



SUPERMARKET AUTOMATION SOFTWARE

TEST SUIT RESULTS

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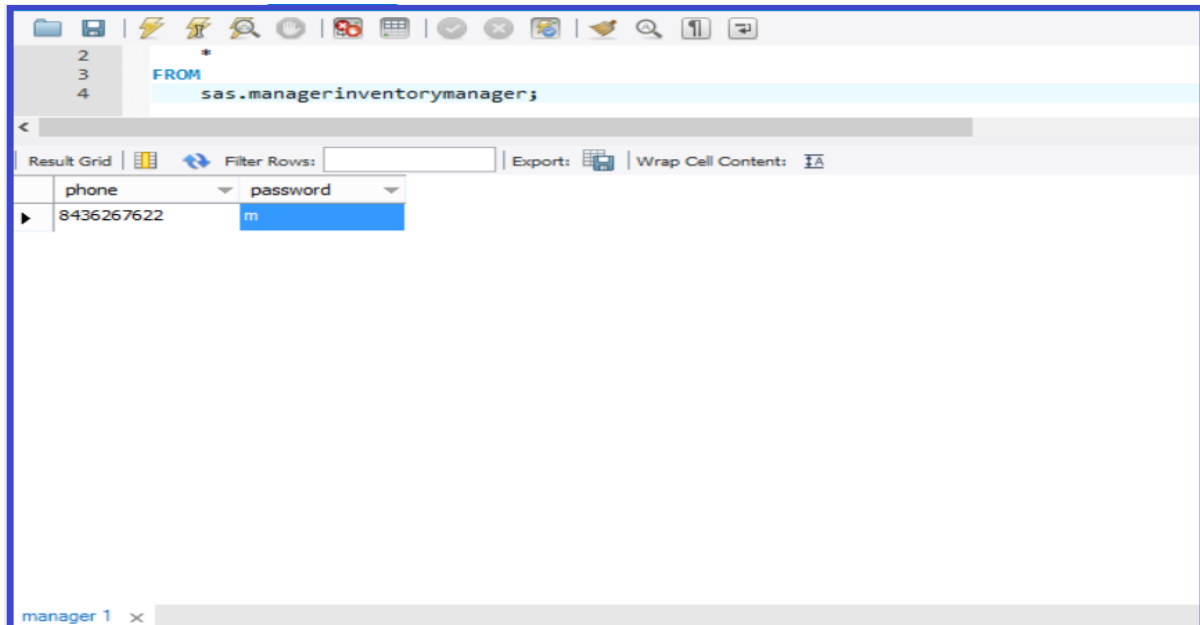
A. White Box Testing

1.0. Use Cases: Manger

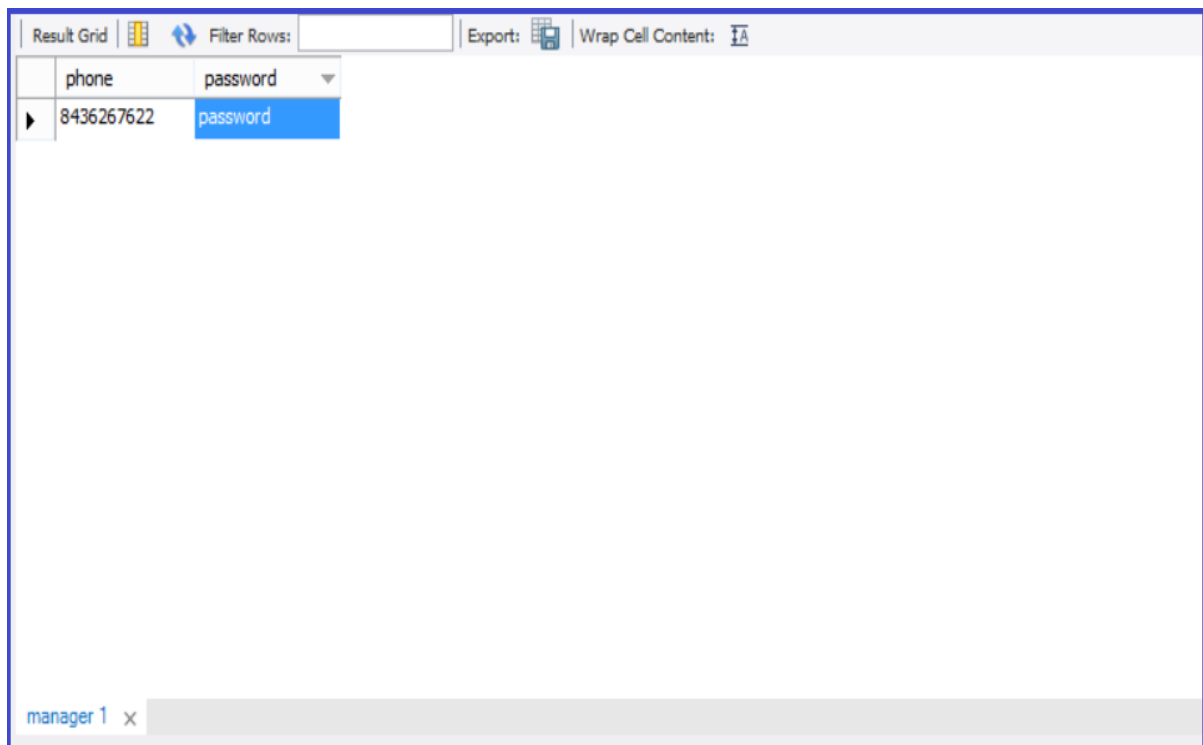
1.1. Change Password

Initiated when a manager tries to change his password. He is then prompted to enter his password and new password.

Before :



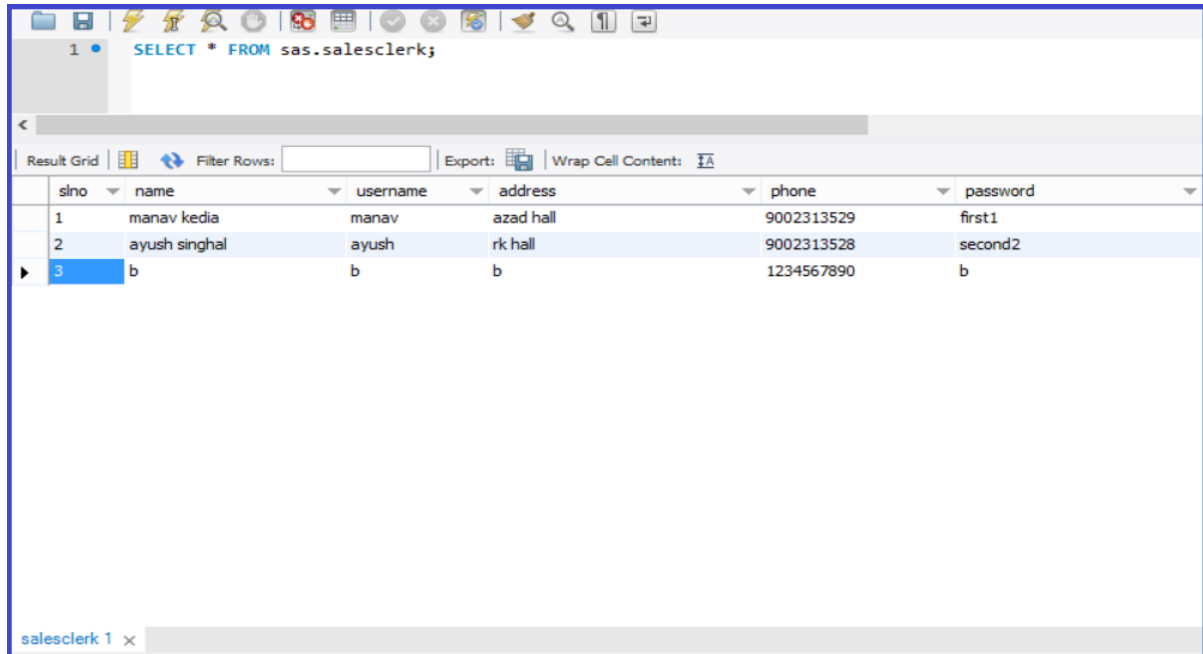
After :



1.2. Add Employee

Allows the manager to hire new employee in the supermarket.

