

Design ATM.

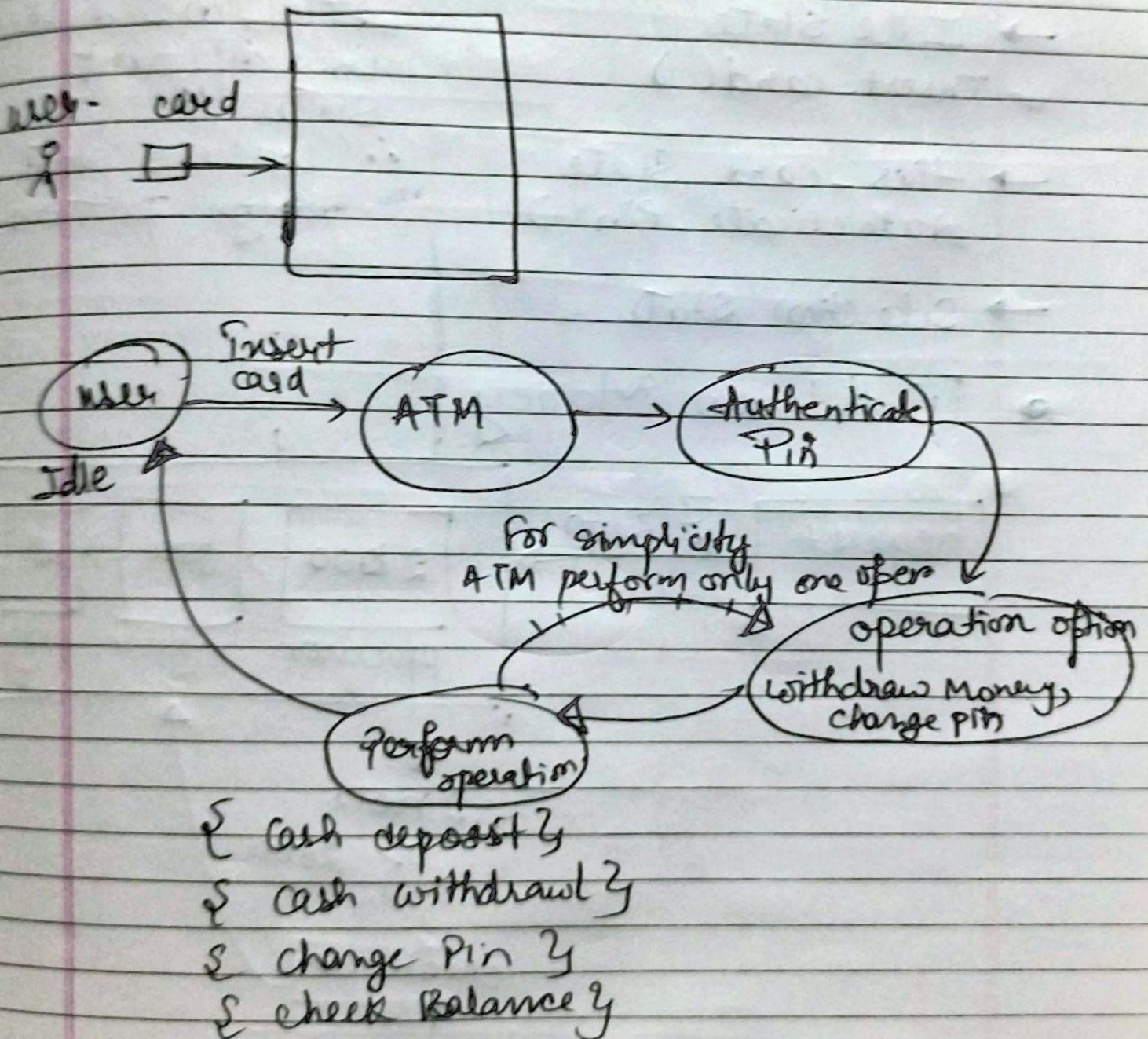
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Design Pattern Used

