



# A NEW C.S.E. ATM

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A person is shown in profile, holding a smartphone. The background is dark, and the person's face is partially visible. A list of project sections is overlaid on the right side of the image.

■ **Project Introduction**

■ **Requirements**

■ **Detailed Plan**

■ **Q&A**

A person in a dark suit is seen from behind, gesturing with their right hand towards a large, blurred audience seated in a hall. The scene is dimly lit, with the audience members appearing as soft, out-of-focus shapes in various colors. The overall atmosphere is professional and formal.

# Project Introduction

TEAM T3

# C.S.E.?

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--- . **C** : Convenient



--- . **S** : Secure



--- . **E** : Equipment

# Motivation

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1. 은행이 문을 닫은 시간에도 입/출금 등을 할 수 없을까?
2. 간단한 업무들은 기다리지 않고 할 수 없을까?
3. 기본적인 업무에 꼭 인력이 투입되어야 할까?

# Motivation

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1. 은행이 문을 닫은 시간에도 이용 가능
2. 간단한 업무 처리시 빠른 이용 가능
3. 창구 업무 인력의 낭비를 막아줌

A hand-drawn mind map on a blue background. The central node is a lightbulb. Branches radiate outwards, containing various icons and text labels. Labels include 'INNOVATION', 'INFORMATION', 'NEW', 'INCOME', 'COMMUNITY', 'FINANCE', 'PRODUCT', 'SELECT', 'TEAM', 'IDEA', 'MONEY', 'Product', and 'INCOME'. There are also icons for a bar chart, a pie chart, a lightbulb, a gear, a cloud, a person, a house, a sun, and a network of nodes. The drawing is done in white lines on a dark blue background.

