



## Team F2T9 (TEAM JOHN)

Welcome to the AntLife POS system.

The following document will contain:

1. A list of all extras added to enhance user experience
2. A list of current usable passwords for testing accounts
3. A user manual with screenshot walkthroughs
4. A table containing the test data we used.

## **PROGRAM EXTRAS**

- **SHA 256 encryption for all sensitive data**
- **Random Salt of each piece of sensitive data**
- **Color setting changeable while program is running to one of many different styles**
  - **Email password recovery with working email and six-digit code**
- **Automatically converts currency to USD or CAD depending on user's country**
  - **Zip code and state/providence boxes change based upon user's country**
    - **Custom logo and buttons**
      - **User Manual**

## **PROGRAM PASSWORDS**

### **CUSTOMER**

**EMAIL:** TEST@CUSTOMER.COM

**PASSWORD:** test1234

### **EMPLOYEE**

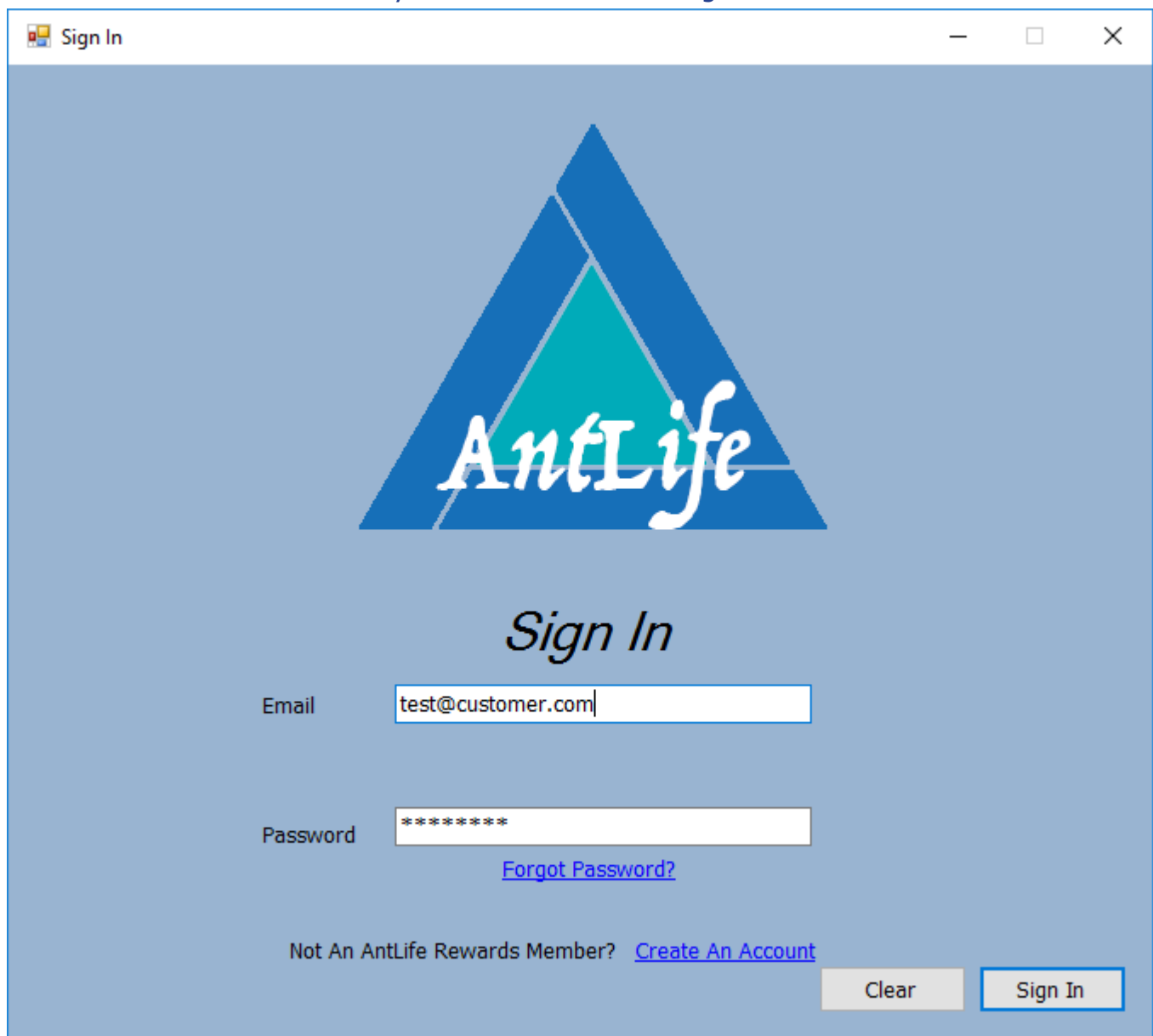
**EMAIL:** TEST@EMPLOYEE.COM

**PASSWORD:** test1234

**For the customer experience, see page 3. For the Employee experience, please see page 12.**

## CUSTOMER EXPERIENCE

Our login screen will detect whether you are an employee or a customer by checking database records with your email. Use this to login as a customer.