1. Chain of Responsibility Pattern
2. State design Pattern.

Flow



operations of ATM

- ↳ InsertCard ()
- ↳ Authenticate - Pin ()
- ↳ Select-operation ()
- ↳ perform-operation ()

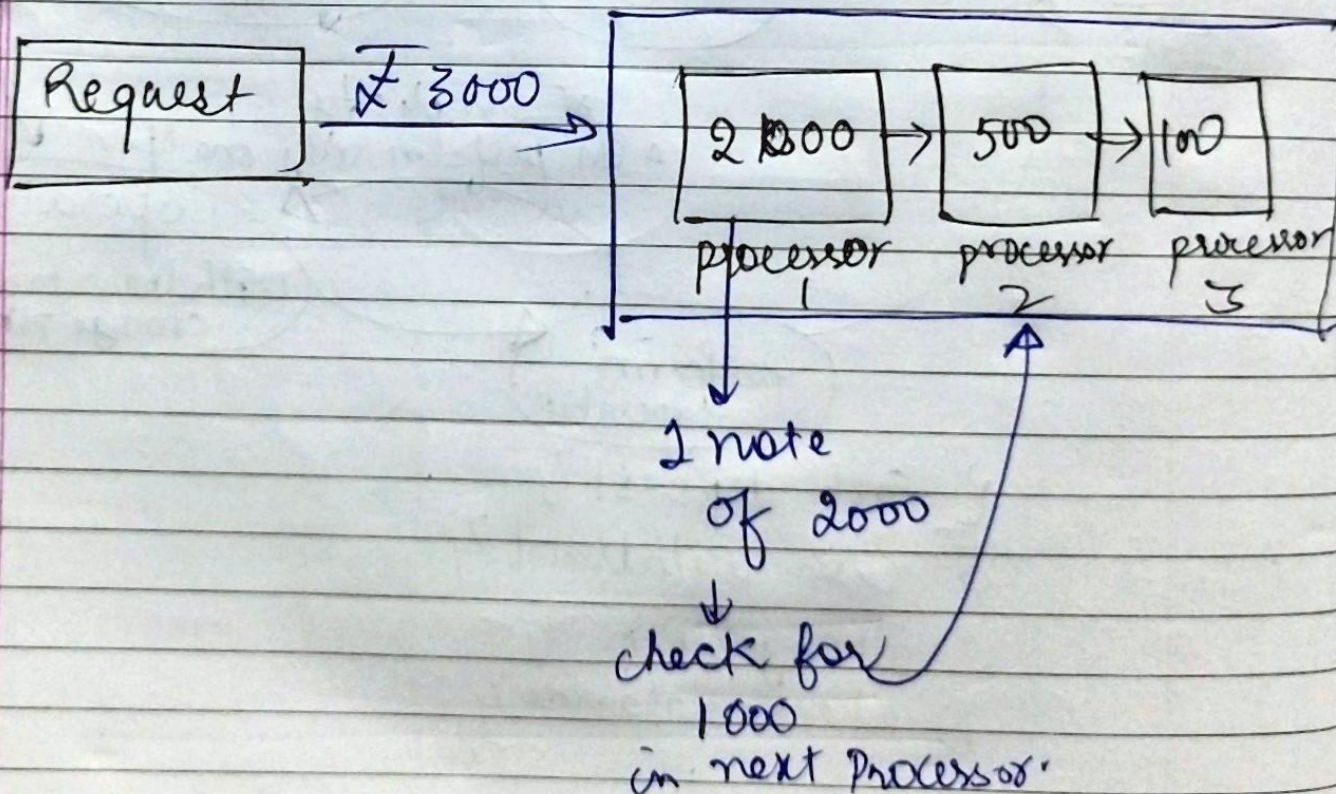
→ Idle state
Insert-card ()

→ Has-card State
Authenticate-Pin ()

