

USER GUIDE:

The screenshot shows a web application window titled "Info-Mob" with a menu bar containing "File" and "Help". The main content area is divided into two sections: "Info-Mob" (left) and "Mobile Details" (right).

Info-Mob Section:

- Add Mobile:** A form with fields for Model ID, Name, Brand (dropdown), Storage (radio buttons for 32 GB, 64 GB, 128 GB), Price, and Quantity (slider). Below the form are "Add" and "Clear" buttons.
- Delete:** A section with a text input field and a "Delete" button.

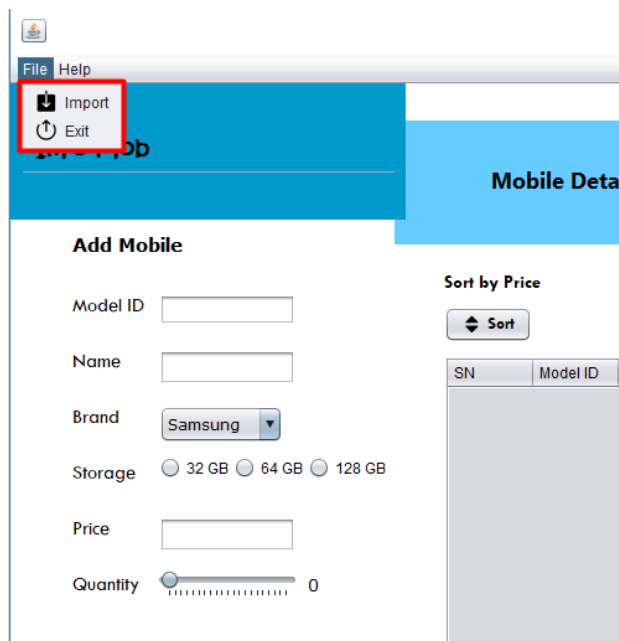
Mobile Details Section:

- Sort by Price:** A section with a "Sort" button (up/down arrows) and a "Search by Price" input field.
- Search by Brand:** A section with a "Search by Brand" dropdown (currently showing "Samsung") and a search button.
- Table:** A table with columns: SN, Model ID, Name, Brand, Storage, Quantity, Price. The table body is currently empty.
- Save:** A button located below the table.

Numbered callouts (1-9) point to specific elements:

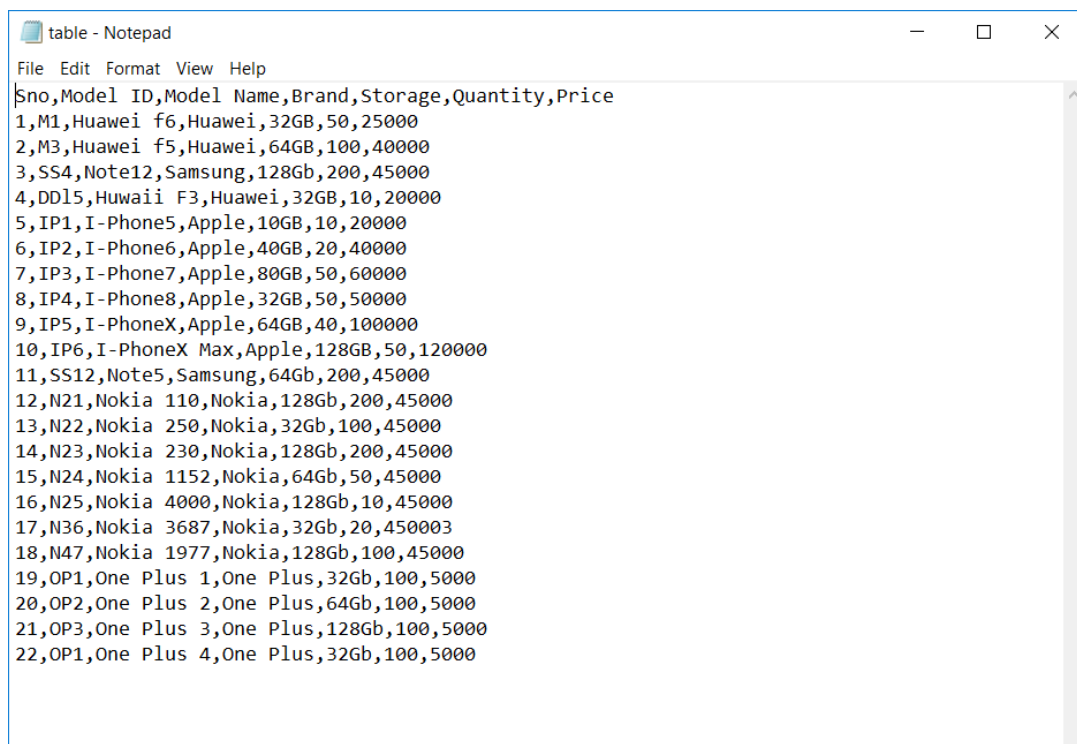
- 1: File menu
- 2: Help menu
- 3: Add button
- 4: Delete button
- 5: Clear button
- 6: Save button
- 7: Table
- 8: Sort by Price section
- 9: Search by Brand dropdown

