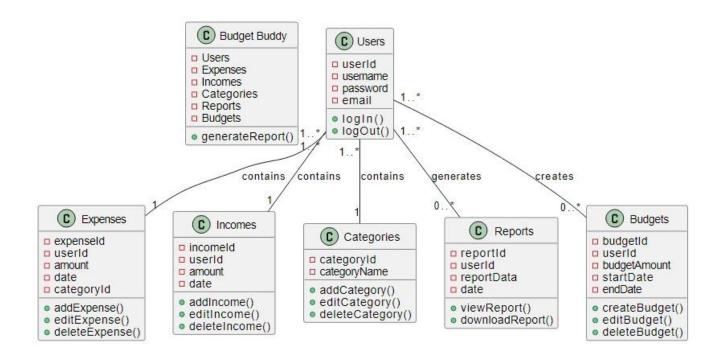
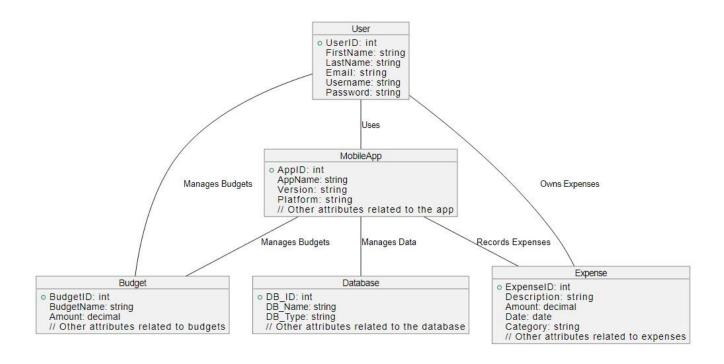


Class Diagram



Object Diagram



Use Case Diagram "Manages Personal Income and Expenses" "Manages Family Finances" "Customizes Expense and Income Categories" "Views Visual Reports and Insights" "Categorizes Income and Expenses" "Sets Reminders for Upcoming Payments" "Shares Expenses Among Users" "Adds Additional Details to Expenses" "Compares a Single Category Over Time"

"Enters Real-Time Income and Expenses"

"Backups and Restores Data"

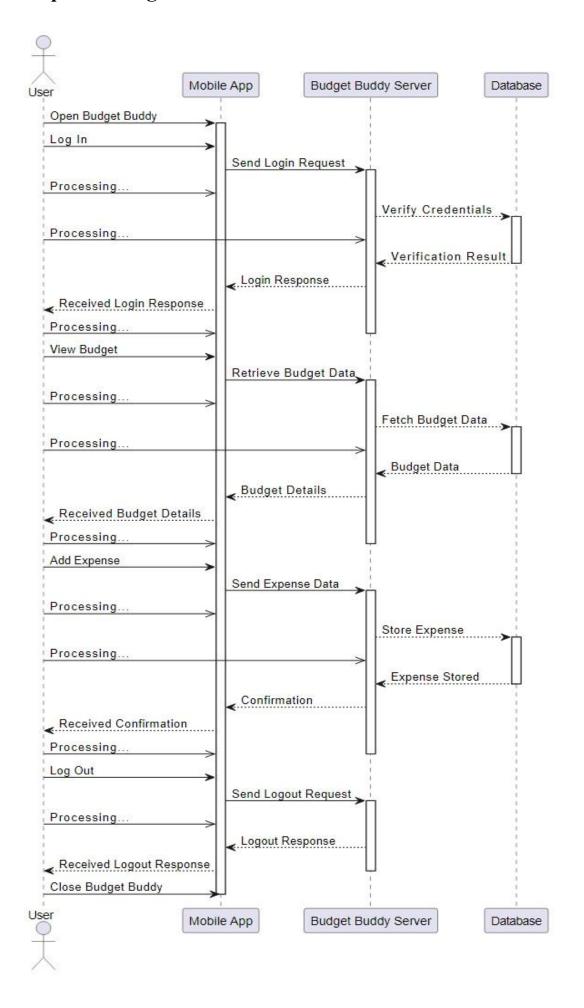
"Syncs Offline Entries with Backup"

"Generates Reports for Expense or Income"

"Makes Direct Payments from the Application"

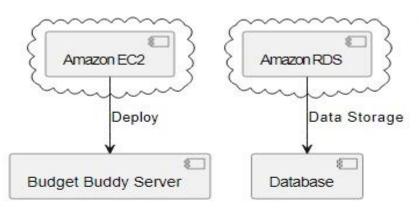
Activity Diagram Login to Budget Buddy Login Successful? View Dashboard Show Error Message Manage Budget? yes Select Budget Category View Category Transactions Manage Transactions? Add Income or Expense Valid Transaction? Update Budget Show Error Message Transaction Affects Savings? Update Savings Generate Budget Reports Log Out

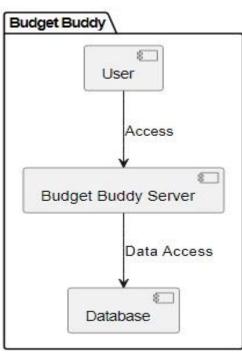
Sequence Diagram



State Chart Diagram User is not logged in User returns to the dashboard

Component Diagram





Deployment Diagram

