

ATM Self Service Area

Cash Withdrawal ● Cash & Check deposit

Software Modeling

A NEW RELIABLE ATM



OOPT STAGE 1000

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**Project
Introduction**

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Requirements

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Objective.



은행에 갈 필요 없이,
현금 입출금, 대출, 환전, 공과금 납부 등
다양한 서비스를 제공



Alternative Solution



소프트웨어 개발 회사에 의뢰



기존의 시스템 구매

EXCESSIVE COST



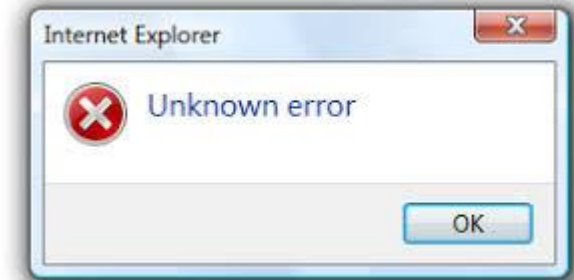
Project Justification



Cost reduction



Time reduction



Risk

RISK MANAGEMENT



Lack of JAVA

→ Java 언어에 관한 책 공부



Lack of UML

→ 수업 후 복습, 의논



Lack of TIME

→ 시험기간을 피해 미리 해놓기



Lack of Sleep

→ 체력 보충은 알아서



FUNCTIONAL.

- Deposit, withdraw, Transfer
- Exchange
- Pay Utility Bill
- Loan
- Check customer's data
- Update server information
- Print error
- Take charge

NON-FUNCTIONAL.

- Stable design that can be driven for 24 hours
- Accuracy of Information



Deposit

withdraw

Exchange

Loan

Transfer

Take Charge

Pay Utility Bill

Check Balance

Input Card/ Bankbook

Take customer's Data

Input money to user's account

takes out money from customer's account

Exchange money

Loan money by Credit Card

send money to others

Take commission from customer

only use cash to pay utility bill

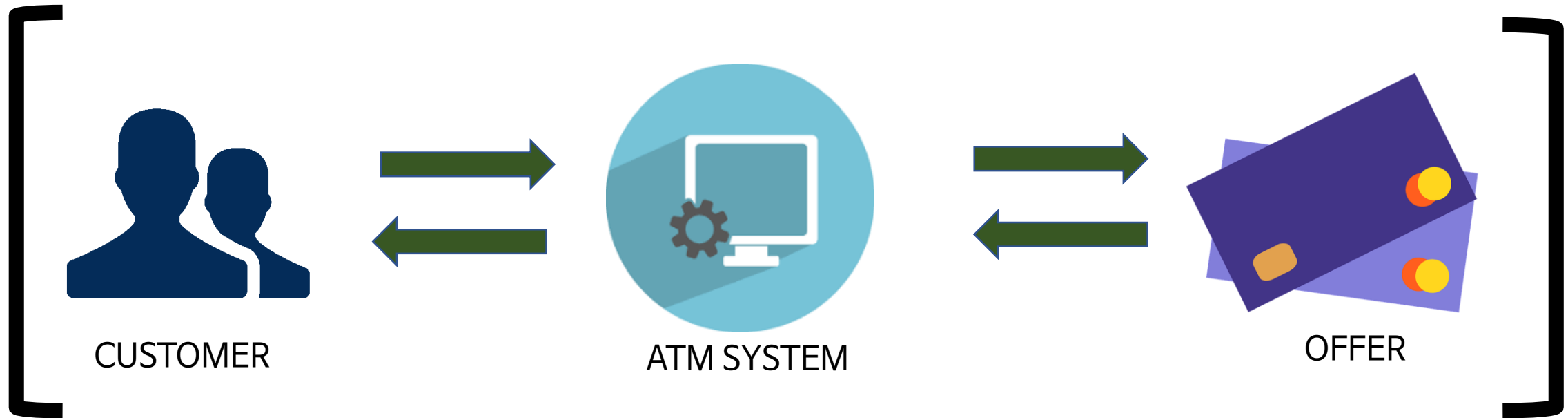
printout account's bankbook record.

Input Card/Bankbook First (Before select menu)

ATM requires customer information from the offer through the customer's account information



