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| Low-Level Design | |
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| 17-07-2023Java: Banking application | Siddharth MoneShikha Verma |

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| Serial number | Table of content | Page number |
| 1. | Introduction | 3 |
| 2. | Architecture | 4 |
| 3. | Architecture description | 5 |

**1. Introduction**

1.1. What is a Low-Level design document?

The goal of LLD or a low-level design document (LLDD) is to give the internal logical design of the actual program code for Bank application System. LLD describes the class diagrams with the

methods and relations between classes and program specs. It describes the modules so that the

programmers can directly code the program from the document.

1.2. Scope

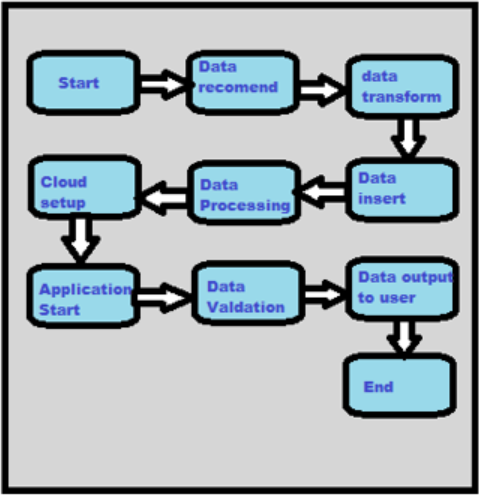
Low-level design (LLD) is a component-level design process that follows a step-by-

step refinement process. This process can be used for designing data structures, required software.

architecture, source code and ultimately, performance algorithms. Overall, the data organization

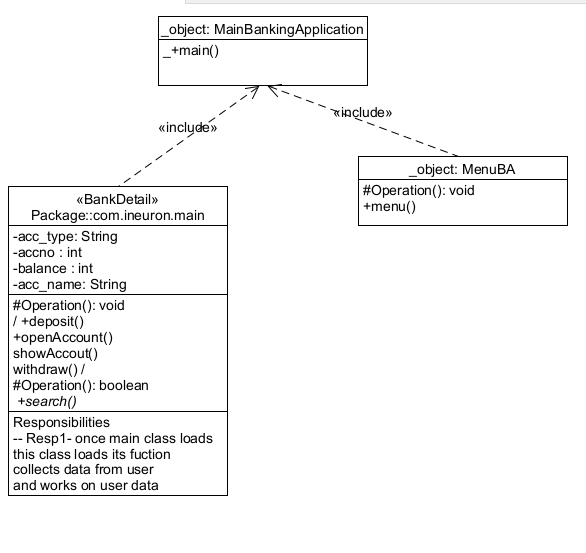
may be defined during requirement analysis and then refined during data design work.

**2. Architecture**

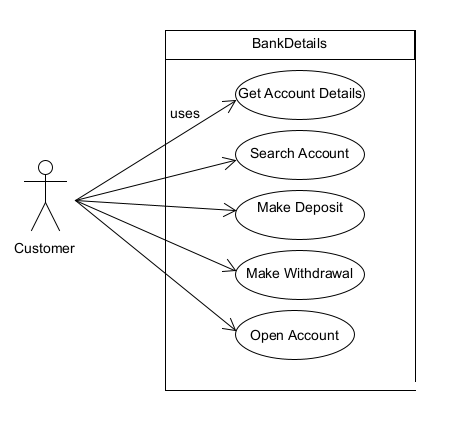
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**3. Architecture Description**

**Class Diagram:**



**Use-Case Diagram:**



* Class diagram and Use-Case Diagram shows how application work.
* As we see in the Class diagram, we are using 3 classes.
* ‘MainBankingApplication’ is a main class which contains main method and Execution starts from here.
* The other two classes ‘BankDetail’ and ‘MenuBA’ extend the main class.
* ‘BankDetail’ class contains all the operations and ‘MenuBA’ display which operation can perform by using this Application.
* Use Case diagram shows the uses of Application. We can deploy our model into cloud.