1. **File** section will open a drop down menu with two options i.e. Import and Exit on it.



- **Import:**

This will **import** the saved data in the table section in the right side of the windows from a file that is shown below:



- **Exit:**

The work of **exit** is to simply close the window.

2. **Help** will open a drop down menu with only one option i.e. Help Contains.

The screenshot shows the 'Info-Mob' application window. The 'Help' menu is open, showing a single option 'Help Contents' which is highlighted with a red box. Below the menu, the 'Add Mobile' form is visible. It includes input fields for 'Model ID', 'Name', 'Brand' (a dropdown menu currently showing 'Samsung'), 'Storage' (radio buttons for 32 GB, 64 GB, and 128 GB), 'Price', and a 'Quantity' slider set to 0. To the right of the form is a 'Sort by Price' section with a 'Sort' button and a table with columns 'SN' and 'Model ID'.

- **Help Contains:**

This will open this pdf file.

3. Clicking **Add** button after filling all the needed data above will add the device to the record and if the required field above is not filled properly then a message box will appear with appropriate messages.

- **Before Add:**

The screenshot shows the 'Info-Mob' application window with the 'Add Mobile' form and the 'Mobile Details' table. The form fields are filled: 'Model ID' is 'SM09', 'Name' is 'Galaxy S9+', 'Brand' is 'Samsung', 'Storage' is '128 GB' (selected), 'Price' is '105000', and 'Quantity' is '20'. The 'Add' button is highlighted with a red box. The 'Mobile Details' table is also visible, showing a list of mobile devices with columns: SN, Model ID, Name, Brand, Storage, Quantity, and Price. The table is sorted by Price.

SN	Model ID	Name	Brand	Storage	Quantity	Price
10	IP6	I-Phone...	Apple	128GB	50	120000
11	SS12	Note5	Samsung	64Gb	200	45000
12	N21	Nokia 110	Nokia	128Gb	200	45000
13	N22	Nokia 250	Nokia	32Gb	100	45000
14	N23	Nokia 230	Nokia	128Gb	200	45000
15	N24	Nokia 1...	Nokia	64Gb	50	45000
16	N25	Nokia 4...	Nokia	128Gb	10	45000
17	N36	Nokia 3...	Nokia	32Gb	20	450003
18	N47	Nokia 1...	Nokia	128Gb	100	45000
19	OP1	One Plu...	One Plus	32Gb	100	5000
20	OP2	One Plu...	One Plus	64Gb	100	5000
21	OP3	One Plu...	One Plus	128Gb	100	5000
22	OP1	One Plu...	One Plus	32Gb	100	5000

- After Add:

Info-Mob

Mobile Details

Add Mobile

Model ID:

Name:

Brand:

Storage: ☐ 32 GB ☐ 64 GB ☒ 128 GB

Price:

Quantity:

Sort by Price

Search by Brand

Search by Price

SN	Model ID	Name	Brand	Storage	Quantity	Price
11	SS12	Note5	Samsung	64Gb	200	45000
12	N21	Nokia 110	Nokia	128Gb	200	45000
13	N22	Nokia 250	Nokia	32Gb	100	45000
14	N23	Nokia 230	Nokia	128Gb	200	45000
15	N24	Nokia 1...	Nokia	64Gb	50	45000
16	N25	Nokia 4...	Nokia	128Gb	10	45000
17	N36	Nokia 3...	Nokia	32Gb	20	450003
18	N47	Nokia 1...	Nokia	128Gb	100	45000
19	OP1	One Plu...	One Plus	32Gb	100	5000
20	OP2	One Plu...	One Plus	64Gb	100	5000
21	OP3	One Plu...	One Plus	128Gb	100	5000
22	OP1	One Plu...	One Plus	32Gb	100	5000
23	SM09	Galaxy S...	Samsung	128 GB	20	105000

4. Delete button will delete the record after entering the S.N. of respective device.

- Before Delete:

Info-Mob

Mobile Details

Add Mobile

Model ID:

Name:

Brand:

Storage: ☐ 32 GB ☐ 64 GB ☐ 128 GB

Price:

Quantity:

Sort by Price

Search by Brand

Search by Price

SN	Model ID	Name	Brand	Storage	Quantity	Price
1	M1	Huawei f6	Huawei	32GB	50	25000
2	M3	Huawei f5	Huawei	64GB	100	40000
3	SS4	Note12	Samsung	128Gb	200	45000
4	DDI5	Huwait F3	Huawei	32GB	10	20000
5	IP1	I-Phone5	Apple	10GB	10	20000
6	IP2	I-Phone6	Apple	40GB	20	40000
7	IP3	I-Phone7	Apple	80GB	50	60000
8	IP4	I-Phone8	Apple	32GB	50	50000
9	IP5	I-PhoneX	Apple	64GB	40	100000
10	IP6	I-Phone...	Apple	128GB	50	120000
11	SS12	Note5	Samsung	64Gb	200	45000
12	N21	Nokia 110	Nokia	128Gb	200	45000
13	N22	Nokia 250	Nokia	32Gb	100	45000

Delete

- **After Delete:**

Info-Mob

Mobile Details

Add Mobile

Model ID

Name

Brand

Storage ☐ 32 GB ☐ 64 GB ☐ 128 GB

Price

Quantity

Delete

Sort by Price

Search by Brand

Search by Price

SN	Model ID	Name	Brand	Storage	Quantity	Price
1	M1	Huawei f6	Huawei	32GB	50	25000
3	SS4	Note12	Samsung	128Gb	200	45000
4	DDI5	Huawai F3	Huawei	32GB	10	20000
5	IP1	I-Phone5	Apple	10GB	10	20000
6	IP2	I-Phone6	Apple	40GB	20	40000
7	IP3	I-Phone7	Apple	80GB	50	60000
8	IP4	I-Phone8	Apple	32GB	50	50000
9	IP5	I-PhoneX	Apple	64GB	40	100000
10	IP6	I-Phone...	Apple	128GB	50	120000
11	SS12	Note5	Samsung	64Gb	200	45000
12	N21	Nokia 110	Nokia	128Gb	200	45000
13	N22	Nokia 250	Nokia	32Gb	100	45000
14	N23	Nokia 230	Nokia	128Gb	200	45000

5. **Clear** button helps to clear all the fields in add mobile section.