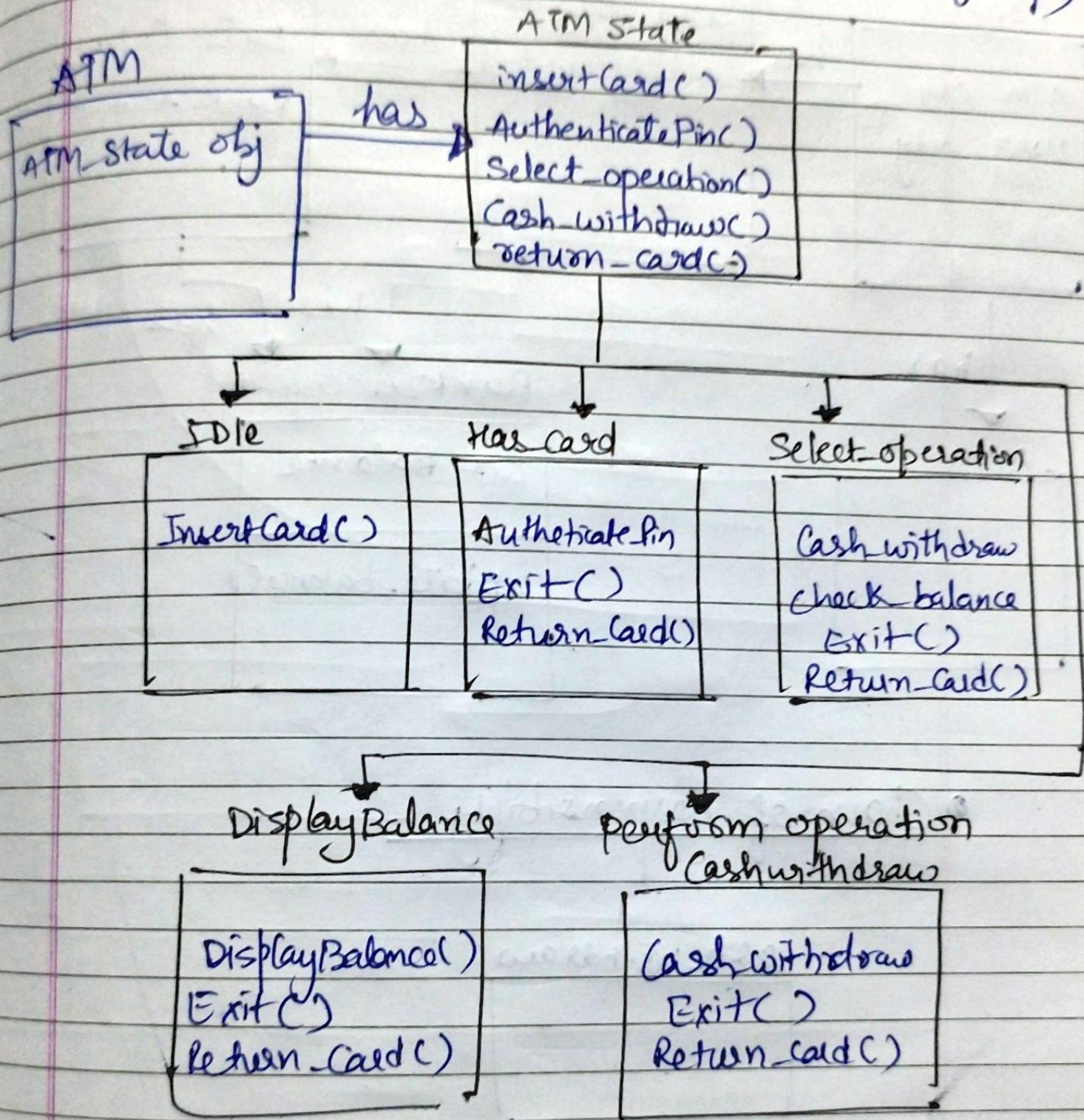
→ Selection State

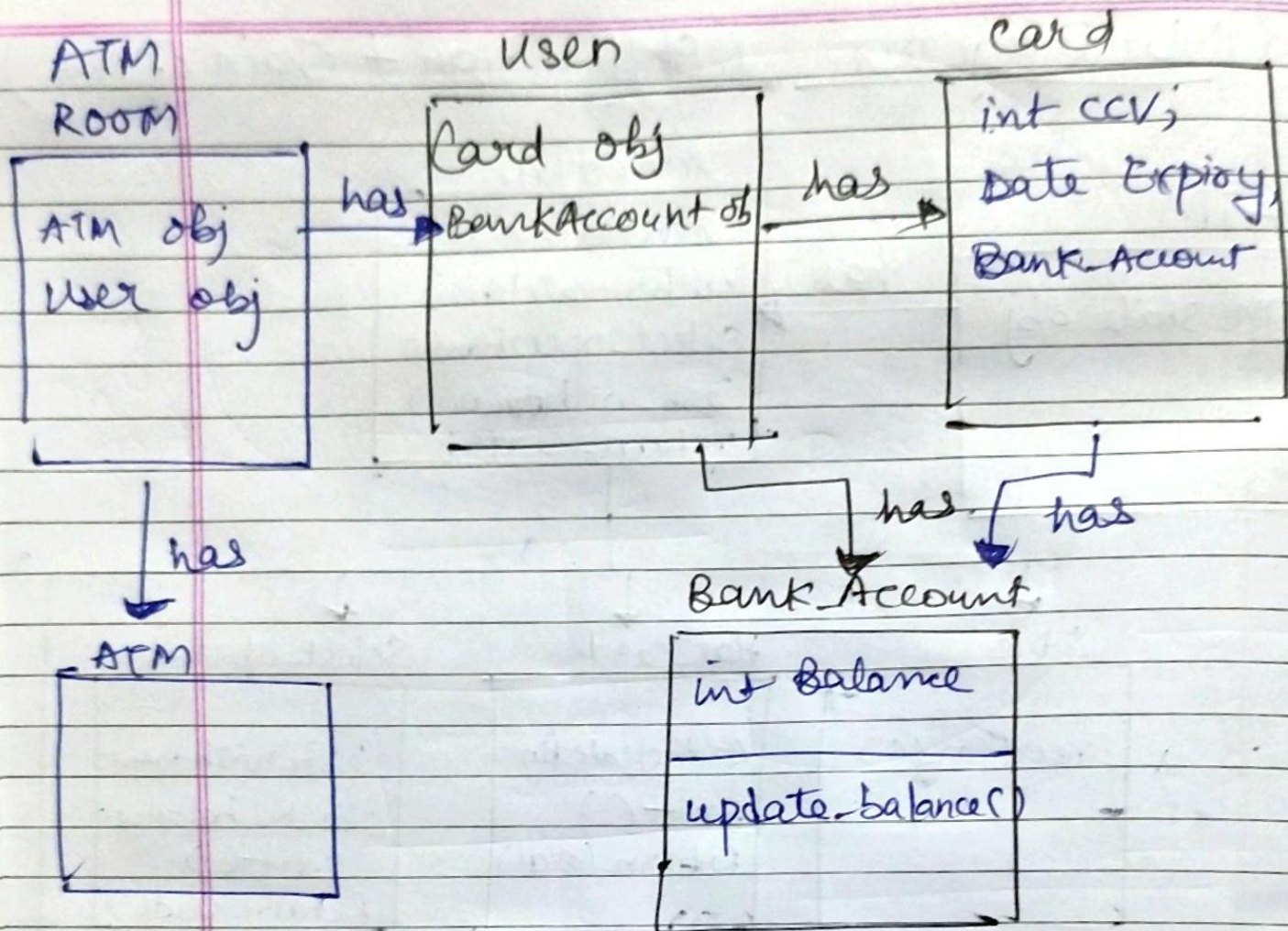
Here operations of ATM are divided in different states
∴ we use state design pattern.

Withdraw Money



UML - Diagramm (State design + Chain of Resp)





• Chain of Responsibility

