

## About Mobile IS

Mobile IS is an application developed for the purpose of storing the information of the mobile phone available in the shop. The application stores all the phone information so that the information regarding the phone can be viewed easily. The features of the application and the way to use those features are provided below.

## Overview of The Application

The application contains,

- Table area (To show the list of phone)
- Form area (To provide interface to add phone to the system)
- Button area (To interact with the form)
- Search area (To search the required phone through price and category)
- Menu bar (To import and open files and to exit the application)

## Table

The table lists all the phones that are entered in the system in the order that they were inserted. The single row in a table indicates the details of a single mobile

## Input Form

The input form contains the input areas where users can enter the phone details. The input for all the input areas must be provided to add the phone to the system. The price should be provided in number format.

## Add Button

The add button adds the mobile to the system using the mobile details that have been provided in the form. The validation such as all input areas being populated and the uniqueness of the phone through model number is checked before adding the phone.

## Delete Button

The delete button removes the phone from the system and deletes the row of the phone. To delete the phone from the system, the row to delete must be selected from the table and the delete button must be pressed.

## Clear Button

The clear button clears and resets the contents of input areas in the input form.

## Exit Button

The exit button prompts the user to decide to exit the system and if pressed the “yes” button exits the system.

### **Search by Price Button**

The search by price button takes a number value and searches the phone with the provided price and if available prompts the user with the phone information.

### **Search by Category Button**

The search by category button takes user input to select the category for which to search the phone for and prompts all the phones for that category to the user.

### **File Menu**

The file menu is used to import the file or exit the information. The file menu contains two items

- **Open Menu Item**

The open menu is used to import the mobile details directly from the text file. It can also be accessed with the shortcut “ctrl + o”. The text file is located in the Desktop named “phone.txt” in which the phone information should be added as a comma separated value for a phone in a line. For the next phone the information should be added in a next line and the order of the table column must be maintained.

Example,

S1001, Samsung, Galaxy S 10, Red, Snapdragon 600, 8 GB, 50000  
AP1002, Apple, Iphone 12, Black, Bionic A13 , 4 GB, 140000

- **Close Menu Item**

The close menu item prompts the user to decide to exit the system and if pressed the “yes” button exits the system. It can also be accessed with the shortcut “ctrl + x”.

### **Help Menu**

The help menu contains the menu item “help” which when pressed opens the help file which is the current file. It can also be accessed with the shortcut “ctrl + h”.