System Boundary





actor



withdraw
Loan
Pay utility bill

Deposit
Exchange

Check Balance
Transfer
Input Card/ Bankbook

Deposit
Check Balance
Exchange

Transfer
Check password

Loan
withdraw

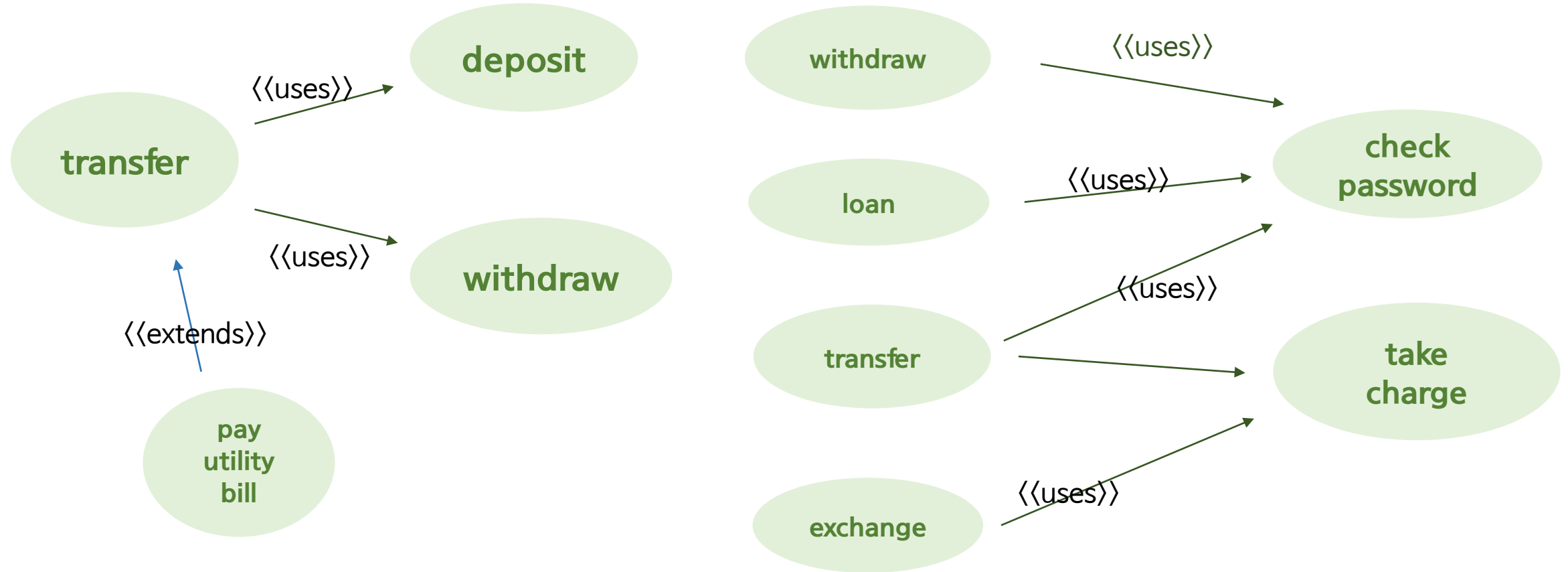
