CS401-2024-09A-09D-01 Modern Programming Practices

LAB 1

August 2nd, 2024

Group 4

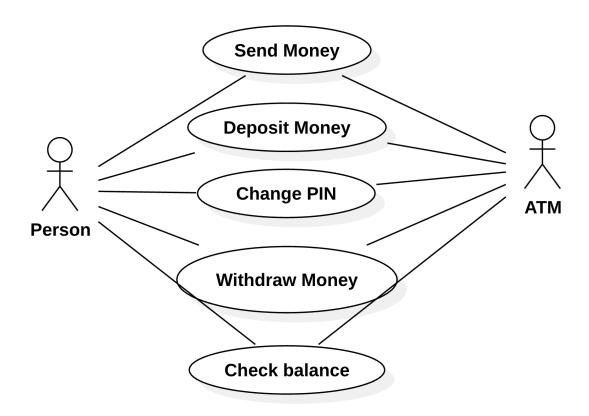
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Question 1

Sr. No.	User Action	System Response
1	User types in their PIN on the main screen.	The system checks the PIN and, if it's correct, shows a screen with different options, like "Withdraw Money," "Check Balance," etc.
2	User selects the "Withdraw Money" option.	The system shows a list of accounts, such as "Checking" or "Savings," and asks which account the user wants to withdraw from.
3	User chooses the account they want to withdraw from.	The system then asks the user to enter the amount they want to withdraw.
4	User types in the amount they want to withdraw (e.g., \$100).	The system checks if there's enough money in the account and that the amount is within the daily withdrawal limit.
5	User confirms they want to go ahead with the transaction.	The system processes the request, and cash is dispensed from the machine.
6	User takes the cash from the dispenser slot.	The system asks if the user wants a receipt and shows "Yes" or "No" options on the screen.
7	User decides whether to take a receipt or not (e.g., selects "Yes").	If the user chooses "Yes," the system prints a receipt. If "No," it skips printing.
8	User takes the card, receipt (if requested) and cash, then walks away.	The system displays a "Thank you for using our services" message and logs the user out, returning to the welcome screen.

Question 2



Question 3

Manager

- +managerld: String
- +name: String +email: String
- +phoneNumber: String +assignedProjects: List<Project>

Project

- +projectId: String
- +projectName: String
- +description: String
- +features: List<Feature> +releases: List<Release>
- +isCompleted: Boolean

Release

- +releaseId: String
- +releaseName: String
- +releaseDate: Date
- +featuresIncluded: List<Feature>
- +projectId: String

Feature

- +featureId: String +featureName: String
- +description: String
- +estimatedTimeRemaining: Double
- +developerId: String
- +projectId: String +isCompleted: Boolean

Developer

- +developerId: String
- +name: String
- +email: String
- +phoneNumber: String
- +assignedFeatures: List<Feature>
- +managerId: String

Question 4

Property -address: String -rent: Double Trailer - Property -trailerParkAddress: String House - Property -lotSize: Double AdminModule - Property -totalRent: Double -propertiesList: List<Property>