The screenshot shows a web browser window titled "Sign In". The background is a solid blue color. In the center, there is a large logo consisting of a blue triangle with a teal triangle inside it. The word "AntLife" is written in a white, cursive font across the middle of the triangles. Below the logo, the text "Sign In" is displayed in a black, italicized serif font. Underneath, there are two input fields: "Email" with the text "test@customer.com" and "Password" with masked characters "\*\*\*\*\*". To the right of the password field is a blue hyperlink that says "Forgot Password?". At the bottom left, there is a line of text: "Not An AntLife Rewards Member? [Create An Account](#)". At the bottom right, there are two buttons: a grey "Clear" button and a blue "Sign In" button.

Sign In

AntLife

*Sign In*

Email

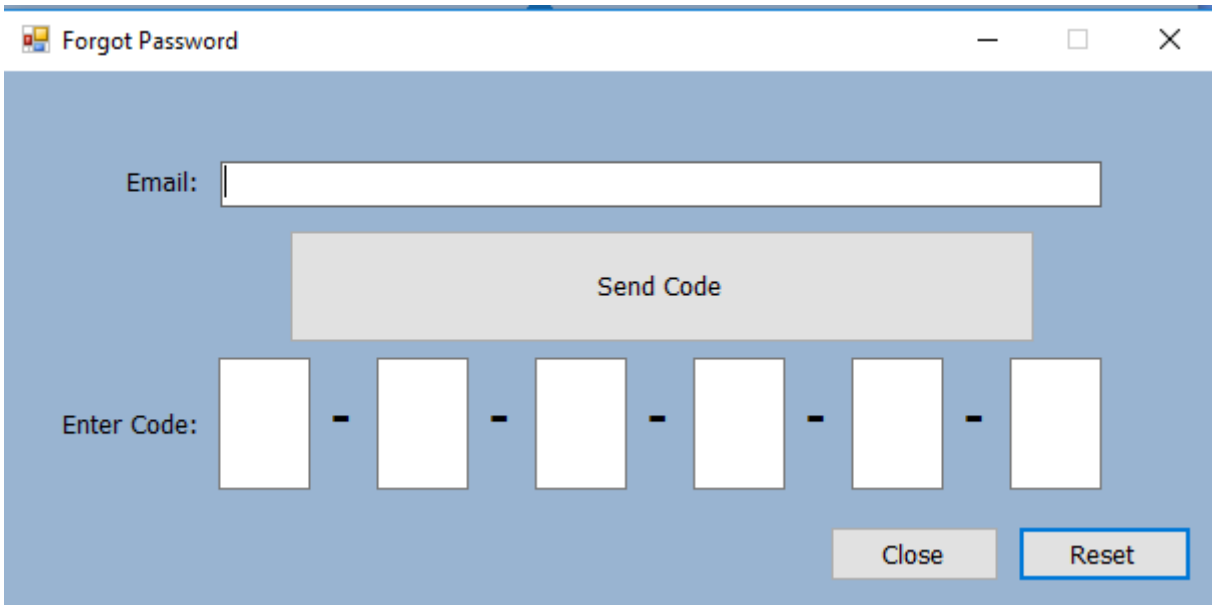
Password

[Forgot Password?](#)

Not An AntLife Rewards Member? [Create An Account](#)

Clear Sign In

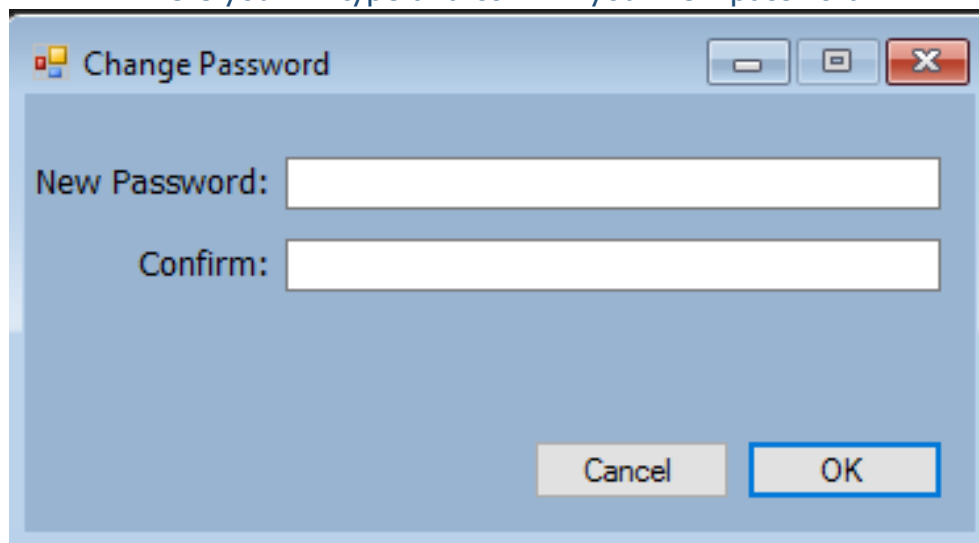
If you have forgotten your password, simply click forgot password underneath the password field. This will open a dialog box that asks for your email. If you enter your email correctly, you will receive an email with a security code. Enter this code in the text boxes labeled "Enter Code"



The "Forgot Password" dialog box has a light blue background. At the top, it has a title bar with a small icon and the text "Forgot Password". Below the title bar, there is a label "Email:" followed by a white text input field. Underneath the input field is a large, light gray button labeled "Send Code". Below the "Send Code" button, there is a label "Enter Code:" followed by six white text input boxes, each separated by a hyphen. At the bottom right of the dialog, there are two buttons: "Close" and "Reset".

