**TOOLS /ENVIRONMENT USED**

**Tools:**

* **NetBeans IDE:**

NetBeans IDE is an [open-source](https://en.wikipedia.org/wiki/Open_source) integrated development environment. NetBeans IDE supports development of all Java application types ([Java SE](https://en.wikipedia.org/wiki/Java_Platform,_Standard_Edition) (including [JavaFX](https://en.wikipedia.org/wiki/JavaFX" \o "JavaFX)), [Java ME](https://en.wikipedia.org/wiki/Java_Platform,_Micro_Edition), [web](https://en.wikipedia.org/wiki/Web_application), [EJB](https://en.wikipedia.org/wiki/EJB) and [mobile](https://en.wikipedia.org/wiki/MIDlet) applications) out of the box. Among other features are an [Ant](https://en.wikipedia.org/wiki/Apache_Ant)-based project system, Maven support, [refactoring](https://en.wikipedia.org/wiki/Refactoring), [version control](https://en.wikipedia.org/wiki/Version_control_system) (supporting [CVS](https://en.wikipedia.org/wiki/Concurrent_Versions_System), [Subversion](https://en.wikipedia.org/wiki/Subversion_(software)), [Git](https://en.wikipedia.org/wiki/Git_(software)), [Mercurial](https://en.wikipedia.org/wiki/Mercurial_(software)) and [Clearcase](https://en.wikipedia.org/wiki/Clearcase)).

* **MS-Access :**

Microsoft Access is a [database management system](https://en.wikipedia.org/wiki/Database_management_system) (DBMS) from [Microsoft](https://en.wikipedia.org/wiki/Microsoft) that combines the [relational](https://en.wikipedia.org/wiki/Relational_database) [Microsoft Jet Database Engine](https://en.wikipedia.org/wiki/Microsoft_Jet_Database_Engine) with a [graphical user interface](https://en.wikipedia.org/wiki/Graphical_user_interface) and software-development tools. It is a member of editions or sold separately.

Microsoft Access stores data in its own format based on the Access Jet Database Engine. It can also import or link directly to [data](https://en.wikipedia.org/wiki/Data) stored in other applications and databases.

**Language:**

* **Java 2 SE:**

Java is a set of [computer software](https://en.wikipedia.org/wiki/Computer_software) and specifications developed by [Sun Microsystems](https://en.wikipedia.org/wiki/Sun_Microsystems), which was later acquired by the [Oracle Corporation](https://en.wikipedia.org/wiki/Oracle_Corporation), that provides a system for developing [application software](https://en.wikipedia.org/wiki/Application_software) and deploying it in a [cross-platform](https://en.wikipedia.org/wiki/Cross-platform) computing environment. Java is used in a wide variety of [computing platforms](https://en.wikipedia.org/wiki/Computing_platform) from [embedded devices](https://en.wikipedia.org/wiki/Embedded_device) and [mobile phones](https://en.wikipedia.org/wiki/Mobile_phone) to [enterprise servers](https://en.wikipedia.org/wiki/Enterprise_server) and [supercomputers](https://en.wikipedia.org/wiki/Supercomputer).

**Technical Specifications**

* **Hardware Requirements:**

System : Pentium IV 2.4 GHz or above

Hard Disk : 40 GB or above

Monitor : 1.5VGA Color or above

RAM : 256 MB or above

* **Software Requirements:**

Operating System : Any Windows OS

Data Storage : MS Access

* **Deployment:**

Any Other Machine with Windows Operating System can be used for deploying this project. The only requirement for this is Client’s System must have installed MS Access for Storage Purpose.