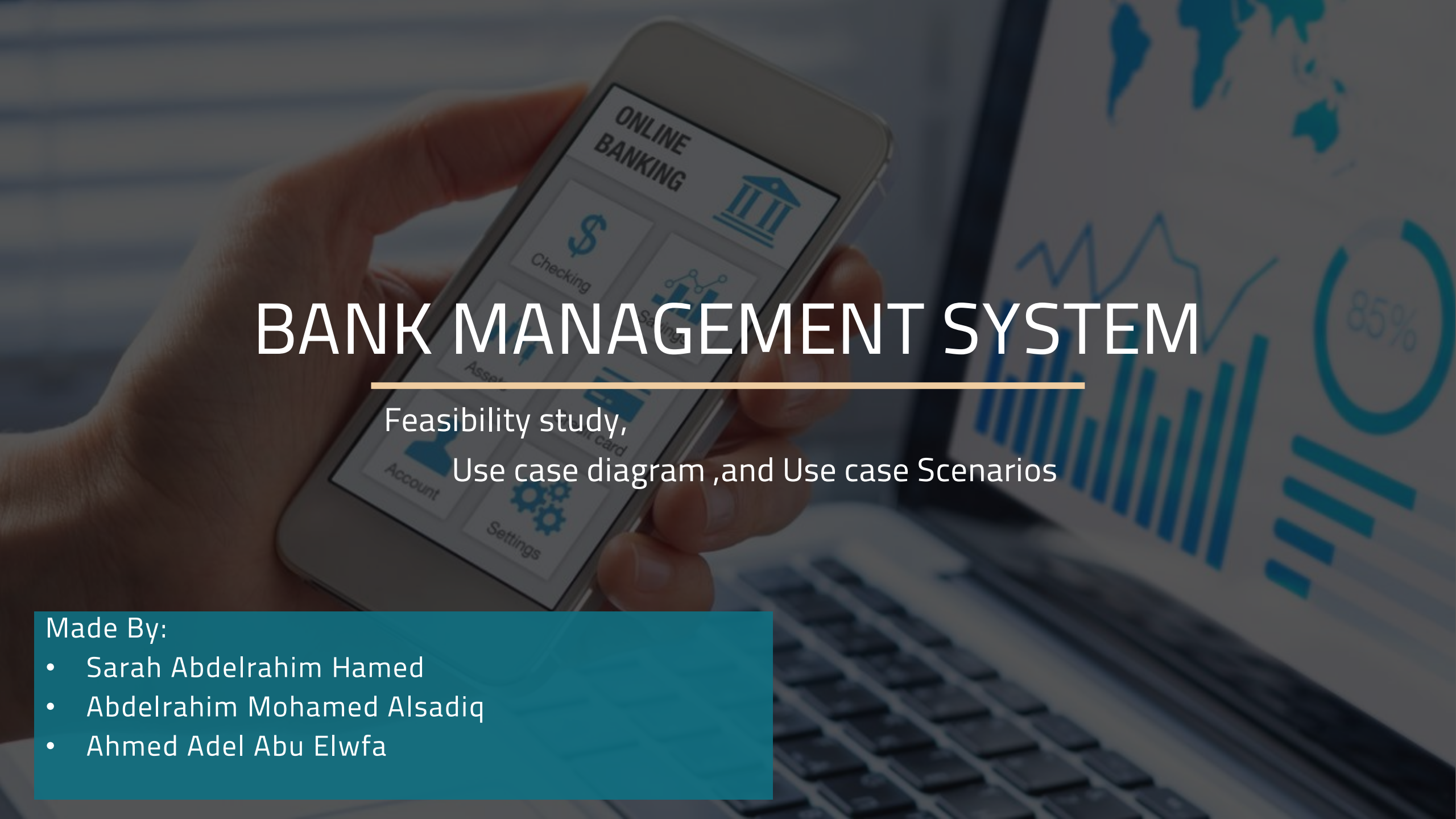

BANK MANAGEMENT SYSTEM

Feasibility study,

Use case diagram ,and Use case Scenarios

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FEASIBILITY STUDY

Technical Feasibility

- Technical feasibility around existing computer system and to what it can support proposed addition
- Our project is technically feasible as it is coded in C#.
- Database Microsoft SQL Server 2012 which is easy to use and highly secure.
- All the Codes and Modules can be easily implemented.
- Database Connectivity is also highly feasible and quickly operable.
- Technical Feasibility Includes:
  - Familiarity with Applications: we should be aware of working process of the bank system.
  - Familiarity with Technology: Our team should be excellent in desktop application development
  - Project Size: small project not have more risk
  - Compatibility: integrate the system with existing visual studio versions for computers.