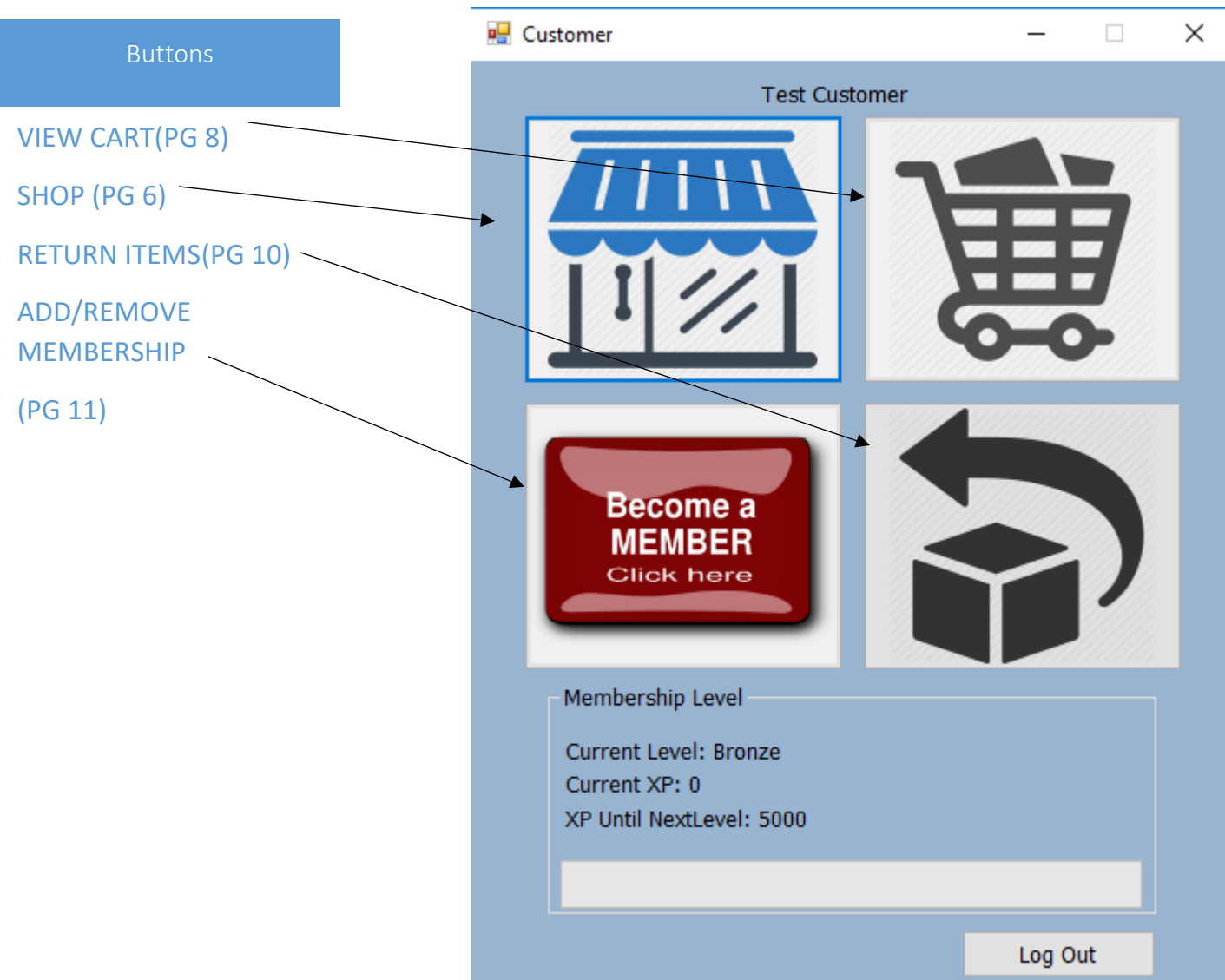
(\*FOR TESTING\*: create an account with your actual email and then click forgot password on the login screen. You will be prompted to enter your email. Enter your actual email here to demonstrate the programs functionality.)

If the code is entered properly you will see a new form on the screen called change password. This is where you will type and confirm your new password.



The "Change Password" dialog box has a light blue background. At the top, it has a title bar with a small icon and the text "Change Password". Below the title bar, there are two labels: "New Password:" and "Confirm:", each followed by a white text input field. At the bottom right of the dialog, there are two buttons: "Cancel" and "OK".

Once successfully logged in as a customer, you will see the main menu for customers.



Upon clicking the Shop button, you will be presented with a catalog full of the current products. Here you can change the category of shown items, add multiple items to the cart by using the quantity increaser/remover, and even open your cart directly from the shop.