Pay utility bill
Take charge

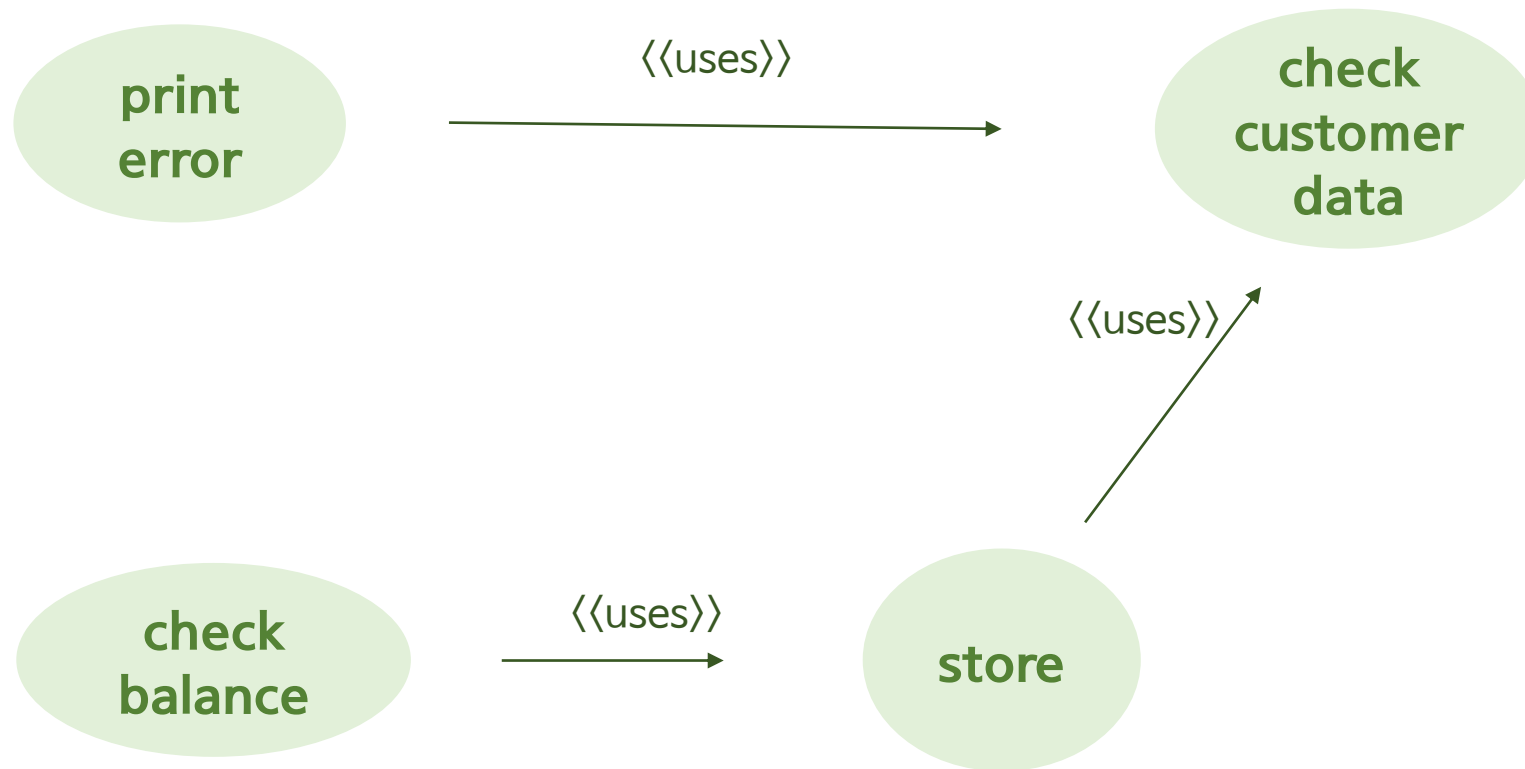
ATM

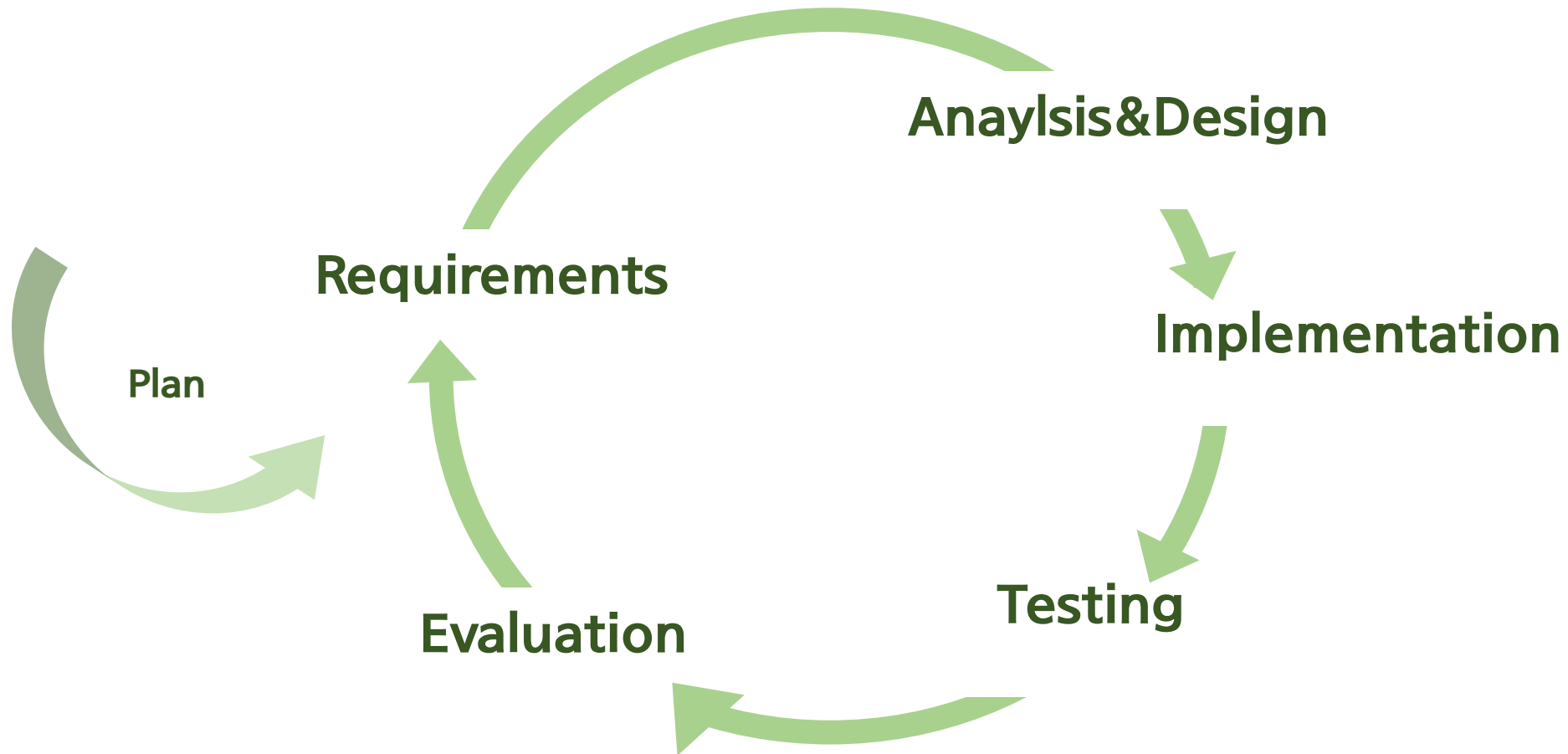


Check customer data
Update offer server

Print error message
Check error







Q&A

감사합니다