Before:



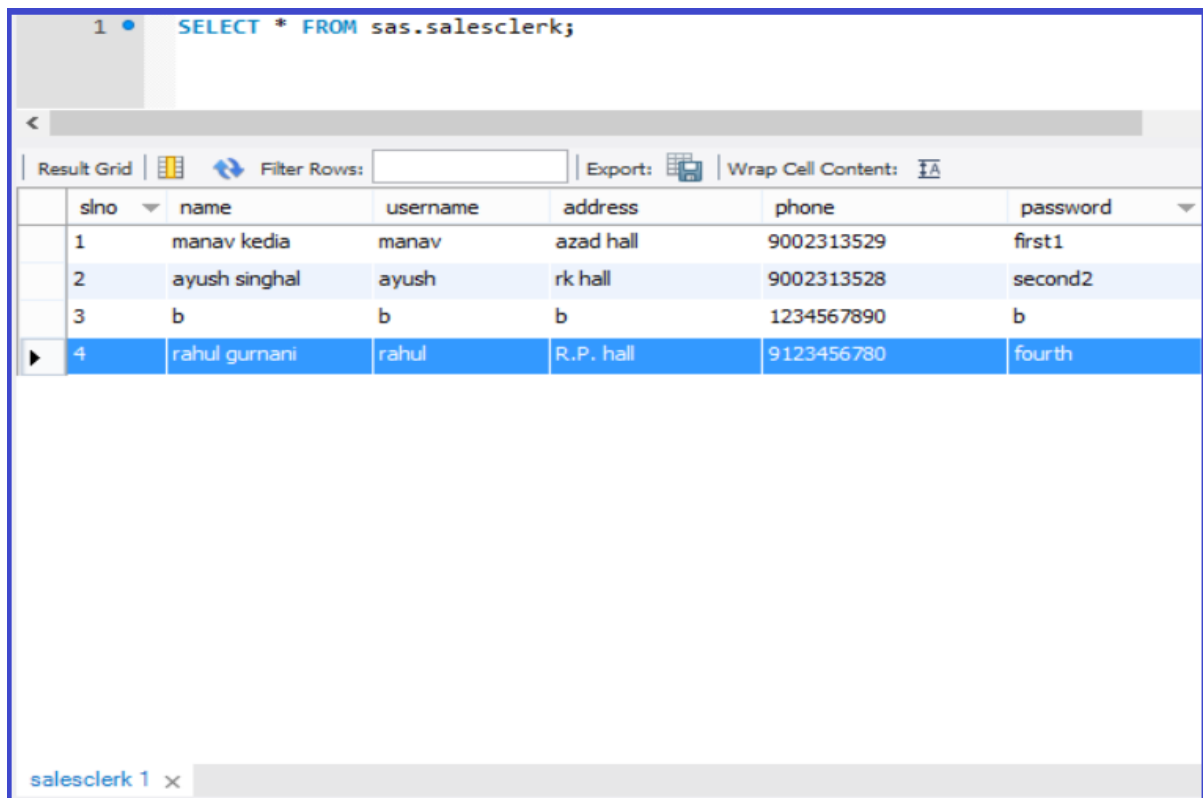
1 • `SELECT * FROM sas.salesclerk;`

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

sno	name	username	address	phone	password
1	manav kedia	manav	azad hall	9002313529	first1
2	ayush singhal	ayush	rk hall	9002313528	second2
3	b	b	b	1234567890	b

salesclerk 1 x

After:



1 • `SELECT * FROM sas.salesclerk;`

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

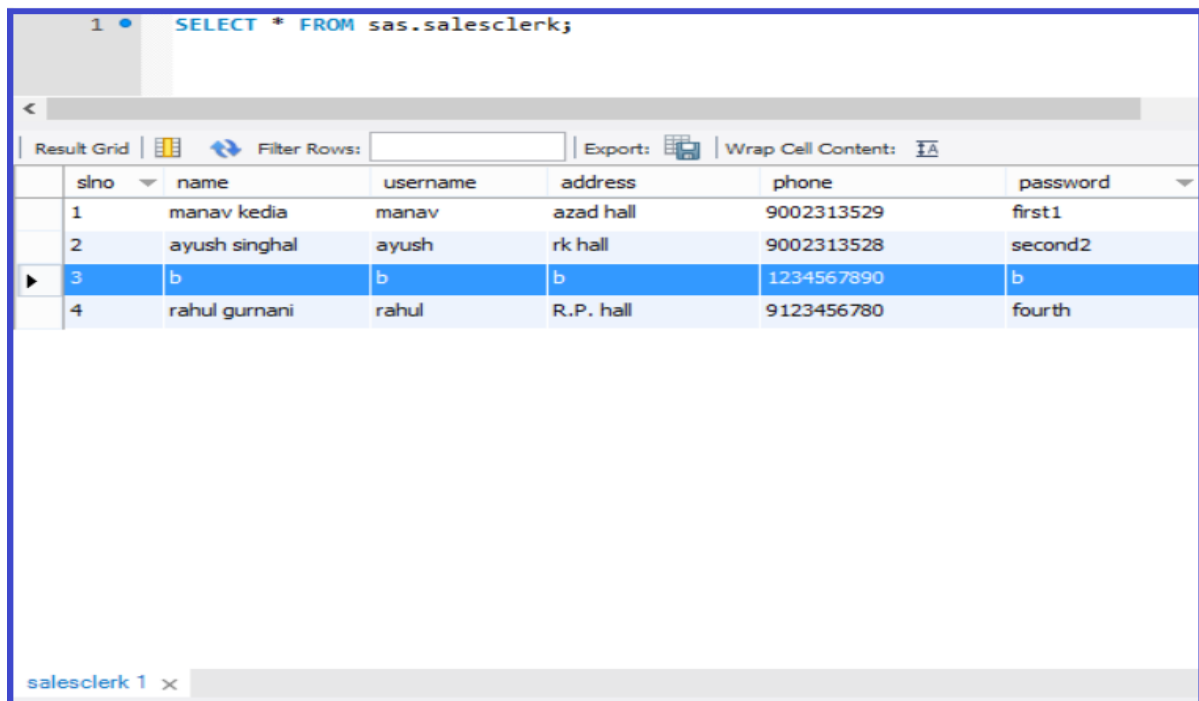
sno	name	username	address	phone	password
1	manav kedia	manav	azad hall	9002313529	first1
2	ayush singhal	ayush	rk hall	9002313528	second2
3	b	b	b	1234567890	b
4	rahul gumani	rahul	R.P. hall	9123456780	fourth

salesclerk 1 x

1.3. Remove Employee

Allows the manager to remove employee from the supermarket.

Before:



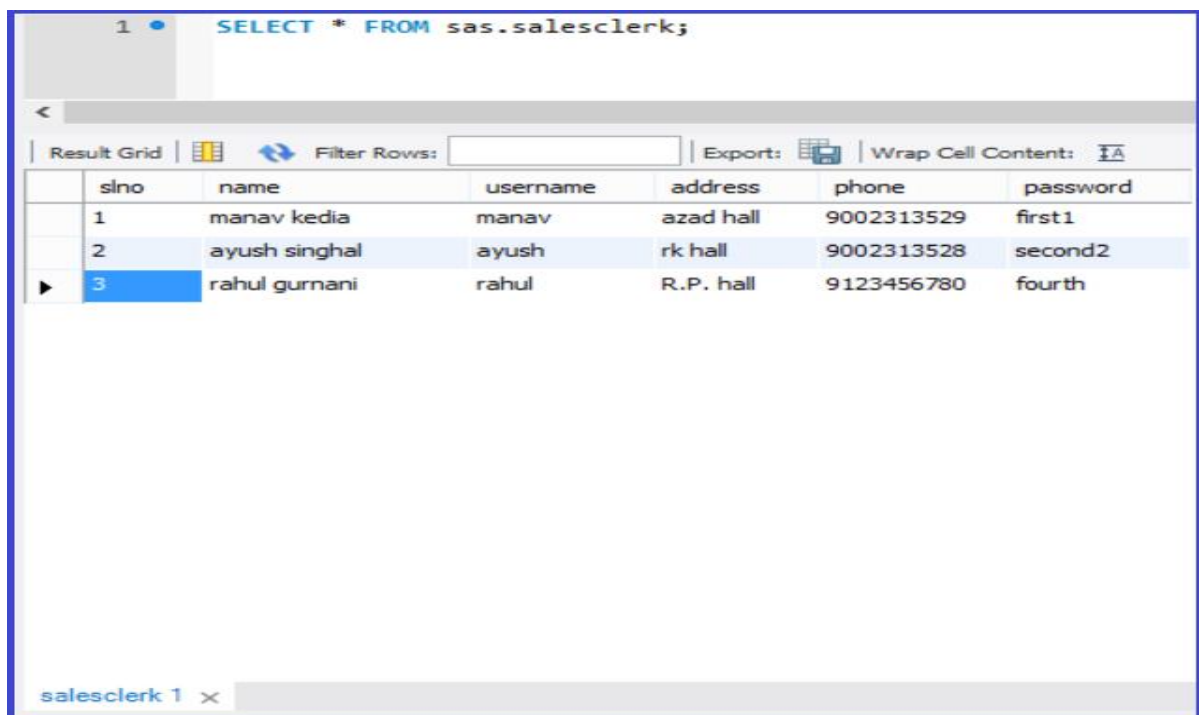
1 • `SELECT * FROM sas.salesclerk;`

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

	sno	name	username	address	phone	password
	1	manav kedia	manav	azad hall	9002313529	first1
	2	ayush singhal	ayush	rk hall	9002313528	second2
▶	3	b	b	b	1234567890	b
	4	rahul gurnani	rahul	R.P. hall	9123456780	fourth

salesclerk 1 x

After:



1 • `SELECT * FROM sas.salesclerk;`

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

	sno	name	username	address	phone	password
	1	manav kedia	manav	azad hall	9002313529	first1
	2	ayush singhal	ayush	rk hall	9002313528	second2
▶	3	rahul gurnani	rahul	R.P. hall	9123456780	fourth

salesclerk 1 x

1.4. Change Item Price

Allows the manager to change the price of a particular item

Before:

1 • SELECT * FROM sas.inventory;

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

	sno	itemname	id	qtyavailable	unitprice	profitperunit
	12	drmr	ab3	4.8	20	2
	13	phy	ab4	4.8	20	2
	14	che	ab5	4	20	5
	15	mat	ab6	3	20	0
	16	mati	ab7	8	20	7
	17	mato	ab8	5	21	3
	18	don chocolate	cfid	1	10	7.5
	19	asdq	adas	3.79999999523...	5	2
	20	soap	dett...	17	25	5
	21	a	a	1	1	0.5
	22	b	b	1	2	1
	23	vatsalya	12121	12	1.0219999...	229.75
	24	apple fr	apple	10	12	2
	25	mango fr	mango	11	17	2
	26	orange	b1	5	6	1
	27	peny	b2	5	5	1
	28	mouse	b3	1	100	20
	29	damru	b5	7	25	3
►	30	charger	b6	7	500	50
	31	Dell Inspiron i7	b7	10	62000	2000
	32	grv	dfg	5.34999999046...	100	20

inventory 1 x

After:

1 • SELECT * FROM sas.inventory;

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

	sno	itemname	id	qtyavailable	unitprice	profitperunit
	14	che	ab5	4	20	5
	15	mat	ab6	3	20	0
	16	mati	ab7	8	20	7
	17	mato	ab8	5	21	3
	18	don chocolate	cfid	1	10	7.5
	19	asdq	adas	3.79999999523...	5	2
	20	soap	dett...	17	25	5
	21	a	a	1	1	0.5
	22	b	b	1	2	1
	23	vatsalya	12121	12	1.0219999...	229.75
	24	apple fr	apple	10	12	2
	25	mango fr	mango	11	17	2
	26	orange	b1	5	6	1
	27	peny	b2	5	5	1
	28	mouse	b3	1	100	20
	29	damru	b5	7	25	3
►	30	charger	b6	7	475	25
	31	Dell Inspiron i7	b7	10	62000	2000
	32	grv	dfg	5.34999999046...	100	20

inventory 1 x

1.5. Add to Inventory

1.5.1. Existing Items

Allows an employee to add more quantity of existing items to the database

Before:

1 • SELECT * FROM sas.inventory;

Result Grid | Filter Rows: | Export: | Wrap Cell Content

	sno	itemname	id	qtyavailable	unitprice	profitperunit
	1	munch	ab123	7.1999999955...	5	-3.409722225...
	2	perk	ab124	0.9600000381...	5.5	1.5
	3	dairymilk	ab125	0	5	1
▶	4	lux	ab126	1	20	2
	5	luxy	ab127	3	20	2
	6	life	ab128	3	20	2
	7	dettol	ab129	5	20	2
	8	det	ab130	5	20	2
	9	deto	ab131	5	20	2
	10	demo	ab1	5	20	2
	11	demr	ab2	3	20	2
	12	drmr	ab3	4.8	20	2
	13	phy	ab4	4.8	20	2
	14	che	ab5	4	20	5
	15	mat	ab6	3	20	0
	16	mati	ab7	8	20	7
	17	mato	ab8	5	21	3
	18	don chocolate	cfid	1	10	7.5
	19	asdq	adas	3.7999999523...	5	2

inventory 1 x

After:

1 • SELECT * FROM sas.inventory;

Result Grid | Filter Rows: | Export: | Wrap Cell Content

	sno	itemname	id	qtyavailable	unitprice	profitperunit
	1	munch	ab123	7.1999999955...	5	-3.409722225...
	2	perk	ab124	0.9600000381...	5.5	1.5
	3	dairymilk	ab125	0	5	1
▶	4	lux	ab126	3	20	2
	5	luxy	ab127	3	20	2
	6	life	ab128	3	20	2
	7	dettol	ab129	5	20	2
	8	det	ab130	5	20	2
	9	deto	ab131	5	20	2
	10	demo	ab1	5	20	2
	11	demr	ab2	3	20	2
	12	drmr	ab3	4.8	20	2
	13	phy	ab4	4.8	20	2
	14	che	ab5	4	20	5
	15	mat	ab6	3	20	0
	16	mati	ab7	8	20	7
	17	mato	ab8	5	21	3
	18	don chocolate	cfid	1	10	7.5
	19	asdq	adas	3.7999999523...	5	2

inventory 1 x

1.5.2. New Items

Allows an employee to add new items to the database

Before:

1 • `SELECT * FROM sas.inventory;`

< Result Grid Filter Rows: Export: Wrap Cell Contents:

	slno	itemname	id	qtyavailable	unitprice	profitperunit
	14	che	ab5	4	20	5
	15	mat	ab6	3	20	0
	16	mati	ab7	8	20	7
	17	mato	ab8	5	21	3
	18	don chocolate	cfid	1	10	7.5
	19	asdq	adas	3.7999999523...	5	2
	20	soap	dett...	17	25	5
	21	a	a	1	1	0.5
	22	b	b	1	2	1
	23	vatsalya	12121	12	1.0219999...	229.75
	24	apple fr	apple	10	12	2
	25	mango fr	mango	11	17	2
	26	orange	b1	5	6	1
	27	peny	b2	5	5	1
	28	mouse	b3	1	100	20
	29	damru	b5	7	25	3
	30	charger	b6	7	475	25
	31	Dell Ispiron i7	b7	10	62000	2000
▶	32	grv	dfg	5.34999999046...	100	20

inventory 1 x

After:

1 • `SELECT * FROM sas.inventory;`

< Result Grid Filter Rows: Export: Wrap Cell Contents:

	slno	itemname	id	qtyavailable	unitprice	profitperunit
	15	mat	ab6	3	20	0
	16	mati	ab7	8	20	7
	17	mato	ab8	5	21	3
	18	don chocolate	cfid	1	10	7.5
	19	asdq	adas	3.7999999523...	5	2
	20	soap	dett...	17	25	5
	21	a	a	1	1	0.5
	22	b	b	1	2	1
	23	vatsalya	12121	12	1.0219999...	229.75
	24	apple fr	apple	10	12	2
	25	mango fr	mango	11	17	2
	26	orange	b1	5	6	1
	27	peny	b2	5	5	1
	28	mouse	b3	1	100	20
	29	damru	b5	7	25	3
	30	charger	b6	7	475	25
	31	Dell Ispiron i7	b7	10	62000	2000
	32	grv	dfg	5.34999999046...	100	20
▶	33	calculator	calc	20	1000	75

inventory 1 x

2.0. Use Cases: Sales Clerk

2.1. Add to Inventory

2.1.1. Existing Items

Allows an employee to add more quantity of existing items to the database

Before:

1 • SELECT * FROM sas.inventory;

Result Grid | Filter Rows: | Export: | Wrap Cell Contents:

	sino	itemname	id	qtyavailable	unitprice	profitperunit
▶	1	munch	ab123	7.1999999955...	5	-3.409722225...
	2	perk	ab124	0.9600000381...	5.5	1.5
	3	dairymilk	ab125	0	5	1
	4	lux	ab126	12	20	2
	5	luxy	ab127	3	20	2
	6	life	ab128	3	20	2
	7	dettol	ab129	5	20	2
	8	det	ab130	5	20	2
	9	deto	ab131	5	20	2
	10	demo	ab1	5	20	2
	11	demr	ab2	3	20	2
	12	drmr	ab3	4.8	20	2
	13	phy	ab4	4.8	20	2
	14	che	ab5	4	20	5
	15	mat	ab6	3	20	0
	16	mati	ab7	8	20	7
	17	mato	ab8	5	21	3
	18	don chocolate	cfid	1	10	7.5
	19	asdq	adas	3.7999999523...	5	2

inventory 1 x

After:

1 • SELECT * FROM sas.inventory;

Result Grid | Filter Rows: | Export: | Wrap Cell Contents:

	sino	itemname	id	qtyavailable	unitprice	profitperunit
▶	1	munch	ab123	7.1999999955...	5	-3.409722225...
	2	perk	ab124	0.9600000381...	5.5	1.5
	3	dairymilk	ab125	0	5	1
	4	lux	ab126	15	20	2
	5	luxy	ab127	3	20	2
	6	life	ab128	3	20	2
	7	dettol	ab129	5	20	2
	8	det	ab130	5	20	2
	9	deto	ab131	5	20	2
	10	demo	ab1	5	20	2
	11	demr	ab2	3	20	2
	12	drmr	ab3	4.8	20	2
	13	phy	ab4	4.8	20	2
	14	che	ab5	4	20	5
	15	mat	ab6	3	20	0
	16	mati	ab7	8	20	7
	17	mato	ab8	5	21	3
	18	don chocolate	cfid	1	10	7.5
	19	asdq	adas	3.7999999523...	5	2

inventory 1 x

2.1.2. New Items

Allows an employee to add new items to the database

Before:

