

1 System Requirements

1.1 Functional System Requirements

This application will use a database connection. This connection will be using `java.sql.*` package. Than when we connect to the database we will use `statement` class. Finally we can close this connection between java and database with `con.close(); statement`. This database connection will be used to handle categories and items in those categories.

We will use java functions to make search class. This class will use a connection with the database. This connection in the search class will be used to search in the database for specific categories or items. We will create a sorting class. This class will use various java functions and database connection. Using this connection users can arrange the database for their needs with Tasks `;;` Classify Data utility.

add, create and delete classes will use database connections and SQL functions like `DELETE FROM Categories` or `DELETE FROM Items` to organize listed categories and items.

Lastly our graphical user interface will import java swing functions like `javax.swing.JButton`, `javax.swing.Jbutton` or `javax.swing.JLabel`; etc... This functions will help us to create a high quality design for our graphical user interface.

1.2 non-Functional System Requirements

- Suggested Operating Systems: 64-bit Windows 7, Windows 8.1, Windows 10
- Memory : 512 megabyte RAM
- Storage: 2 gigabyte hard disk space
- Softwares: java virtual machine (JVM)