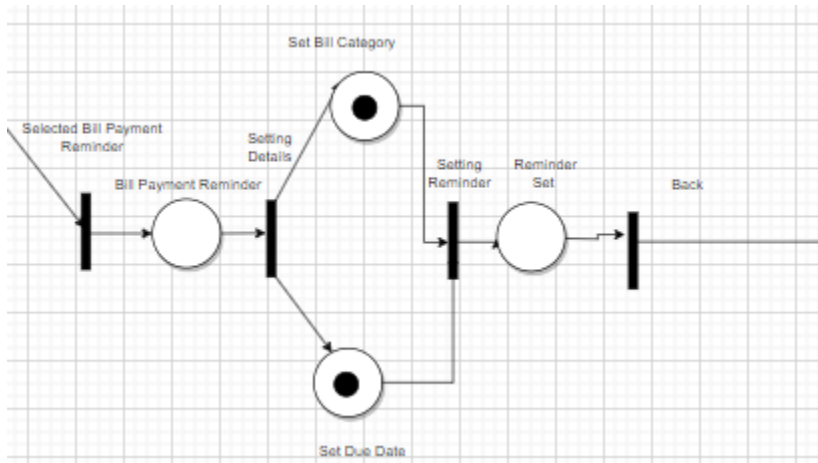
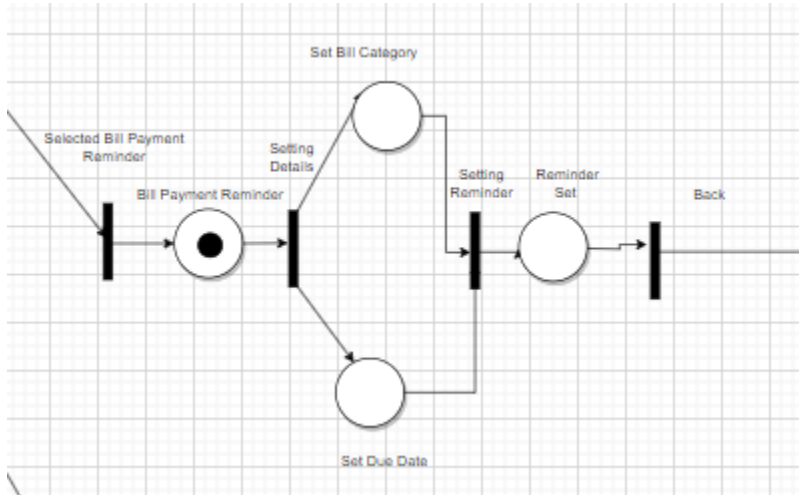
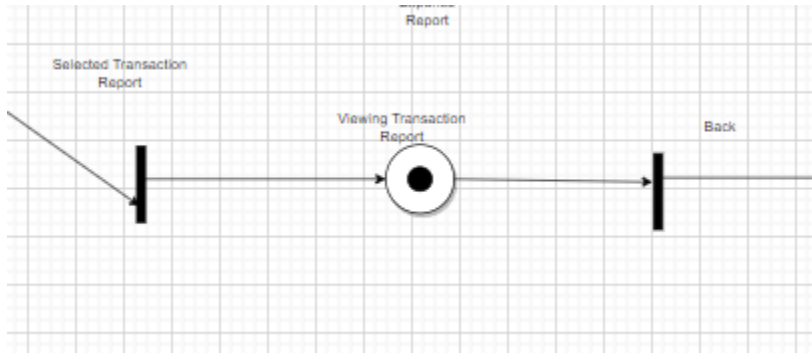
Personal Finance Management



Alternate transition:



Personal Finance Management



Personal Finance Management