1 • `SELECT * FROM sas.inventory;`

< Result Grid Filter Rows: Export: Wrap Cell Content:

	sno	itemname	id	qtyavailable	unitprice	profitperunit
	15	mat	ab6	3	20	0
	16	mati	ab7	8	20	7
	17	mato	ab8	5	21	3
	18	don chocolate	cfid	1	10	7.5
	19	asdq	adas	3.7999999523...	5	2
	20	soap	dett...	17	25	5
	21	a	a	1	1	0.5
	22	b	b	1	2	1
	23	vatsalya	12121	12	1.0219999...	229.75
	24	apple fr	apple	10	12	2
	25	mango fr	mango	11	17	2
	26	orange	b1	5	6	1
	27	peny	b2	5	5	1
	28	mouse	b3	1	100	20
	29	damru	b5	7	25	3
	30	charger	b6	7	475	25
	31	Dell Ispiron i7	b7	10	62000	2000
	32	grv	dfg	5.34999999046...	100	20
▶	33	calculator	calc	20	1000	75

inventory 1 x

After:

1 • `SELECT * FROM sas.inventory;`

< Result Grid Filter Rows: Export: Wrap Cell Content:

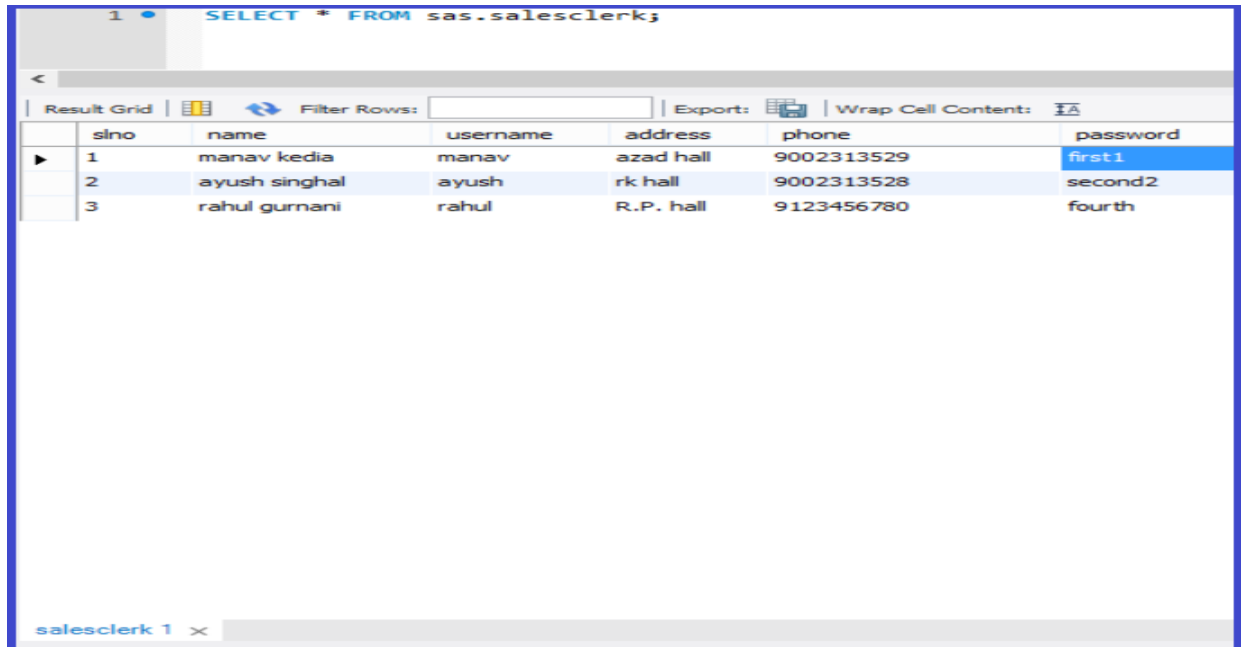
	sno	itemname	id	qtyavailable	unitprice	profitperunit
▶	16	mati	ab7	8	20	7
	17	mato	ab8	5	21	3
	18	don chocolate	cfid	1	10	7.5
	19	asdq	adas	3.7999999523...	5	2
	20	soap	dett...	17	25	5
	21	a	a	1	1	0.5
	22	b	b	1	2	1
	23	vatsalya	12121	12	1.0219999...	229.75
	24	apple fr	apple	10	12	2
	25	mango fr	mango	11	17	2
	26	orange	b1	5	6	1
	27	peny	b2	5	5	1
	28	mouse	b3	1	100	20
	29	damru	b5	7	25	3
	30	charger	b6	7	475	25
	31	Dell Ispiron i7	b7	10	62000	2000
	32	grv	dfg	5.34999999046...	100	20
	33	calculator	calc	20	1000	75
	34	JAM	jami	10	18	3

inventory 1 x

2.2. Change Password

Initiated when a Sales Clerk tries to change his password. He is then prompted to enter his password and new password.

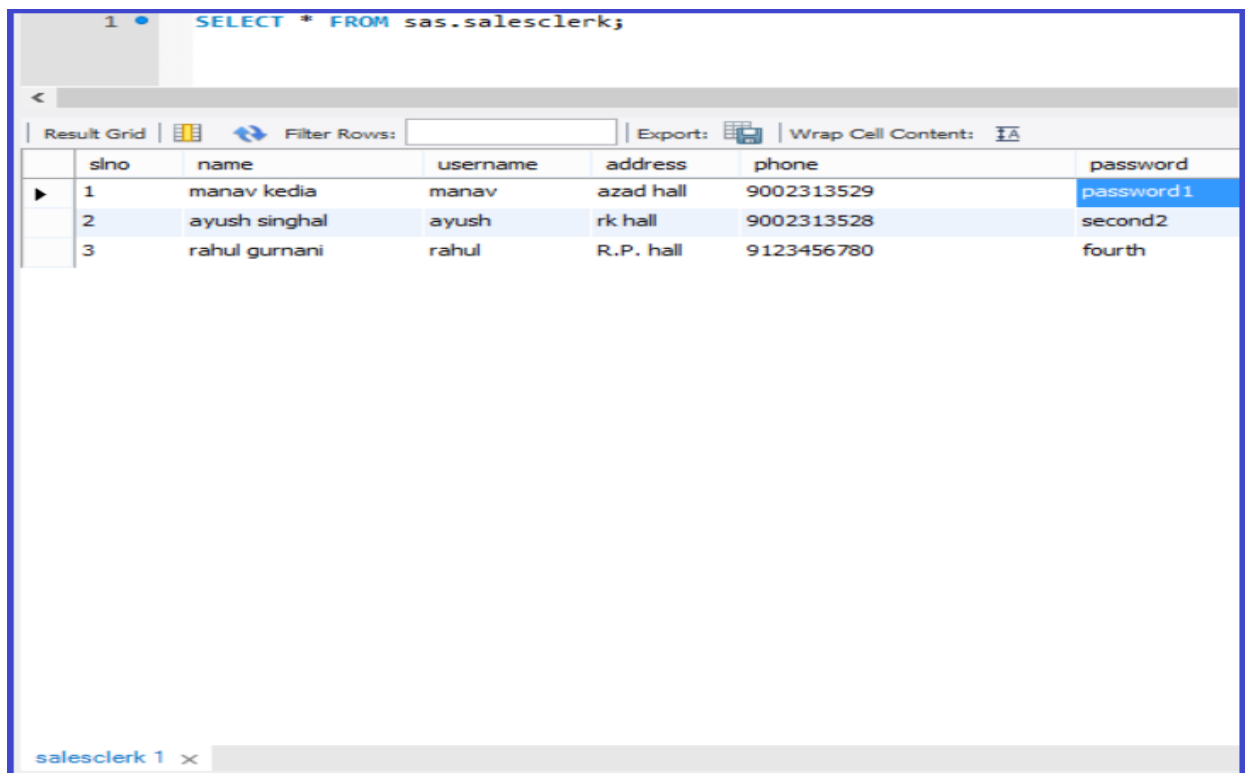
Before:



The screenshot shows a SAS query window with the query `SELECT * FROM sas.salesclerk;`. The result grid displays three rows of data. The 'password' column for the first row is highlighted in blue.

sno	name	username	address	phone	password
1	manav kedia	manav	azad hall	9002313529	first1
2	ayush singhal	ayush	rk hall	9002313528	second2
3	rahul gurnani	rahul	R.P. hall	9123456780	fourth

After:



The screenshot shows the same SAS query window with the query `SELECT * FROM sas.salesclerk;`. The result grid displays the same three rows of data, but the 'password' column for the first row has been updated to 'password 1'.

sno	name	username	address	phone	password
1	manav kedia	manav	azad hall	9002313529	password 1
2	ayush singhal	ayush	rk hall	9002313528	second2
3	rahul gurnani	rahul	R.P. hall	9123456780	fourth

2.3. Register sales

Decrements sold items' quantities from Inventory and added to Transaction.

