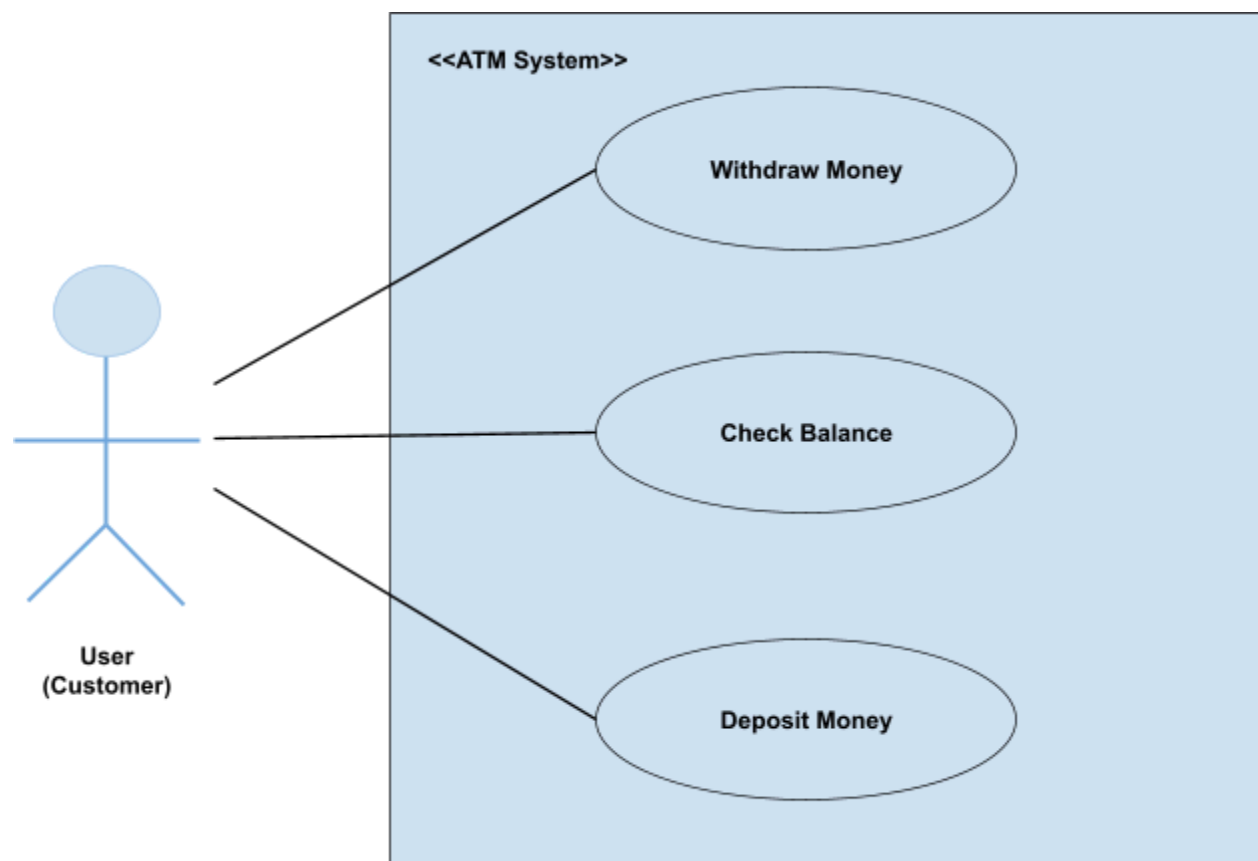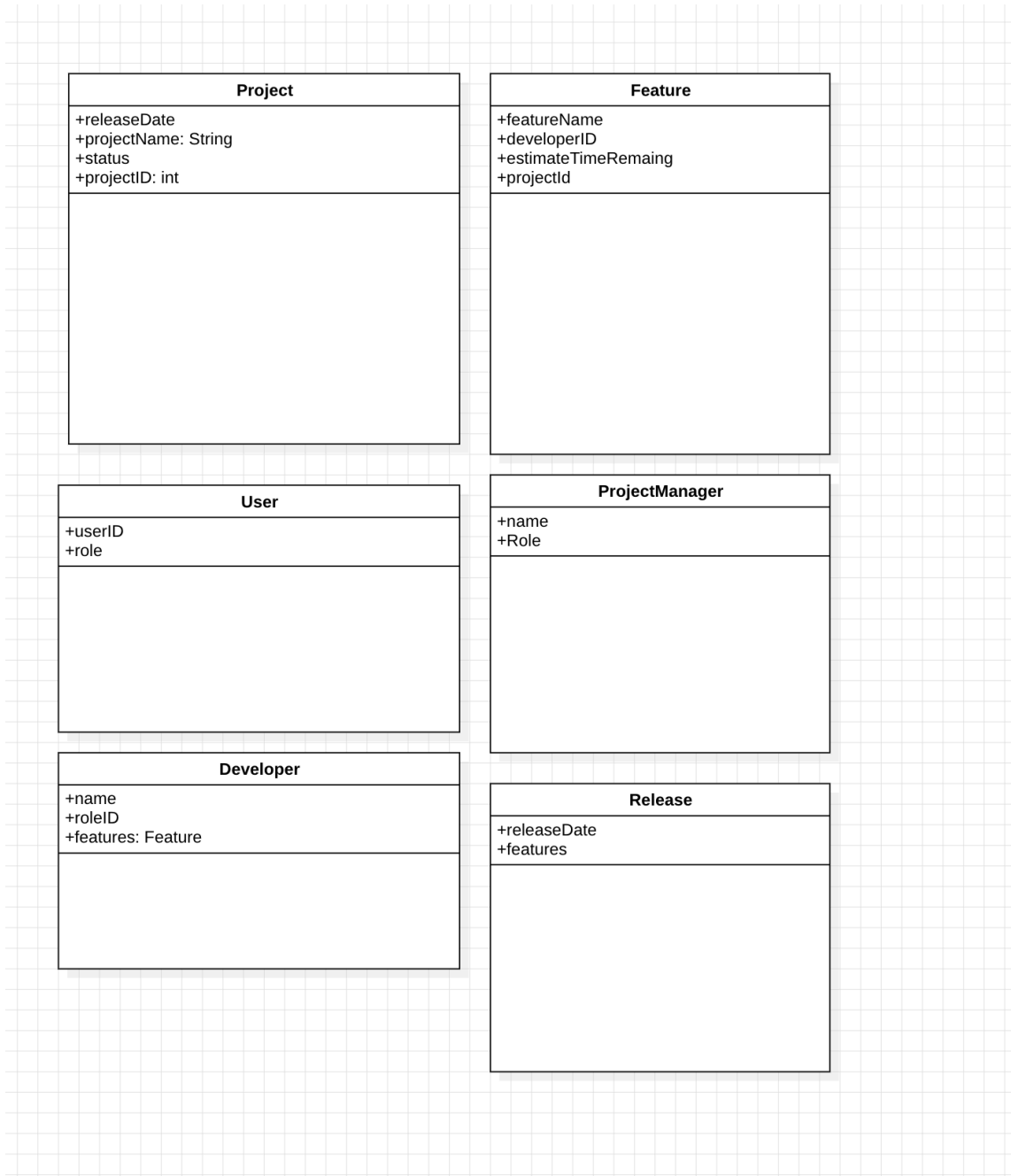5Problem 1 solution:

User Action	System Response
1. User types in PIN into the main screen	1. System checks validity of PIN and presents options to user on another screen
2. User selects "Withdraw Money" option	2. System asks user to enter the withdrawal amount
3. User enters withdrawal amount	3. System checks if sufficient balance is available
4. User confirms the translation	4. System dispenses money and updates account balance
5. User chooses whether to print a receipt	5. System prints the receipt if chosen, then displays an option to perform another action or exit.
6. User ends session	6. System displays a goodbye message and ejects the card.

Problem 2 solution:

3. The Project Management Tracking System

Project
+releaseDate
+projectName: String
+status
+projectID: int

Feature
+featureName
+developerID
+estimateTimeRemaing
+projectId

User
+userID
+role

ProjectManager
+name
+Role

Developer
+name
+roleID
+features: Feature

Release
+releaseDate
+features

4. Properties Management System

Classes:	Properties
Properties	Rent
Houses	Address, LostSize, Rent
Condominiums	Address, Floors, Rent
Trailers	Trailer Park, Rent

```
                        ┌─────────────────┐
                        │   Properties    │
                        ├─────────────────┤
                        │      Rent       │
                        └─────────────────┘
                         /       |        \
                        /        |         \
        ┌──────────────┐  ┌───────────────┐  ┌──────────────┐
        │    House     │  │  Condominium  │  │   Trailer    │
        ├──────────────┤  ├───────────────┤  ├──────────────┤
        │   Address    │  │    Address    │  │              │
        │   Lot Size   │  │    Floors     │  │ Trailer Park │
        │    Rent      │  │    Rent       │  │    Rent      │
        └──────────────┘  └───────────────┘  └──────────────┘
```