# Requirements

# Functional

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**Insert Card**

**Withdraw**

**Check  
Balance**

**Size Up**

**Deposit**

**Language**

**Exit**

**Transfer**

**Robbery  
Report**

**Admin Login**

**Check Account**



# Non-Functional

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**Error**

**Ask**

**Block**

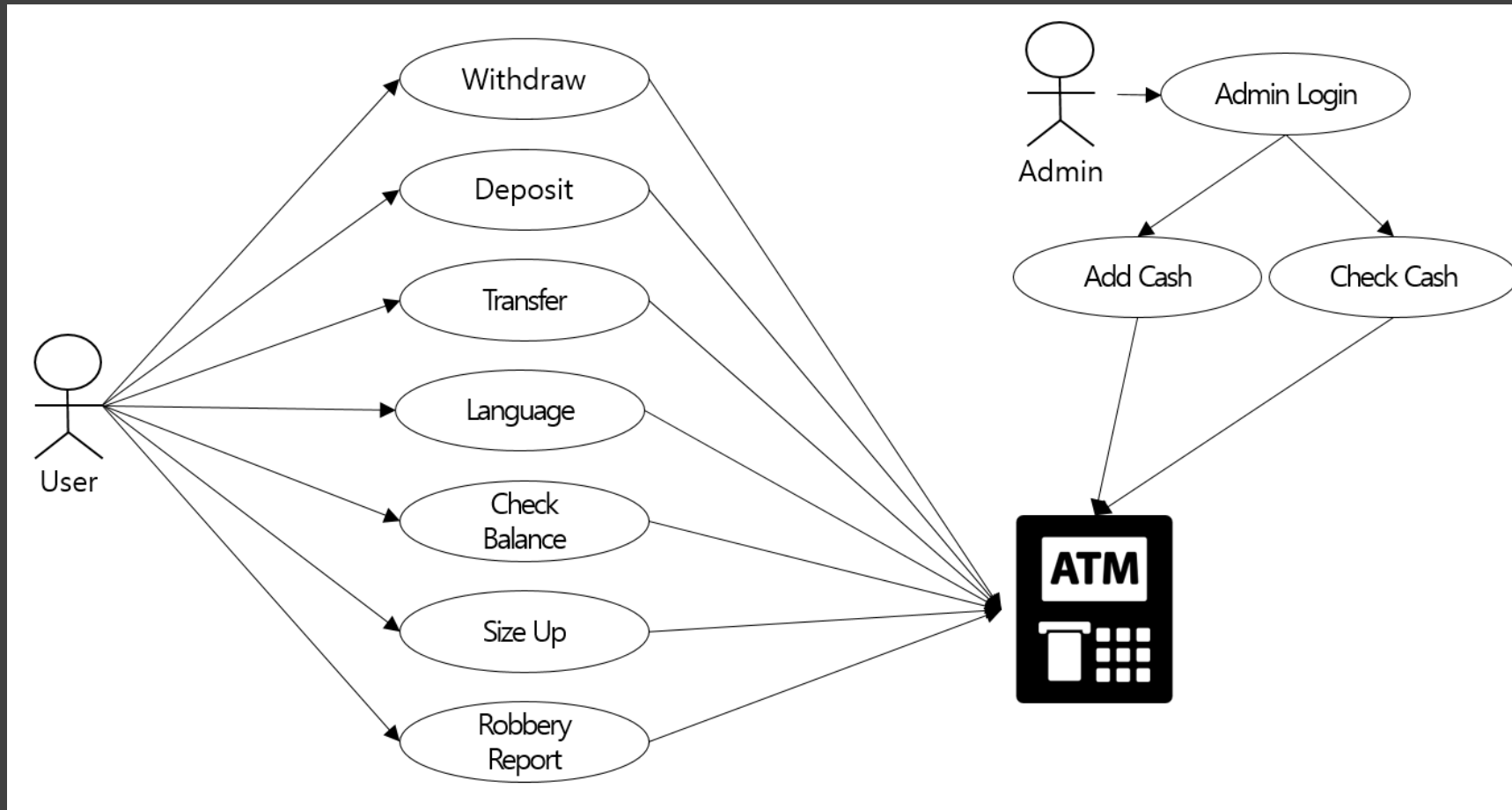
**Check Cash**

**Add Cash**

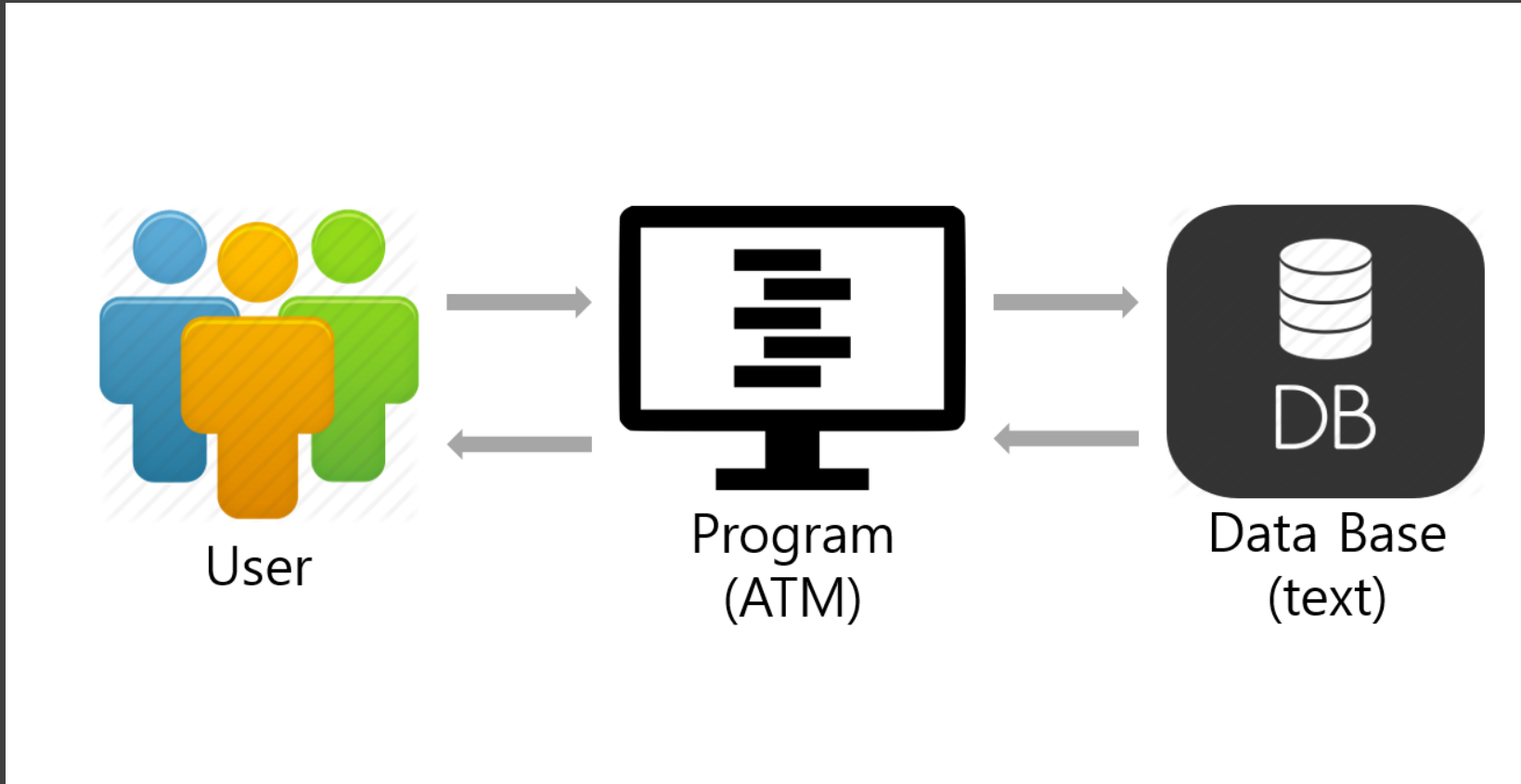
**Load File**

**Save File**

# Use Case



# System Architecture





## Detailed Plan



# Resources

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Human Resources : 3명

Duration : 3개월 (12주)

Human Efforts ( Man – Month ) : 9

Budget : 1,260,000만원

# Enviroments

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운영체제 : Window 7 , 10

Cpu : Intel

개발언어 : JAVA

IDE : Eclipse

# Risk & Management

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OOPT 이해 부족

강의 자료를 공부하고  
교수님, 조교에게  
자문을 구한다

JAVA 이해 부족

JAVA 관련 서적을  
통해 공부하거나 관련  
사이트 참고

알바 및 과외로  
인한 시간부족

일정이 겹치지 않게  
미리미리 진행한다

디자인 능력 부족

관련 도서과 교양  
수업을 통해 미적  
감각을 증진한다.





# At Last

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- ① 왜 이것을 개발해야 하는지?
- ② Functional / Non-Functional Requirements 도출
- ③ 도출해낸 Requirements 를 상위 수준의 Use-Case 와 Mapping

# OOPT

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