Before:

1) Inventory

1 • `SELECT * FROM sas.inventory;`

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

	slno	itemname	id	qtyavailable	unitprice	profitperunit
	12	drmr	ab3	4.8	20	2
	13	phy	ab4	4.8	20	2
	14	che	ab5	4	20	5
	15	mat	ab6	3	20	0
	16	mati	ab7	8	20	7
	17	mato	ab8	5	21	3
	18	don chocolate	cfid	1	10	7.5
	19	asdq	adas	3.79999999523...	5	2
	20	soap	dett...	17	25	5
	21	a	a	1	1	0.5
	22	b	b	1	2	1
	23	vatsalya	12121	12	1.0219999...	229.75
	24	apple fr	apple	10	12	2
	25	mango fr	mango	11	17	2
	26	orange	b1	5	6	1
	27	peny	b2	5	5	1
	28	mouse	b3	1	100	20
	29	damru	b5	7	25	3
	30	charger	b6	7	475	25

inventory 1 x

2) Transaction

1 • `SELECT * FROM sas.transaction;`

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

	slno	date	id	qty	unitprice	profit
▶	1	04/04/2014	ab123	3	5	6.75
	1	04/04/2014	ab125	1	5	1
	2	04/04/2014	ab126	2	20	4
	2	04/04/2014	ab127	2	20	4
	3	04/04/2014	ab123	1	5	2.25
	4	05/04/2014	ab7	2	20	4
	5	05/04/2014	ab123	1	5	2.25
	6	05/04/2014	ab123	0.5	5	1.125
	7	06/04/2014	ab128	2	19	2
	8	06/04/2014	dettolabc	2	25	10
	8	06/04/2014	ab123	0.100000001490116	5	0.225000003352761
	9	06/04/2014	ab123	0.100000001490116	5	0.225000003352761
	10	06/04/2014	ab6	1	20	0
	10	06/04/2014	ab5	0.5	20	1
	11	06/04/2014	ab123	0.100000001490116	5	0.225000003352761
	11	06/04/2014	ab5	1	20	2
	12	08/04/2014	mango	2	17	4
	12	08/04/2014	apple	2	12	4
	13	13/04/2014	ab126	4	20	8

transaction 1 x

After:

1) Inventory

1 • `SELECT * FROM sas.inventory;`

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

	sino	itemname	id	qtyavailable	unitprice	profitperunit
	11	demr	ab2	3	20	2
	12	drmr	ab3	4.8	20	2
	13	phy	ab4	4.8	20	2
	14	che	ab5	4	20	5
	15	mat	ab6	3	20	0
	16	mati	ab7	8	20	7
	17	mato	ab8	5	21	3
	18	don chocolate	cfid	1	10	7.5
	19	asdq	adas	3.79999999523...	5	2
	20	soap	dett...	17	25	5
	21	a	a	1	1	0.5
	22	b	b	1	2	1
	23	vatsalya	12121	12	1.0219999...	229.75
	24	apple fr	apple	10	12	2
	25	mango fr	mango	11	17	2
	26	orange	b1	2	6	1
	27	peny	b2	5	5	1
	28	mouse	b3	1	100	20
	29	damru	b5	7	25	3

inventory 1 x

2) Transaction

1 • `SELECT * FROM sas.transaction;`

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

	sino	date	id	qty	unitprice	profit
▶	1	04/04/2014	ab125	1	5	1
	2	04/04/2014	ab126	2	20	4
	2	04/04/2014	ab127	2	20	4
	3	04/04/2014	ab123	1	5	2.25
	4	05/04/2014	ab7	2	20	4
	5	05/04/2014	ab123	1	5	2.25
	6	05/04/2014	ab123	0.5	5	1.125
	7	06/04/2014	ab128	2	19	2
	8	06/04/2014	dettolabc	2	25	10
	8	06/04/2014	ab123	0.100000001490116	5	0.225000003352761
	9	06/04/2014	ab123	0.100000001490116	5	0.225000003352761
	10	06/04/2014	ab6	1	20	0
	10	06/04/2014	ab5	0.5	20	1
	11	06/04/2014	ab123	0.100000001490116	5	0.225000003352761
	11	06/04/2014	ab5	1	20	2
	12	08/04/2014	mango	2	17	4
	12	08/04/2014	apple	2	12	4
	13	13/04/2014	ab126	4	20	8
	14	13/04/2014	b1	3	6	3

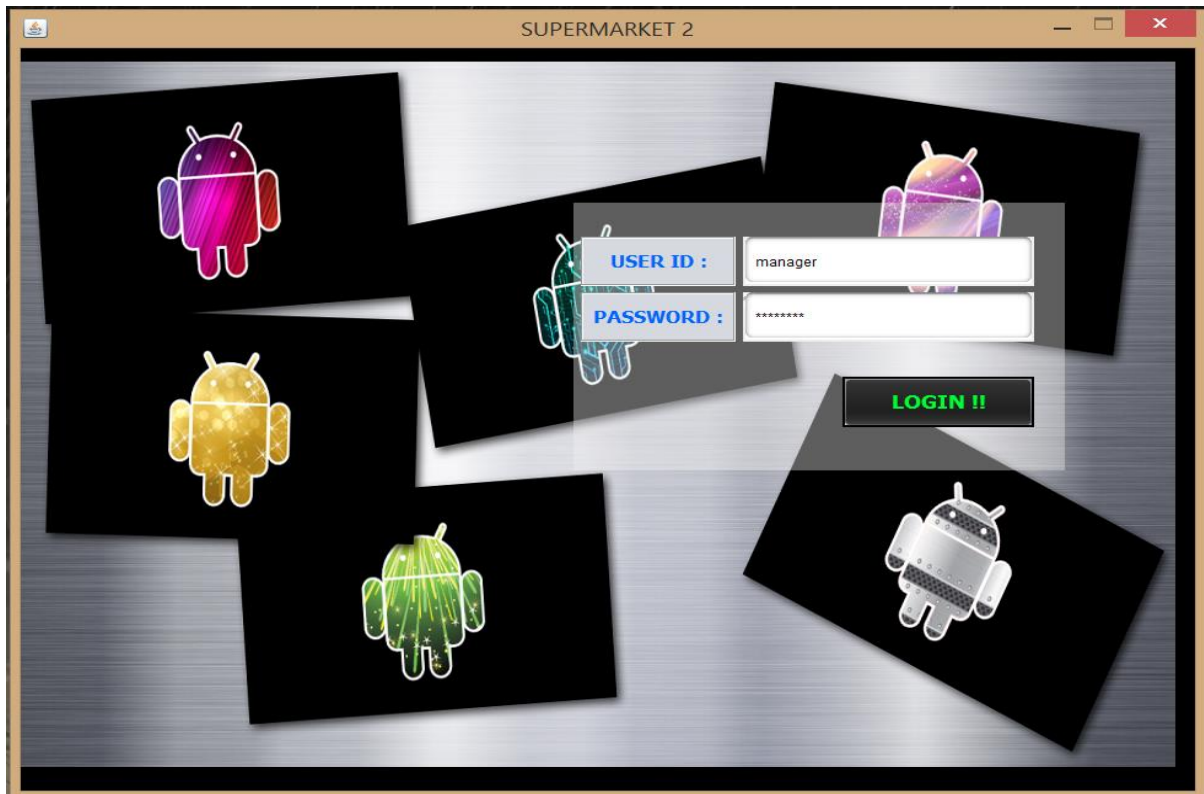
transaction 1 x

B. Black Box Testing

3.0. Use Cases: Manger

3.1. Login

Before:

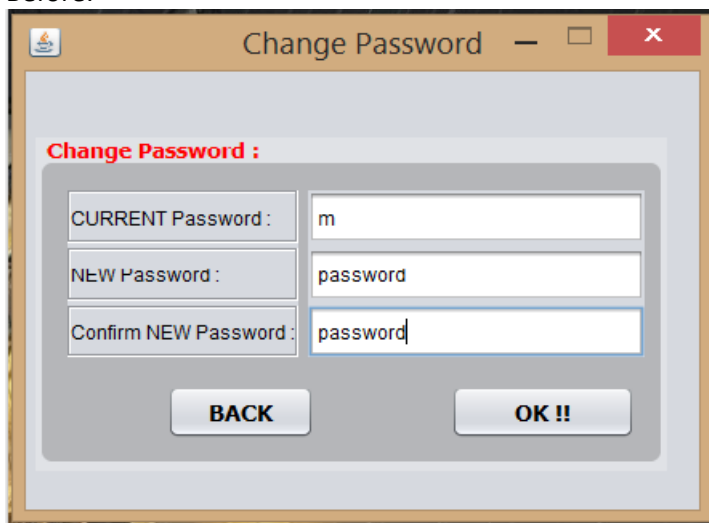


After:



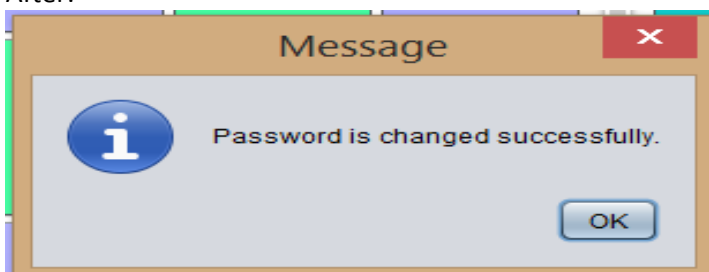
3.2. Change Password

Before:



The screenshot shows a 'Change Password' dialog box with a title bar containing a minimize button, a maximize button, and a close button. The dialog has a light gray background. At the top, the text 'Change Password :' is displayed in red. Below this, there are three input fields arranged vertically. The first field is labeled 'CURRENT Password :' and contains the text 'm'. The second field is labeled 'NEW Password :' and contains the text 'password'. The third field is labeled 'Confirm NEW Password :' and contains the text 'password'. At the bottom of the dialog, there are two buttons: 'BACK' on the left and 'OK !!' on the right.

