

```
PS C:\Users\iamth\desktop\LatestTest2> javac
PS C:\Users\iamth\desktop\LatestTest2> java
=====Login Menu=====
Test Build: username is 'AUser' for manager,
Enter username: |
```

This is the initial screen when the program runs. For the time being, to use manager access enter “AUser” in the field or “BUser” for employee access. Manager’s have access to all functions, employee’s do not have full access to the program.

```
=====Login Menu=====
Test Build: username is 'AUser' for manager,
Enter username: AUser
Test Build: password is 'pass'
```

Also for the time being, enter “pass” to get through login.

```
=====Hardware Store User=====
1. Tickets Menu
2. Inventory Menu
3. Customer Menu
4. Staff Menu
5. Purchase Menu
6. Store Info
```

Here we have the main menu for the program. Enter only numbers 1 through 8 according to desired destination.

Ticket Menu Walkthrough

```
0. Exit Program
Enter your choice
-----Ticket Menu-----
1. Create a Ticket
2. Read a Ticket
3. Update a Ticket
```

```
4. Return to Main Menu
Enter your choice: 1
Enter the subject:
Add drills to inventory
Enter the priority 1-3:
3
Enter the recipient:
Frank
Enter the message:
```

When option 1 is selected, the user is able to enter the subject for the ticket. Next is the priority level for the ticket, for viewing purposes. Afterwards the user is asked to enter the recipients name, in this case Frank the assistant manager. The following input is the message, and last the user is able to create a ticket number for the ticket. Ticket numbers are needed for reading or updating tickets, don't forget these.

```
Ticket created successfully. The ticket number is
-----Ticket Menu-----
1. Create a Ticket
2. Read a Ticket
3. Update a Ticket
4. Return to Main Menu
Enter your choice: 2
Enter the ticket number: 7
```

After the ticket is created successfully, you're able to read the ticket if you remembered the ticket number. From the start of the program, you're able to read ticket numbers : 2, 3, and 4 from which after you create tickets you can access those as well. If you enter a ticket number that doesn't exist, you'll be returned to the Ticket Menu. In the picture, you can see everything entered from our created ticket #7. The program takes you automatically back to the Ticket Menu.

```
-----Ticket Menu-----  
1. Create a Ticket  
2. Read a Ticket  
3. Update a Ticket  
4. Return to Main Menu  
Enter your choice: 3  
Enter the ticket number:  
Enter 1 to Update Subject  
Enter 2 to Update Message  
1
```

```
Enter the ticket number: 6  
Number is not a ticket. Returning  
-----Ticket Menu-----  
1. Create a Ticket  
2. Read a Ticket  
3. Update a Ticket  
4. Return to Main Menu  
Enter your choice: 4  
Returning to Main Menu  
=====Hardware Store User Menu=====  
1. Tickets Menu  
2. Inventory Menu  
3. Customer Menu
```

Entering 4 in the Ticket Menu will take you back to the Main Menu.

Inventory Menu Walkthrough

```
Enter your choice:  
-----Inventory Men  
1. Find an Item  
2. View Inventory  
3. Return to Main M  
4. Manager Create
```

Entering 2 in the Main Menu will bring you to the inventory menu. This menu has functions only managers can use, and the system checks for the credentials. Enter 1 to find an item. From the start of the program, you may enter 1, 2, 3, and 4 and after a manager creates an item you'll be able to view that if you remember the item number.

```
Enter item number:  
Item Name: Wrench  
Item Details: It's  
Item Price: 5.99  
Item Quantity: 15  
Item Location: A1  
-----Inventory Men  
1. Find an Item  
2. View Inventory  
3. Return to Main M
```

```
Enter your choice: 2
Name | Item Number | Price | Quan
default|1|No price|0|Store
Wrench|2|5.99|15|A1
Tape Measure|3|8.99|50|B1
Screwdriver|4|3.99|10|B2
```

Option 2 in the Inventory Menu will give a report of all items in the database. Option 3 will take you back to the Main Menu, but let's take a look at Option 4.

```
-----Inventory Menu-----
1. Find an Item
2. View Inventory
3. Return to Main Menu
4. Manager Create
5. Manager Update
6. Manager Delete
Enter your choice: 4
Enter item name:
Drill
Enter item details:
Hand drill
Enter item quantity:
5000
Enter item price:
79.99
Enter item location:
```

```
Enter item number:
1. Update name
2. Update details
3. Update price
4. Update quantity
5. Update location
5
Enter new location:
C3
```

```
Enter item number: 1
Item deleted successfully.
-----Inventory Menu-----
1. Find an Item
2. View Inventory
3. Return to Main Menu
4. Manager Create
5. Manager Update
6. Manager Delete
Enter your choice: 2
```

When you select Option 6 to delete an item from inventory, you are able to enter the item number. In the picture you can see we deleted item number 1, and the report shown is updated with the new location for the new item in inventory.

```
=====Hardware Store User
1. Tickets Menu
2. Inventory Menu
3. Customer Menu
4. Staff Menu
5. Purchase Menu
6. Store Info
7. Manager Menu
8. Exit Program
Enter your choice: 4
-----Staff Menu-----
```

In the Staff Menu, you're able to show Staff Info then you enter "George" or "Frank" at start up. Show schedule show's the current week's schedule for the store. The staff report is a catalog of all current employees and the information associated with them.