Shop

Select A Category...

productID	productName	productDesc
1	Jack Davidson 1.75L	1.75L of hand made whisky
2	Jack Davidson 750ml	750ml of hand made whisky
3	Jack Davidson 50ml	50ml of hand made whisky
4	Grey Duck 1.75L	1.75L of imported vodka
5	Grey Duck 750ml	750ml of imported vodka
6	Grey Duck 50ml	50ml of imported vodka
7	Goodwiser 24pk	24 pk of craft original beer from the rockies
8	Carlboro Crimson pk	Pack of Carlboro cigarettes
9	Carlboro Crimson carton	Carton of Carlboro cigarettes
10	Carlboro Lite pk	Pack of Carlboro cigarettes
11	Carlboro Lite carton	Carton of Carlboro cigarettes
12	Skole Straight Can	Skole dipping tobacco one can
13	Fauxbreze 9.7OZ	Air Freshener
14	Dysol Disinfectant 9.7OZ	Antibacterial Disinfectant
15	Flade 9.7 OZ	Air Freshener
16	DeGrease Men Deoderant 3OZ	Mens Deoderant One Unit
17	DeGrease Women Deoderant 3OZ	Womens Deoderant One Unit
18	New Spice Men Deoderant 3OZ	Mens Deoderant One Unit

Qty. to Add

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1

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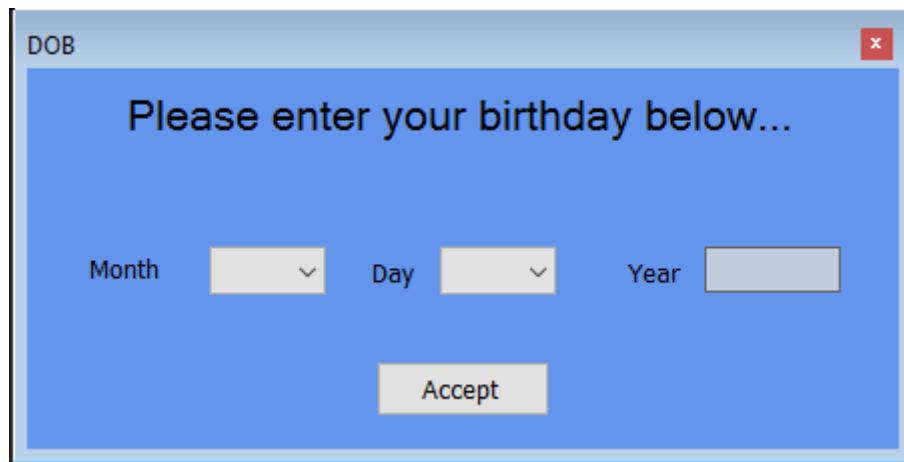
Add To Cart

View Cart

Close

If you are purchasing alcohol or tobacco, you will be prompted to enter your birthday. If you enter your birthday correctly and you are of age, you will be allowed to purchase this item

**\*AGE IS DIFFERENT FOR ALCOHOL AND TOBACCO\***

A screenshot of a software dialog box titled "DOB" with a red close button in the top right corner. The dialog box has a blue background and contains the text "Please enter your birthday below...". Below this text are three input fields: "Month" with a dropdown arrow, "Day" with a dropdown arrow, and "Year" with a text input field. At the bottom center of the dialog box is an "Accept" button.

DOB


Please enter your birthday below...

Month  Day  Year

Accept

If you enter the incorrect date( wrong values or underage) you will not be able to purchase the item until you correct your date of birth.

Cart — □ ×



☐ Select All

Qty. to Edit

	Add To	productID	productName	productDesc	category	price	numStock	numInCart	detailID
▶	<input type="checkbox"/>	14	Dysol Disenfe...	Antibacterial ...	Household	6.99	0	1	0
	<input type="checkbox"/>	1	Jack Davidson...	1.75L of hand...	Alcohol	29.99	0	4	0
	<input type="checkbox"/>	2	Jack Davidson...	750ml of han...	Alcohol	19.99	0	2	0
	<input type="checkbox"/>	9	Carlbore Cri...	Carton of Car...	Tobacco	35.63	0	1	0
	<input type="checkbox"/>	3	Jack Davidson...	50ml of hand ...	Alcohol	5	0	2	0
	<input type="checkbox"/>	8	Carlbore Cri...	Pack of Carlb...	Tobacco	4.84	0	2	0
	<input type="checkbox"/>	12	Skole Straigh...	Skole dipping...	Tobacco	3.32	0	1	0

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Visa Ending in...1234 ▾
 

Add Different Card

\* Get totals must be selected if your selection changes before you are allowed to check out.