FEASIBILITY STUDY

Economic Feasibility:
The Bank Management System is economically feasible as it builds on an already existing system and the cost of hardware resources needed is relatively low, software applications needed are readily available making the project budget to be manageable

- Economic Feasibility:

	Year 0	Year 1	Year 2	Year 3	Year 4	Total
Total Benefits			$92,000	$140,000	$210.000	$442,000
Total Costs	$249,820	$39,284	$41,922	$42,392	$44,912	$418,330
Net Benefits	$[249,820]	$[39,284]	$50,078	$97,608	$165,088	$23,670
Cumulative Net Cash Flow	$[249,820]	$[289,104]	$[239,026]	$[141,418]	$23,670	

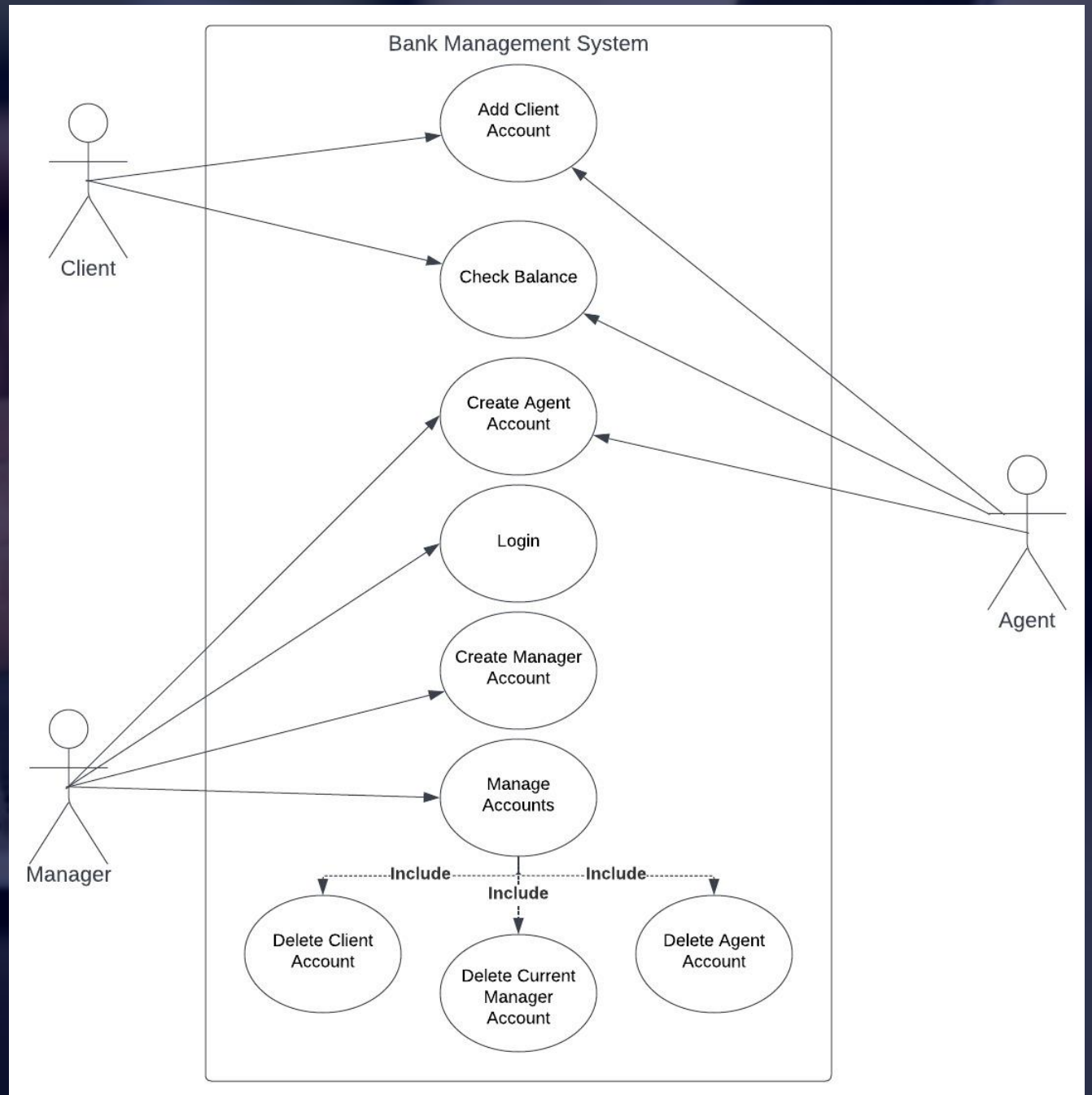
B.E.P = 3.85
ROI = 5.67%

FEASIBILITY STUDY

Operational Feasibility:
with sufficient support from the management, the project was found to be operationally feasible. The system provides very necessary information needed by user and provides them with efficient guide as to what they are to enter into the system's database. In addition to this, this application is expected to reduce the many security risks and much workloads currently being experienced at the bank.

USE CASE DIAGRAM

Diagram



USE CASE DIAGRAM

Scenarios

Use case [1]

- Use case: Create Client Account
- ID: UC1
- Priority: High
- Actors: Client, Agent
- Type: External
- Preconditions: -
- Main Scenario:
    1. The Agent Asks Client to fill the form
    2. The Client clicks in “Submit” button.
    3. The customer fills their personal information into the form.
    4. The employee verifies customer’s information.
    5. The customer receive the confirmation.
- Extensions:
    1. If the customer fills invalid information, The account creation will be cancelled.

USE CASE DIAGRAM

Scenarios

Use case [2]

- Use case: Transaction
- ID: UC2
- Priority: High
- Actors: Client, Agent
- Type: External
- Preconditions: The client has a bank account
- Main Scenario:
    1. The agent ask the client for their username and the type of the transaction
    2. The agent presses “confirm” button
    3. The client receive the transaction confirmation log.
- Extensions:
    1. If the client fills invalid username information, the process will be declined.

THANK YOU!