- **Before Clear:**

Info-Mob

Add Mobile

Model ID

Name

Brand

Storage ☐ 32 GB ☐ 64 GB ☒ 128 GB

Price

Quantity

Delete

- **After Clear:**

Info-Mob

Add Mobile

Model ID
Name
Brand

Samsung

Storage ☐ 32 GB ☐ 64 GB ☒ 128 GB
Price
Quantity 0

+ Add

Clear

Delete

X Delete

6. After adding device to the record, **Save** button will save the added device in a file.

Mobile Details

Sort by Price

Search by Brand

Samsung

Sort

Search by Price

SN	Model ID	Name	Brand	Storage	Quantity	Price
1	M1	Huawei f6	Huawei	32GB	50	25000
2	M3	Huawei f5	Huawei	64GB	100	40000
4	DDI5	Huawei F3	Huawei	32GB	10	20000
5	IP1	I-Phone5	Apple	10GB	10	20000
6	IP2	I-Phone6	Apple	40GB	20	40000
7	IP3	I-Phone7	Apple	80GB	50	60000
8	IP4	I-Phone8	Apple	32GB	50	50000
9	IP5	I-PhoneX	Apple	64GB	40	100000
10	IP6	I-Phone...	Apple	128GB	50	120000
11	SS12	Note5	Samsung	64Gb	200	45000
12	N21	Nokia 110	Nokia	128Gb	200	45000
13	N22	Nokia 250	Nokia	32Gb	100	45000
14	N23	Nokia 230	Nokia	128Gb	200	45000

Save

The saved data will be exported to the file shown below:

```
table1 - Notepad
File Edit Format View Help
sno,Model ID,Model Name,Brand,Storage,Quantity,Price20,OP2,One Plus 2,One Plus,64Gb,100,5000,
19,OP1,One Plus 1,One Plus,32Gb,100,5000,
22,OP1,One Plus 4,One Plus,32Gb,100,5000,
21,OP3,One Plus 3,One Plus,128Gb,100,5000,
5,IP1,I-Phone5,Apple,10GB,10,20000,
4,DD15,Huawai F3,Huawei,32GB,10,20000,
1,M1,Huawei f6,Huawei,32GB,50,25000,
2,M3,Huawei f5,Huawei,64GB,100,40000,
6,IP2,I-Phone6,Apple,40GB,20,40000,
14,N23,Nokia 230,Nokia,128Gb,200,45000,
16,N25,Nokia 4000,Nokia,128Gb,10,45000,
15,N24,Nokia 1152,Nokia,64Gb,50,45000,
18,N47,Nokia 1977,Nokia,128Gb,100,45000,
11,SS12,Note5,Samsung,64Gb,200,45000,
3,SS4,Note12,Samsung,128Gb,200,45000,
13,N22,Nokia 250,Nokia,32Gb,100,45000,
12,N21,Nokia 110,Nokia,128Gb,200,45000,
8,IP4,I-Phone8,Apple,32GB,50,50000,
7,IP3,I-Phone7,Apple,80GB,50,60000,
9,IP5,I-PhoneX,Apple,64GB,40,100000,
10,IP6,I-PhoneX Max,Apple,128GB,50,120000,
17,N36,Nokia 3687,Nokia,32Gb,20,450003,
```

7. This is the **table** section where we can view the added device and also the saved file by importing.

Mobile Details

Sort by Price

Search by Brand Samsung

Search by Price

Sort

Search by Price

SN	Model ID	Name	Brand	Storage	Quantity	Price
1	M1	Huawei f6	Huawei	32GB	50	25000
2	M3	Huawei f5	Huawei	64GB	100	40000
3	SS4	Note12	Samsung	128Gb	200	45000
4	DD15	Huawai F3	Huawei	32GB	10	20000
5	IP1	I-Phone5	Apple	10GB	10	20000
6	IP2	I-Phone6	Apple	40GB	20	40000
7	IP3	I-Phone7	Apple	80GB	50	60000
8	IP4	I-Phone8	Apple	32GB	50	50000
9	IP5	I-PhoneX	Apple	64GB	40	100000
10	IP6	I-Phone...	Apple	128GB	50	120000
11	SS12	Note5	Samsung	64Gb	200	45000
12	N21	Nokia 110	Nokia	128Gb	200	45000
13	N22	Nokia 250	Nokia	32Gb	100	45000