Payment Method  
☐ Credit Card
 ☒ Cash

Remove Item

Edit Cart Quantity

Get Totals

Checkout

Close

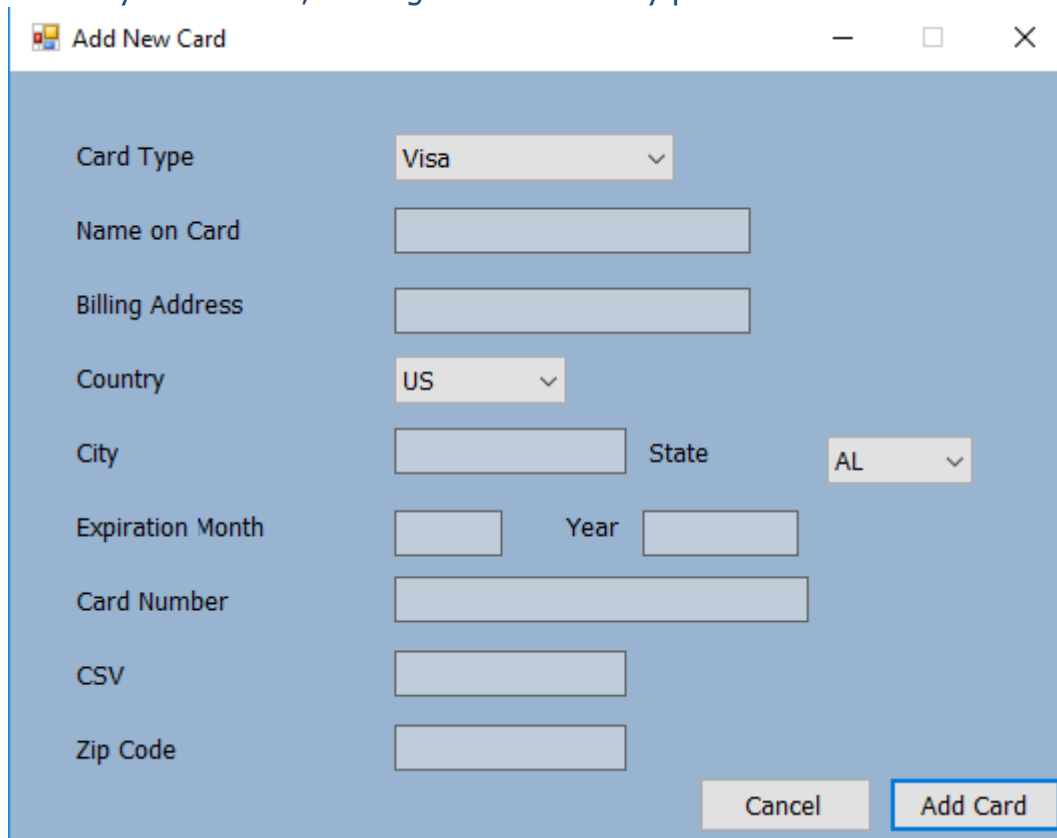
Here you have the option to select all the products in your cart, or to select one/ any amount of items out of your cart for checkout. Checkout will not allow you to purchase items that are no longer in stock.

**\*\*You must click get totals each time your selections are changed. This recalculates your purchase price for the items you have selected for purchase.\*\***

If you wish to pay with a credit card, you must select "credit card" radio button in the Payment Method group box. If you want to add a different card, simply click add different card. Otherwise, you may choose from your existing list of cards to complete the purchase.



Adding a new card to your account is simple. After selecting “Add Different Card”, you will be presented with the following form. If all data is entered correctly you will successfully add the card to your account, making it usable for any purchase in the future.




The image shows a screenshot of a web application window titled "Add New Card". The window has a light blue background and a white title bar with standard window controls (minimize, maximize, close). The form is organized into several rows, each with a label on the left and an input field on the right. The labels are: "Card Type", "Name on Card", "Billing Address", "Country", "City", "State", "Expiration Month", "Year", "Card Number", "CSV", and "Zip Code". The input fields are: a dropdown menu for "Card Type" (showing "Visa"), a text box for "Name on Card", a text box for "Billing Address", a dropdown menu for "Country" (showing "US"), a text box for "City", a dropdown menu for "State" (showing "AL"), two text boxes for "Expiration Month" and "Year", a text box for "Card Number", a text box for "CSV", and a text box for "Zip Code". At the bottom right of the form, there are two buttons: "Cancel" and "Add Card". The "Add Card" button is highlighted with a blue border.

Card Type	Visa
Name on Card	
Billing Address	
Country	US
City	
State	AL
Expiration Month	
Year	
Card Number	
CSV	
Zip Code	

Cancel Add Card

When you are happy with your choice of payment and choice of products, press checkout you will be returned to the menu. Thanks for your purchase!

 Returns
 —
□
×

☐ Item is Defective

	productID	productName	productDesc	category	price	expDate	isHazardous
▶	14	Dysol Disenfe...	Antibacterial ...	Household	6.99		<input type="checkbox"/>
	14	Dysol Disenfe...	Antibacterial ...	Household	6.99		<input type="checkbox"/>
	14	Dysol Disenfe...	Antibacterial ...	Household	6.99		<input type="checkbox"/>
	14	Dysol Disenfe...	Antibacterial ...	Household	6.99		<input type="checkbox"/>

