Interpreting UML Diagrams

As I go thru these diagrams, I understand the basic concepts. Both of these diagrams represent the use cases of Entering pin, verifying pin, entering cash amounts, dispensing cash and printing receipts. The actors involve are User, ATM and bank. The interactions involve include entering pin, verifying pin, accepting pin, asking amount, checking balance, releasing payment and printing receipt.

These diagrams describe one basic design for this use case. **Analyze the design** by identifying *at least two* deficiencies in the logic or functionality of the current design. Think about ways that you could address these deficiencies to improve the logic or functionality of the design.

One of the deficiencies I found is not checking the balance in the bank and directly releasing money, second one is the ATM should use bank card to verify the information. The diagram should start with Entering bank card either debit or credit and then flow with the information.

Current UML Diagram:

Diagram

Description automatically generated

New UML:

Diagram

Description automatically generated