After:



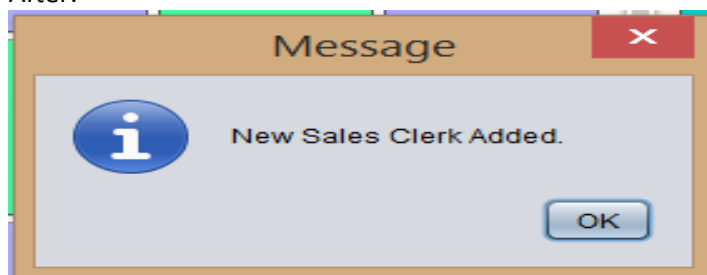
3.3. Add Employee

Before:



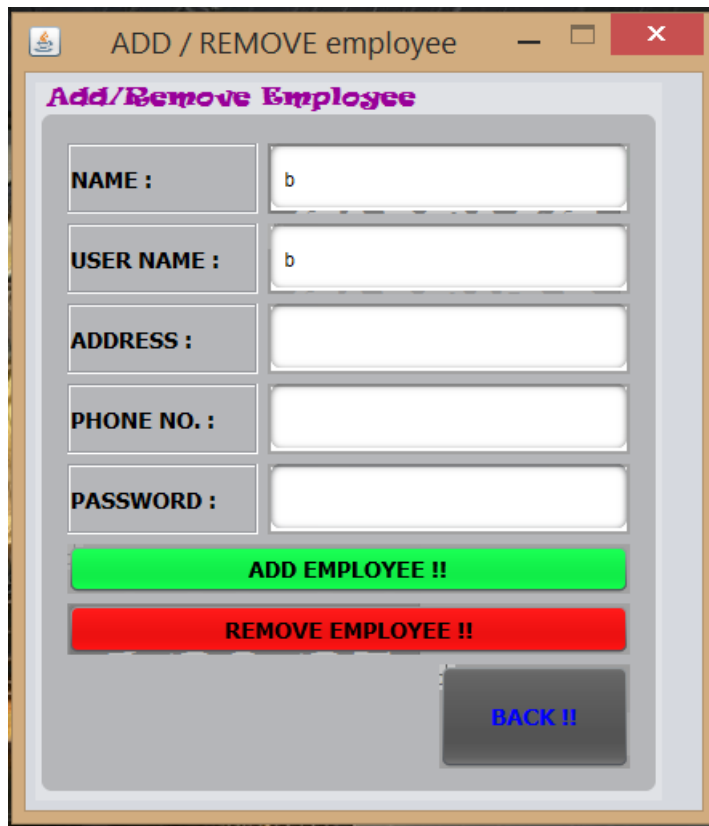
The screenshot shows a window titled "ADD / REMOVE employee" with a standard Windows-style title bar (minimize, maximize, close buttons). The window contains a form titled "Add/Remove Employee" in purple text. The form has five input fields, each with a label to its left: "NAME :", "USER NAME :", "ADDRESS :", "PHONE NO. :", and "PASSWORD :". The values entered in these fields are "rahul gurnani", "rahul", "R.P. hall", "9123456780", and "*****" respectively. Below the input fields are three buttons: a green button labeled "ADD EMPLOYEE !!", a red button labeled "REMOVE EMPLOYEE !!", and a grey button labeled "BACK !!".

After:



3.4. Remove Employee

Before:



ADD / REMOVE employee

Add/Remove Employee

NAME : b

USER NAME : b

ADDRESS :

PHONE NO. :

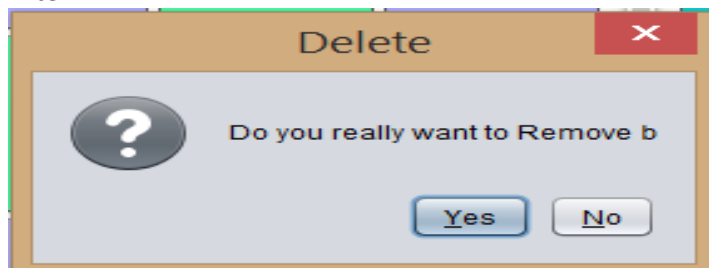
PASSWORD :

ADD EMPLOYEE !!

REMOVE EMPLOYEE !!

BACK !!

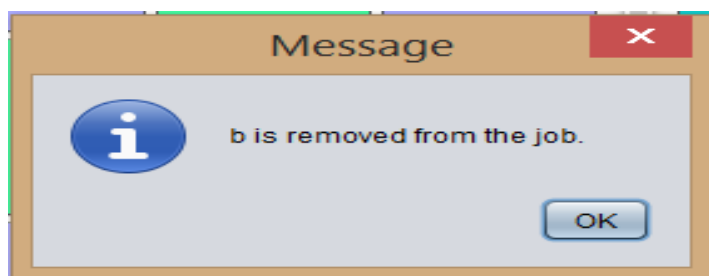
After:



Delete

Do you really want to Remove b

Yes **No**



Message

b is removed from the job.

OK

3.5. Show Sales Statistics

Before:

Item ID : ab123
 Quantity : 7.19999999552965
 Name : munch
 Unit Price : 5.0
 Profit / Unit : -3.40972222573624

ADD to INV

13/4/2014 10:31:17

Change Password ADD Employee See Inventory

munch perk dairymilk lux luxury life dettol det deto demo demr drmr phy che mat

Change Pr. Sale Stat.

7 8 9 4 5 6 1 2 3 . 0 00 Clear Quant... Unit p... P/Unit

LOGOUT !!

After:

Item ID : ab123
 Quantity : 7.19999999552965
 Name : munch
 Unit Price : 5.0
 Profit / Unit : -3.40972222573624

Statistics

Serial No. :	Date :	Quantity :	Profit :
1	04/04/2014	4.0	9.0
2	05/04/2014	1.5	3.375
3	06/04/2014	0.30000000...	0.67500001...

Total Profit : 13.050000010058284/-

Enter Duration:
 Start Date: 01 Apr 2014
 End Date: 16 May 2014
 SUBMIT

munch
 ID: ab123
 PRICE: 5.0
 QTY: 7.19999999552965
 PROFIT/UNIT: -3.40972222573624

BACK !!

LOGOUT !!

3.6. See Inventory

Before:

After:

Serial No.	Item Name	Quantity	Unit Price	Profit per Unit
1	munch	7.199999995529...	5.0	-3.40972222573...
2	perk	0.960000038146...	5.5	1.5
3	dairymilk	0.0	5.0	1.0
4	lux	11.0	20.0	2.0
5	luxy	3.0	20.0	2.0
6	life	3.0	20.0	2.0
7	dettol	5.0	20.0	2.0
8	det	5.0	20.0	2.0
9	deto	5.0	20.0	2.0
10	demo	5.0	20.0	2.0
11	demr	3.0	20.0	2.0
12	drmr	4.8	20.0	2.0
13	phy	4.8	20.0	2.0
14	che	4.0	20.0	5.0
15	mat	3.0	20.0	0.0
16	mati	8.0	20.0	7.0
17	mato	5.0	21.0	3.0
18	don chocolate	1.0	10.0	7.5
19	asdq	3.799999952316...	5.0	2.0
20	soap	17.0	25.0	5.0
21	a	1.0	1.0	0.5
22	b	1.0	2.0	1.0
23	vatsalya	12.0	1.021999955177...	229.75
24	apple fr	10.0	12.0	2.0
25	mango fr	11.0	17.0	2.0

3.7. Change Item Price

Before:

The screenshot shows the 'SUPERMARKET 2' application window. On the left, there is a form with the following fields: Item ID (b6), Quantity (7.0), Name (charger), Unit Price (500.0), and Profit / Unit (50.0). To the right of this form is a large pink button labeled 'ADD to INV'. Below the form is a grid of item buttons: mati, mato, don chocolate, asdq, soap, a, b, vatsalya, apple fr, mango fr, orange, peny, mouse, damru, and charger. To the right of this grid are two blue buttons: 'Change Pr.' and 'Sale Stat.'. At the bottom of the window is a red button labeled 'LOGOUT !!'. On the right side of the window, there is a date and time display showing '13/4/2014' and '4:42:35'. Below this are three buttons: 'Change Password', 'ADD Employee', and 'See Inventory'. A numeric keypad is also present on the right side. An 'Input' dialog box is open in the center, asking 'Please give new Price value.' with the value '475' entered. The dialog has 'OK' and 'Cancel' buttons.