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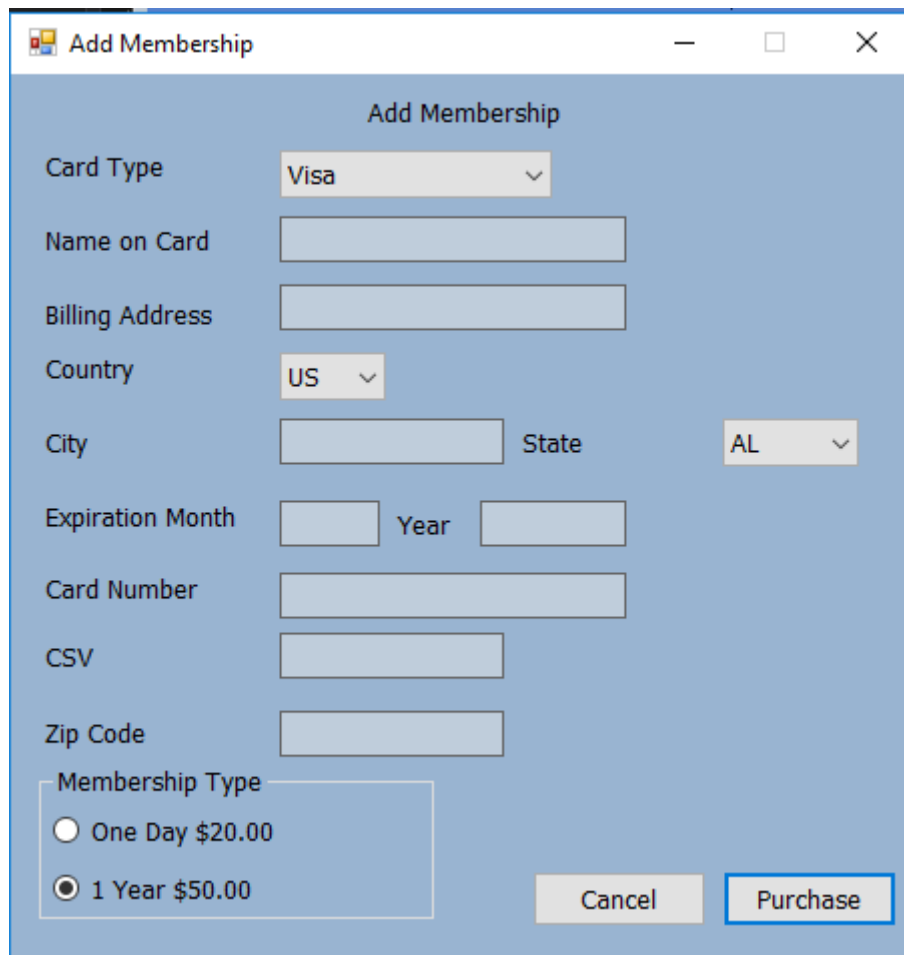
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Return Selected Item

Close

If you wish to return items to the store, on the main menu press "Return Items". The following form will be opened. Simply select the item you wish to return, indicate whether it is defective or not, and then press return selected item. Pressing close will return you to the main menu.

The last option available for the customer interface is to add or renew a membership. Click on the add membership button to launch the add membership form.



The screenshot shows a web form titled "Add Membership" with a light blue background. The form contains the following fields and options:

- Card Type:** A dropdown menu with "Visa" selected.
- Name on Card:** A text input field.
- Billing Address:** A text input field.
- Country:** A dropdown menu with "US" selected.
- City:** A text input field.
- State:** A dropdown menu with "AL" selected.
- Expiration Month:** A text input field.
- Year:** A text input field.
- Card Number:** A text input field.
- CSV:** A text input field.
- Zip Code:** A text input field.
- Membership Type:** A section with two radio button options:
  - ☐ One Day \$20.00
  - ☒ 1 Year \$50.00
- Buttons:** "Cancel" and "Purchase" buttons at the bottom right.

Here you must enter valid data for each field, and select whether you would like to purchase a one day pass or a one year pass.

Pressing cancel will return you to the main menu.

Logging out of the Customer menu will take you back to the home screen.

## EMPLOYEE EXPERIENCE

Logging in with the following credentials will give you access to the Employee section of our program.

Email: [test@employee.com](mailto:test@employee.com)

Pass: test1234

Upon successful login you will see this screen:

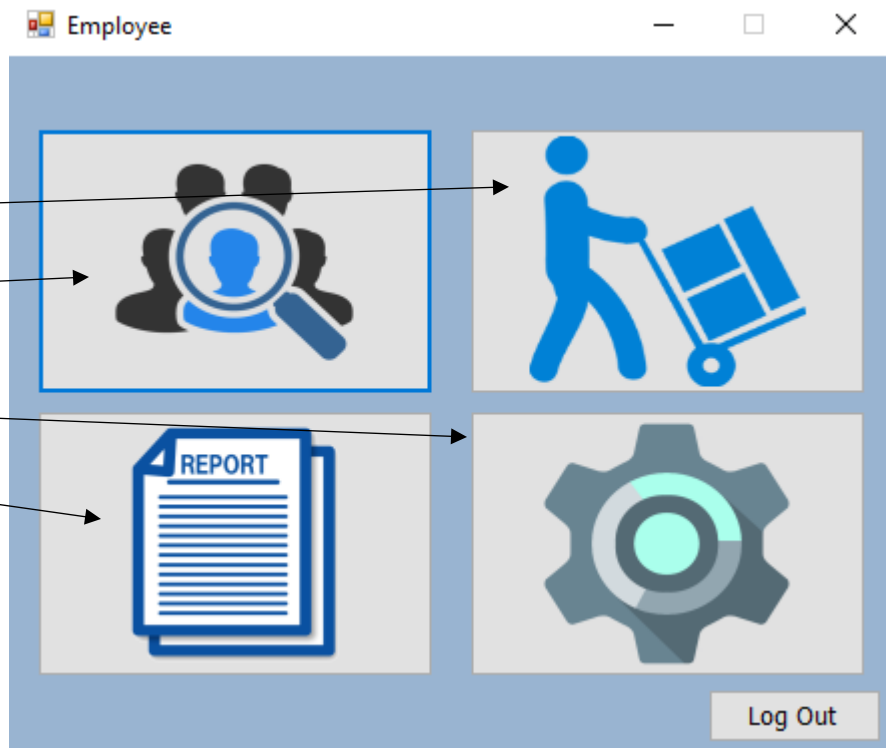
Buttons

MANAGE  
INVENTORY(PG13)

MANAGE  
EMPLOYEES(PG 15)




SYSTEM SETTINGS(18)

VIEW REPORTS(PG 17)



To manage current products in your inventory, click the top right button of the four on the Employee menu. This will open the following form.

