

HLD

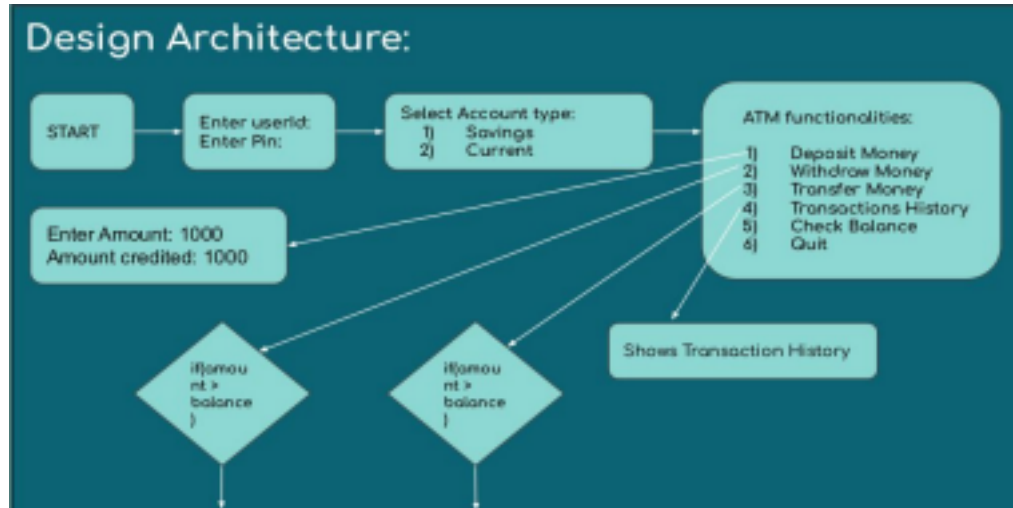
(High Level Design)

Classes used:

- 1)Banking_APP : This class is the main class where main execution starts.
- 2) Bank_account : This class is used to store the variables such as customer id,customerName,balance,previous_transaction.It also consists

of constructor `bank_account` in which `cname` and `cid` are used as parameters. Methods like `deposit`, `withdraw` in which `amount` is used as a parameter. Methods like `showmenu` and `get previous transactions` are used for writing the logic of the code.

DesiĀn:



Hardware requirements:

- Processor: A modern processor, such as an Intel i5 or i7, or an AMD Ryzen processor, can handle most programming tasks. The more cores and threads a processor has, the better it can handle multitasking and running multiple programs at once.
- Memory: At least 8GB of RAM is recommended for programming. This will ensure that your computer can handle running multiple programs at once without slowing down.
- Storage: A solid-state drive (SSD) is recommended for programming as it provides faster read and write speeds compared to a traditional hard drive. A storage capacity of at least 256GB is recommended to ensure that you have enough space for your code, tools, and other files.

Software requirements:

- Operating system: Most programming languages and tools are cross-platform

and can run on Windows, macOS, and Linux. Choose an operating system that you are comfortable with and that supports the tools and frameworks that you plan to use.

- JDK: For developing Java programs and compiling using JAVAC. It also consists of JRE which has JVM where execution of program starts.
- IDE: VsCode, IntelliJ, Eclipse any depending upon the user's experience and comfortability.