High Level Design (HLD)

Banking Application in Java(Console Based Application)

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Abstract

Banking Application in Java (Console Based) we are making this application only for practice purpose and in this we will use the concepts of oops and core java.

In this demo application ,it has been told that how we can open an account in the bank. How can we deposit, withdraw and check our amount.

Basics of banking system has also been taken in this application .

# 1 Introduction

## 1.1 Why this High-Level Design Document?

The purpose of this High-Level Design (HLD) Document is to add the necessary detail to the current project description to represent a suitable model for coding. This document is also intended to help detect contradictions prior to coding, and can be used as a reference manual for how the modules interact at a high level.

The HLD will:

* Present all of the design aspects and define them in detail
* Describe the user interface being implemented
* Describe the hardware and software interfaces
* Describe the performance requirements
* Include design features and the architecture of the project
* List and describe the non-functional attributes like:

Security

Reliability o Maintainability

Portability

Reusability

Application compatibility o Resource utilization

Serviceability

# 2 General Description

## 2.1 Product Perspective

Banking application in Java is only for learning core java concepts and demo model of Banking System.

### 2.2 Problem statement

To create an Banking Application for Banking System the following use cases.

* Opening Account.
* Deposit Amount.
* Withdraw Amount.
* Check Amount.
* Exit.

### 2.3 PROPOSED SOLUTION

First of all we take his data like name, identity from war. After that we create Account Number. The user uses the banking system through the Account number. Like Amount Deposit, Withdraw and Check Amount.

#### 2.4 Tools used

Java programming language.

* Eclipse IDE.

1. Design Details

3.1 Process Flow

For identifying the different types of anomalies, we will use a deep learning base model. Below is the process flow diagram is as shown below.

Switch Conditional Statement

START

Deposit

Case1:

Withdraw

Case2

Check

Case3

Exit

Case4

END

Default

Conclusion

The Banking Application will open to Bank Account and how to use Banking System and learn about concepts of Java OPPs and core java. Its application is Basic application and learn about much information.

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