Manage Inventory

	productID	productName	productDesc	category	price	expDate	isHazardous	numS
▶	1	Jack Davidson...	1.75L of hand...	Alcohol	29.99		<input checked="" type="checkbox"/>	1
	2	Jack Davidson...	750ml of han...	Alcohol	19.99		<input checked="" type="checkbox"/>	5
	3	Jack Davidson...	50ml of hand ...	Alcohol	5		<input checked="" type="checkbox"/>	4
	4	Grey Duck 1.7...	1.75L of impo...	Alcohol	29.99		<input checked="" type="checkbox"/>	6
	5	Grey Duck 75...	750ml of imp...	Alcohol	19.99		<input checked="" type="checkbox"/>	5
	6	Grey Duck 50ml	50ml of impo...	Alcohol	5		<input checked="" type="checkbox"/>	1
	7	Goodwiser 24pk	24 pk of craft...	Alcohol	18.79		<input checked="" type="checkbox"/>	10
	8	Carlboro Cri...	Pack of Carlb...	Tobacco	4.84		<input type="checkbox"/>	4
	9	Carlboro Cri...	Carton of Car...	Tobacco	35.63		<input type="checkbox"/>	4
	10	Carlboro Lite pk	Pack of Carlb...	Tobacco	4.74		<input type="checkbox"/>	6
	11	Carlboro Lite ...	Carton of Car...	Tobacco	34.63		<input type="checkbox"/>	5
	12	Skole Straigh...	Skole dipping...	Tobacco	3.32		<input type="checkbox"/>	6
	13	Fauxbreze 9....	Air Freshener	Household	6.99		<input checked="" type="checkbox"/>	1
	14	Dysol Disenfe...	Antibacterial ...	Household	6.99		<input checked="" type="checkbox"/>	11
	15	Flade 9.7 OZ	Air Freshener	Household	6.99		<input checked="" type="checkbox"/>	4
	16	DeGreas Me...	Mens Deoder...	Household	4.99		<input checked="" type="checkbox"/>	10
	17	DeGreas Wo...	Womens Deo...	Household	4.99		<input checked="" type="checkbox"/>	4
	18	New Spice M...	Mens Deoder...	Household	4.99		<input checked="" type="checkbox"/>	6

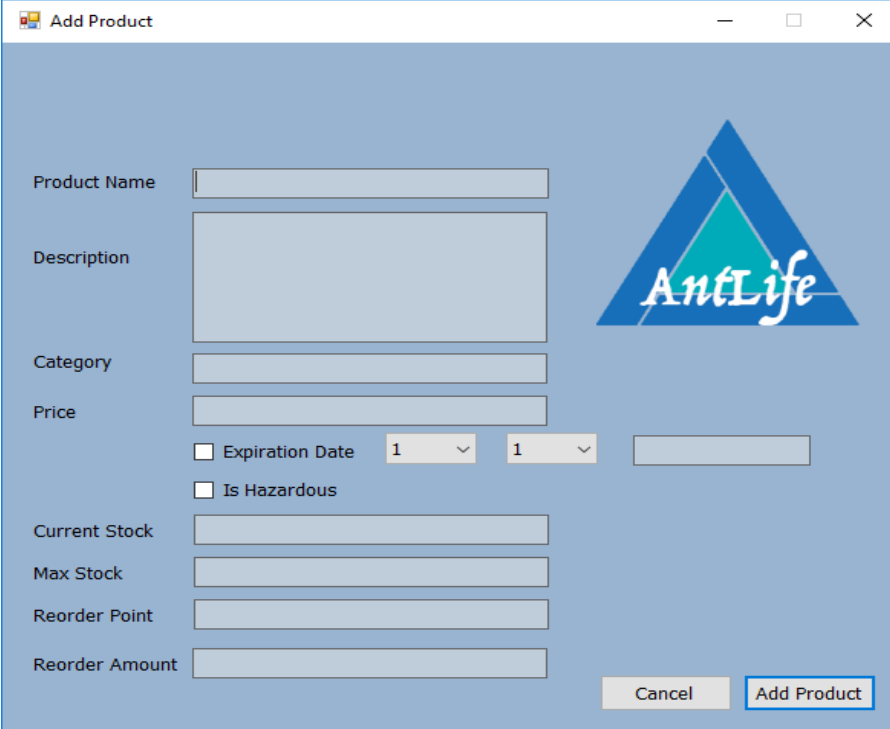
Close

This form allows you to view all current products in your inventory. This is helpful for reordering and taking stock of what you have/ what you need.

Pressing the green plus button will allow you to add a product, while pressing the blue pencil will allow you to edit the currently selected product.

Pressing the red X will delete the current product.