After:

The screenshot shows the 'SUPERMARKET 2' application window after the price change. A 'Message' dialog box is open, displaying an information icon and the text 'New price is set.' with an 'OK' button. The main application window shows the same form as before, but with updated values: Unit Price (475.0) and Profit / Unit (25.0). The 'ADD to INV' button remains pink. The item grid and buttons are the same. The date and time display now shows '13/4/2014' and '10:47:33'. The numeric keypad is also present. The 'LOGOUT !!' button is at the bottom.

3.8. Add to Inventory

3.8.1. Existing Items

Before:

The screenshot shows the 'SUPERMARKET 2' application window. On the left, there is a form for adding an item to the inventory. The fields are: Item ID (ab126), Quantity (2), Name (empty), Unit Price (empty), and Profit / Unit (2.0). A large pink button labeled 'ADD to INV' is next to the form. Below the form is a grid of item names: munch, perk, dairymilk, lux, luxy, life, dettol, det, deto, demo, demr, drmr, phy, che, mat. To the right of this grid are two blue buttons: 'Change Pr.' and 'Sale Stat.'. At the bottom of the form area is a red button labeled 'LOGOUT !!'. On the right side of the window, there is a date and time display showing '13/4/2014' and '4:45:9'. Below this are three cyan buttons: 'Change Password', 'ADD Employee', and 'See Inventory'. At the bottom right is a numeric keypad with digits 0-9, a decimal point, and a '00' button, along with 'Clear', 'Quant...', 'Unit p...', and 'P/Unit' buttons.

After:

Result: Success

3.8.2. New Items

Before:

The screenshot shows the 'SUPERMARKET 2' application window. On the left, there is a form for adding a new item to the inventory. The fields are: Item ID (calc), Quantity (20), Name (calculator), Unit Price (1000), and Profit / Unit (75). A large pink button labeled 'ADD to INV' is next to the form. Below the form is a grid of item names: munch, perk, dairymilk, lux, luxy, life, dettol, det, deto, demo, demr, drmr, phy, che, mat. To the right of this grid are two blue buttons: 'Change Pr.' and 'Sale Stat.'. At the bottom of the form area is a red button labeled 'LOGOUT !!'. On the right side of the window, there is a date and time display showing '13/4/2014' and '4:46:50'. Below this are three cyan buttons: 'Change Password', 'ADD Employee', and 'See Inventory'. At the bottom right is a numeric keypad with digits 0-9, a decimal point, and a '00' button, along with 'Clear', 'Quant...', 'Unit p...', and 'P/Unit' buttons.

After:

Result: Success

3.9. Get Item Details

Before:

The screenshot shows the 'SUPERMARKET 2' application window. On the left, there are input fields for 'Item ID', 'Quantity', 'Name', 'Unit Price', and 'Profit / Unit', all of which are empty. To the right of these fields is a large pink button labeled 'ADD to INV'. Below the input fields is a grid of item buttons: 'munch', 'perk', 'dairymilk', 'lux', 'luxy', 'life', 'dettol', 'det', 'deto', 'demo', 'demr', 'drmr', 'phy', 'che', and 'mat'. To the right of this grid are two blue buttons: 'Change Pr.' and 'Sale Stat.'. At the bottom of the left section is a red 'LOGOUT !!' button. On the right side of the window, there is a date and time display showing '13/4/2014' and '10:14:13'. Below this are three cyan buttons: 'Change Password', 'ADD Employee', and 'See Inventory'. At the bottom right is a numeric keypad with buttons for digits 0-9, a decimal point, and a '00' button. To the right of the keypad are four cyan buttons: 'Clear', 'Quant...', 'Unit p...', and 'P/Unit'.

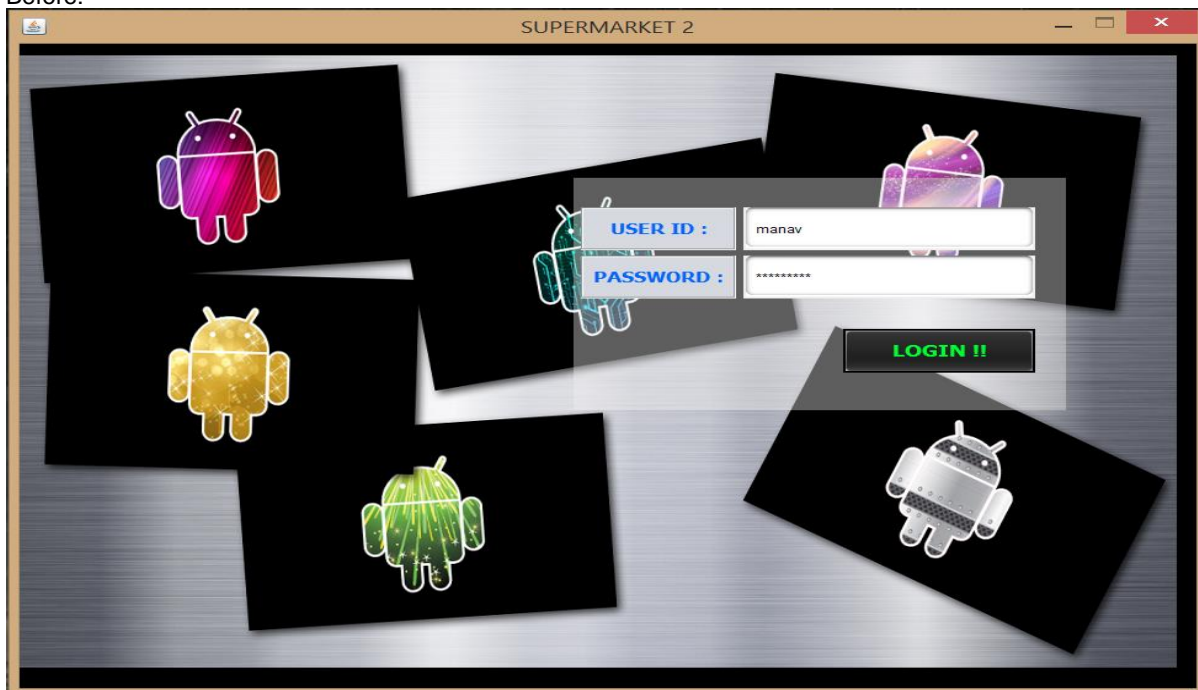
After:

The screenshot shows the 'SUPERMARKET 2' application window after data has been entered. The input fields on the left now contain: 'Item ID' is 'b6', 'Quantity' is '7.0', 'Name' is 'charger', 'Unit Price' is '475.0', and 'Profit / Unit' is '25.0'. The pink 'ADD to INV' button remains. The grid of item buttons now includes: 'mati', 'mato', 'don chocolate', 'asdq', 'soap', 'a', 'b', 'vatsalya', 'apple fr', 'mango fr', 'orange', 'peny', 'mouse', 'damru', and 'charger'. The blue 'Change Pr.' and 'Sale Stat.' buttons are still present. The red 'LOGOUT !!' button is at the bottom. The date and time display on the right now shows '13/4/2014' and '10:47:33'. The cyan buttons 'Change Password', 'ADD Employee', and 'See Inventory' are still there. The numeric keypad and the 'Clear', 'Quant...', 'Unit p...', and 'P/Unit' buttons are also present.