Manager Menu Walkthrough

```
=====Hardware Store User
1. Tickets Menu
2. Inventory Menu
3. Customer Menu
4. Staff Menu
5. Purchase Menu
6. Store Info
7. Manager Menu
8. Exit Program
Enter your choice: 7
Manager Menu
```

The main section of the Manager Menu lets you create, update, and delete staff. After using any function, you will be returned to the Main Menu.

```
Manager Menu
1. Create Staff
2. Update Staff
3. Delete Staff
4. Return to Main Menu
Enter your choice: 2
1. Update id
2. Update Title
3. Update Email
4. Update Phone
5. Update PTO
6. Update Sick Time
7. Update Unpaid Time
Enter your choice: 3
```

```
Manager Menu
1. Create Staff
2. Update Staff
3. Delete Staff
4. Return to Main Menu
Enter your choice: 3
Enter name of employee to delete:
Frank
=====Hardware Store User Menu
1. Tickets Menu
2. Inventory Menu
3. Customer Menu
4. Staff Menu
5. Purchase Menu
6. Store Info
7. Manager Menu
8. Exit Program
Enter your choice: 4
```


When you delete an employee, you'll have to enter their name. If you need to see the changes, you can view them in the Staff Menu.

Exit Program Walkthrough

```
=====Hardware Store User Menu=====
1. Tickets Menu
2. Inventory Menu
3. Customer Menu
4. Staff Menu
5. Purchase Menu
6. Store Info
7. Manager Menu
```

Customer Menu:

The customer menu can be accessed by entering option 3 in the main user menu.

```
=====Hardware Store User Menu=====
1. Tickets Menu
2. Inventory Menu
3. Customer Menu
4. Staff Menu
5. Purchase Menu
6. Store Info
7. Manager Menu
8. Exit Program
Enter your choice: 3
=====Customer Menu=====
1. View All Customers
```

To view all customers currently in the database, enter option 1:

```
=====Customer Menu=====
1. View All Customers
2. View Specific Cust
3. Create New Custome
4. Update Customer
6. Exit
Enter your choice: 1
=====Customer Menu=====
1. View All Customers
2. View Specific Cust
```

At this time the list will not display anything since there are no customers in the database.

```
=====Customer Menu=====
1. View All Customers
2. View Specific Customer
3. Create New Customer
4. Update Customer
6. Exit
Enter your choice: 2
Enter reward number: 1
Customer with reward number:
=====Customer Menu=====
1. View All Customers
```

Entering option 2 allows you to search specific customers by reward number. Again, since there are no users in the database, a message stating the user was not found appears.

Entering option 3 allows you to create new customers to be added to the database. You will be prompted to enter the customer's full name, phone number, reward number, and starting reward point value which will typically be 0.

```
=====Customer Menu=====
1. View All Customers
2. View Specific Customer
3. Create New Customer
4. Update Customer
6. Exit
Enter your choice: 3
Enter customer name: Justin Ho
Enter customer phone number: 5
Enter reward number: 1
Enter reward points: 0
Customer created successfully.
=====Customer Menu=====
```

Now that a customer has been added, use option 1 again to display all current customers.

```
=====Customer Menu=====
1. View All Customers
2. View Specific Customer
3. Create New Customer
4. Update Customer
6. Exit
```

Similarly, using option 2 will let us search for this customer by their reward number:

```
=====Customer Menu=====
1. View All Customers
2. View Specific Customer
3. Create New Customer
4. Update Customer
6. Exit
```

Option 4 can be used to update customers that are already in the database.

This example shows us changing the customer's phone number and reward points:

```
=====Customer Menu=====
1. View All Customers
2. View Specific Customer
3. Create New Customer
4. Update Customer
6. Exit
Enter your choice: 4
Enter reward number of the customer to update: 1
Enter new customer name: Justin Hovious
Enter new customer phone number: 123-456-7891
Enter new reward points: 100
Customer updated successfully.
=====Customer Menu=====
1. View All Customers
```

Option 5 (not complete) shows a purchase menu that allows users to get a subtotal and check out

```
Enter your choice: 5
===== Checkout =====
Subtotal: $0.0
(Enter item number '1' to add items)
(Enter '0' when ready to checkout)
Enter your choice: 1
Enter item number to add to cart (1 for demonstration pu
1
Item Name: default
Item Number: 1
Item Price: $20
Item Quantity: 100
Enter quantity:
```

checkout completed. Subtotal: \$1000.00

===== Checkout =====

Subtotal: \$1000.0

(Enter item number '1' to add items)

(Enter '0' when ready to checkout)

Enter your choice: 0

Proceeding to payment...

Enter total amount: 1000

Enter payment type (card/cash): card

Enter customer lookup: customer123

Enter rewards number: 00001

Enter tax amount: 25.00

Payment type: card

You have selected a card payment.

Transaction Number: 277409

Payment processed successfully.

=====Hardware Store User Menu=====