Save

8. In section 6, the devices can be **sorted** by Price(Low to High).

- **Before Sort:**

Mobile Details

Sort by Price

Search by Brand Samsung

Sort

Search by Price

SN	Model ID	Name	Brand	Storage	Quantity	Price
1	M1	Huawei f6	Huawei	32GB	50	25000
2	M3	Huawei f5	Huawei	64GB	100	40000
3	SS4	Note12	Samsung	128Gb	200	45000
4	DDI5	Huwaii F3	Huawei	32GB	10	20000
5	IP1	I-Phone5	Apple	10GB	10	20000
6	IP2	I-Phone6	Apple	40GB	20	40000
7	IP3	I-Phone7	Apple	80GB	50	60000
8	IP4	I-Phone8	Apple	32GB	50	50000
9	IP5	I-PhoneX	Apple	64GB	40	100000
10	IP6	I-Phone...	Apple	128GB	50	120000
11	SS12	Note5	Samsung	64Gb	200	45000
12	N21	Nokia 110	Nokia	128Gb	200	45000
13	N22	Nokia 250	Nokia	32Gb	100	45000

Save

- **After Sort:**

Mobile Details

Sort by Price

Search by Brand Samsung

Sort

Search by Price

SN	Model ID	Name	Brand	Storage	Quantity	Price
19	OP1	One Plu...	One Plus	32Gb	100	5000
21	OP3	One Plu...	One Plus	128Gb	100	5000
20	OP2	One Plu...	One Plus	64Gb	100	5000
5	IP1	I-Phone5	Apple	10GB	10	20000
4	DDI5	Huwaii F3	Huawei	32GB	10	20000
1	M1	Huawei f6	Huawei	32GB	50	25000
2	M3	Huawei f5	Huawei	64GB	100	40000
6	IP2	I-Phone6	Apple	40GB	20	40000
13	N22	Nokia 250	Nokia	32Gb	100	45000
15	N24	Nokia 1...	Nokia	64Gb	50	45000
14	N23	Nokia 230	Nokia	128Gb	200	45000
3	SS4	Note12	Samsung	128Gb	200	45000
16	N25	Nokia 4...	Nokia	128Gb	10	45000

Save

9. **Search** function will search the devices in term of Brand and Price.

- **Search By Brand:**

Mobile Details

Sort by Price

Search by Brand Apple

Search by Price

SN	Model ID	Name	Brand	Storage	Quantity	Price
19	OP1	One Plu...	One Plus	32Gb	100	5000
				128Gb	100	5000
				4Gb	100	5000
				10GB	10	20000
				2GB	10	20000
				2GB	50	25000
				4GB	100	40000
				10GB	20	40000
				2Gb	100	45000
				4Gb	50	45000
14	N23	Nokia 230	Nokia	128Gb	200	45000
3	SS4	Note12	Samsung	128Gb	200	45000
16	N25	Nokia 4...	Nokia	128Gb	10	45000

Search Result

There are 6 items in category of Apple.

- **Search By Price:**

Mobile Details

Sort by Price

Search by Brand Apple

Search by Price 45000

SN	Model ID	Name	Brand	Storage	Quantity	Price
			Plus	32Gb	100	5000
			Plus	128Gb	100	5000
			Plus	64Gb	100	5000
				10GB	10	20000
			ei	32GB	10	20000
			ei	32GB	50	25000
			ei	64GB	100	40000
				40GB	20	40000
				32Gb	100	45000
				64Gb	50	45000
				128Gb	200	45000
			ung	128Gb	200	45000
				128Gb	10	45000

Mobile Information

Model Id: SS4
Model Name: Note12
Brand: Samsung
Storage: 128Gb
Quantity: 200
Price: 45000

--THANK YOU--