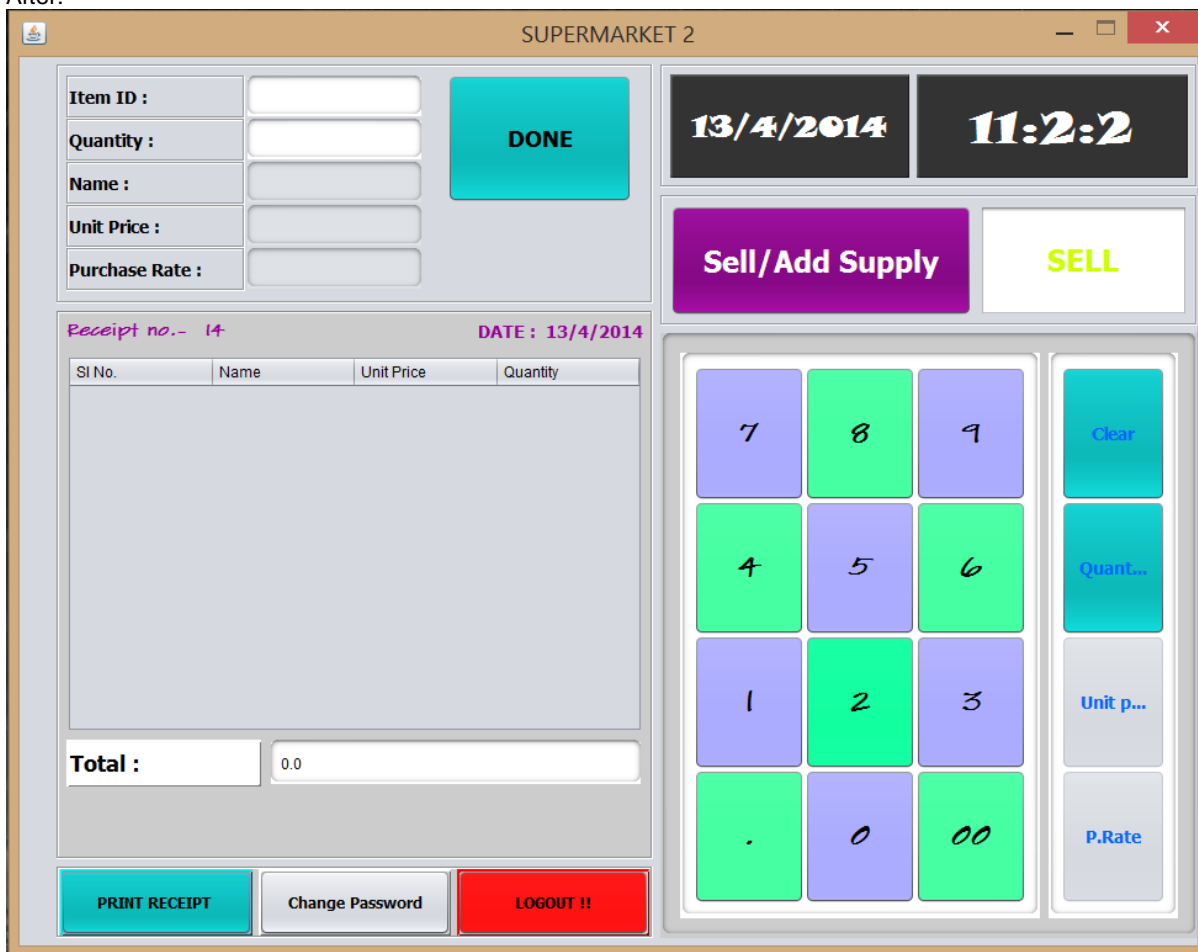
4.0. Use Cases: Sales Clerk

4.1. Login

Before:



After:



4.2. Add to inventory**4.2.1. Existing Items**

Before:

Item ID : ab126

Quantity : 3

Name :

Unit Price :

Purchase Rate : 18

DONE

13/4/2014 7:53:39

Sell/Add Supply **ADD SUPPLY**

Receipt no. : DATE : 13/4/2014

SI No.	Name	Unit Price	Quantity
1	lux	20.0	9

PRINT RECEIPT **Change Password** **LOGOUT !!**

7 8 9 Clear

4 5 6 Quant...

1 2 3 Unit p...

. 0 00 P.Rate

After:

Result: Success

4.2.2. New Items

Before:

The screenshot shows the 'SUPERMARKET 2' application window. At the top, there's a header with the date '13/4/2014' and time '7:55:17'. Below the header, there are two main buttons: 'Sell/Add Supply' and 'ADD SUPPLY'. The left side of the interface contains input fields for 'Item ID', 'Quantity', 'Name', 'Unit Price', and 'Purchase Rate'. The 'Item ID' field contains 'jami' and 'Quantity' contains '10'. A 'DONE' button is next to these fields. Below the input fields is a 'Receipt no.' section with a table showing one item: 'lux' with a unit price of '20.0' and quantity of '3'. A message dialog box is overlaid on the receipt table, displaying the text: 'Please Enter NAME and UNIT SELL PRICE of new item.' with an 'OK' button. At the bottom, there are buttons for 'PRINT RECEIPT', 'Change Password', and 'LOGOUT !!'. On the right side, there is a numeric keypad with buttons for digits 0-9, a decimal point, and a 'Clear' button, along with buttons for 'Quant...', 'Unit p...', and 'P.Rate'.

SI No.	Name	Unit Price	Quantity
1	lux	20.0	3

After:

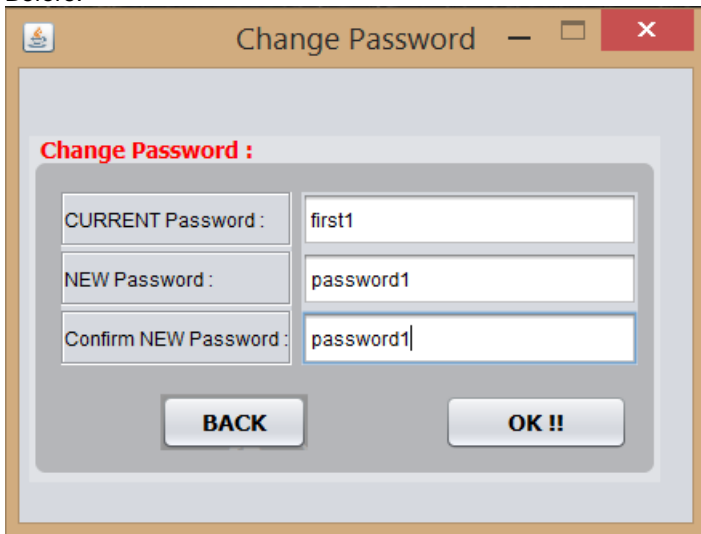
Result: Success

The screenshot shows the 'SUPERMARKET 2' application window after successfully adding a new item. The date and time are now '13/4/2014' and '7:55:59'. The 'ADD SUPPLY' button is highlighted in green. The 'Receipt no.' section now shows two items in the table: 'lux' with a unit price of '20.0' and quantity of '3', and 'JAM' with a unit price of '18' and quantity of '10'. The message dialog box is no longer present. The rest of the interface, including the input fields, numeric keypad, and bottom buttons, remains the same.

SI No.	Name	Unit Price	Quantity
1	lux	20.0	3
2	JAM	18	10

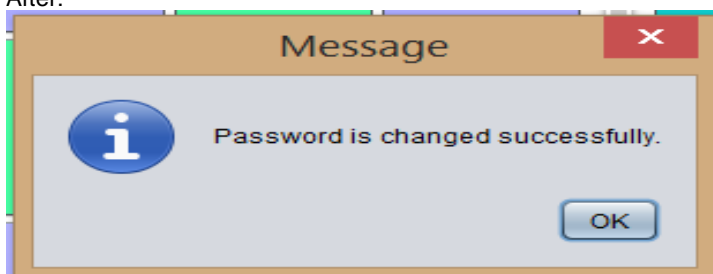
4.3. Change Password

Before:



The 'Change Password' dialog box has a title bar with a close button. Inside, the text 'Change Password :' is in red. There are three input fields: 'CURRENT Password :' with the value 'first1', 'NEW Password :' with the value 'password1', and 'Confirm NEW Password :' with the value 'password1'. At the bottom are two buttons: 'BACK' and 'OK !!'.

After:



Before:

After:

27

4.5. Print Receipt

Before:

The screenshot shows the 'SUPERMARKET 2' application window. On the left, there are input fields for 'Item ID', 'Quantity', 'Name', 'Unit Price', and 'Purchase Rate', along with a 'DONE' button. Below these is a receipt preview area showing 'Receipt no.- 16' and 'DATE: 13/4/2014'. The receipt table lists four items: JAM (18.0, 3.5), mango fr (17.0, 2), apple fr (12.0, 3), and calculator (1000.0, 5). The total is 5133.0. At the bottom are buttons for 'PRINT RECEIPT', 'Change Password', and 'LOGOUT !!'. On the right, there's a date and time display (13/4/2014, 11:21:8), a 'Sell/Add Supply' button, a 'SELL' button, and a numeric keypad with buttons for digits 0-9, a decimal point, and a 'Clear' button. There are also buttons for 'Quant...', 'Unit p...', and 'P.Rate'.

SI No.	Name	Unit Price	Quantity
1	JAM	18.0	3.5
2	mango fr	17.0	2
3	apple fr	12.0	3
4	calculator	1000.0	5

Total : 5133.0

After:

The screenshot shows the same 'SUPERMARKET 2' application window, but with a 'Print' dialog box open in the foreground. The dialog box is titled 'Print' and shows the printer 'Microsoft XPS Document Writer' with status 'Ready'. It has options for 'Print range' (All, Pages, Selection) and 'Copies' (Number of copies: 1, Collate). The 'Print' button is highlighted. The background application window is partially obscured by the dialog box.

Printer: Microsoft XPS Document Writer
Status: Ready
Type: Microsoft XPS Document Writer v4
Where: PORTPROMPT:
Comment: ☐ Print to file

Print range:
☒ All
☐ Pages from: 1 to: 9999
☐ Selection

Copies:
Number of copies: 1
☐ Collate

OK Cancel

Thank you...