## Add product:



Product Name

Description

Category

Price

☐ Expiration Date 1 1

☐ Is Hazardous

Current Stock

Max Stock

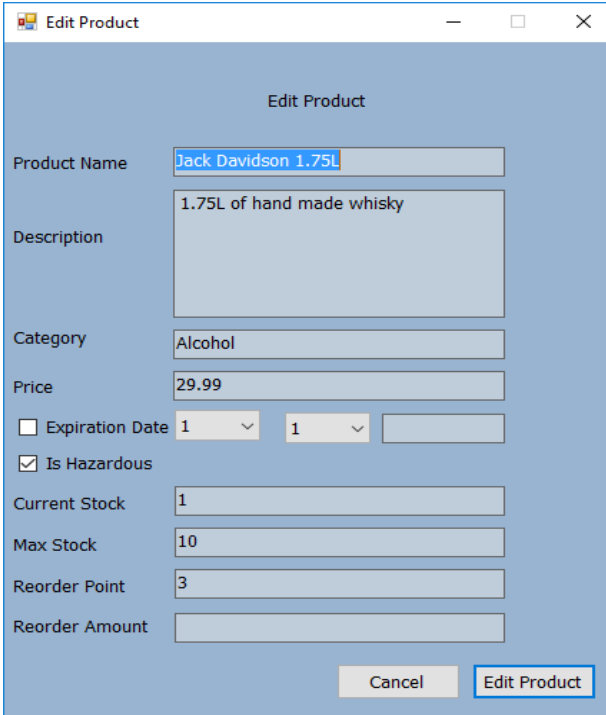
Reorder Point

Reorder Amount

Cancel Add Product

Use this form to add a product into the database/inventory. Ensure all fields are entered correctly.

## Edit Product:



Edit Product

Product Name Jack Davidson 1.75L

Description 1.75L of hand made whisky

Category Alcohol

Price 29.99

☐ Expiration Date 1 1

☒ Is Hazardous

Current Stock 1

Max Stock 10

Reorder Point 3




Reorder Amount

Cancel Edit Product

Use this for to edit the selected product. Ensure all fields are entered correctly.

To manage employees(The only way to create another employee account) Click the top left button on the employee menu. This will open a form with all of the current employees that work for Antlife. Here you can add, edit, or remove employees the same way you can add, edit or remove products.

Manage Employees

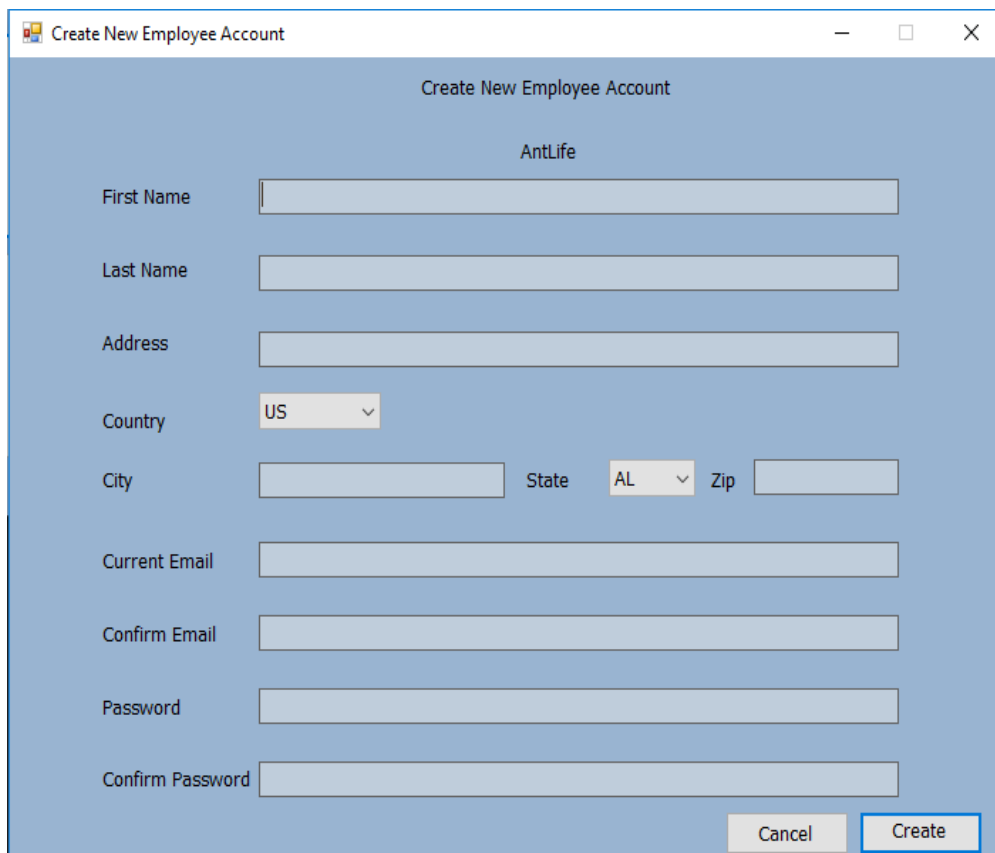


	userID	firstName	lastName	address	city	zip	state	country	en
▶	31	test	employee	test employe...	tuscaloosa	35401	Alabama	United States...	tes

< >

Close

## Add Employee:



The screenshot shows a window titled "Create New Employee Account" with a light blue background. At the top, the text "AntLife" is centered. Below it, there are several input fields for creating a new employee account. The fields are labeled "First Name", "Last Name", "Address", "Country" (with a dropdown menu showing "US"), "City", "State" (with a dropdown menu showing "AL"), "Zip", "Current Email", "Confirm Email", "Password", and "Confirm Password". At the bottom right, there are two buttons: "Cancel" and "Create".

Create New Employee Account

AntLife

First Name

Last Name

Address

Country US

City State AL Zip

Current Email

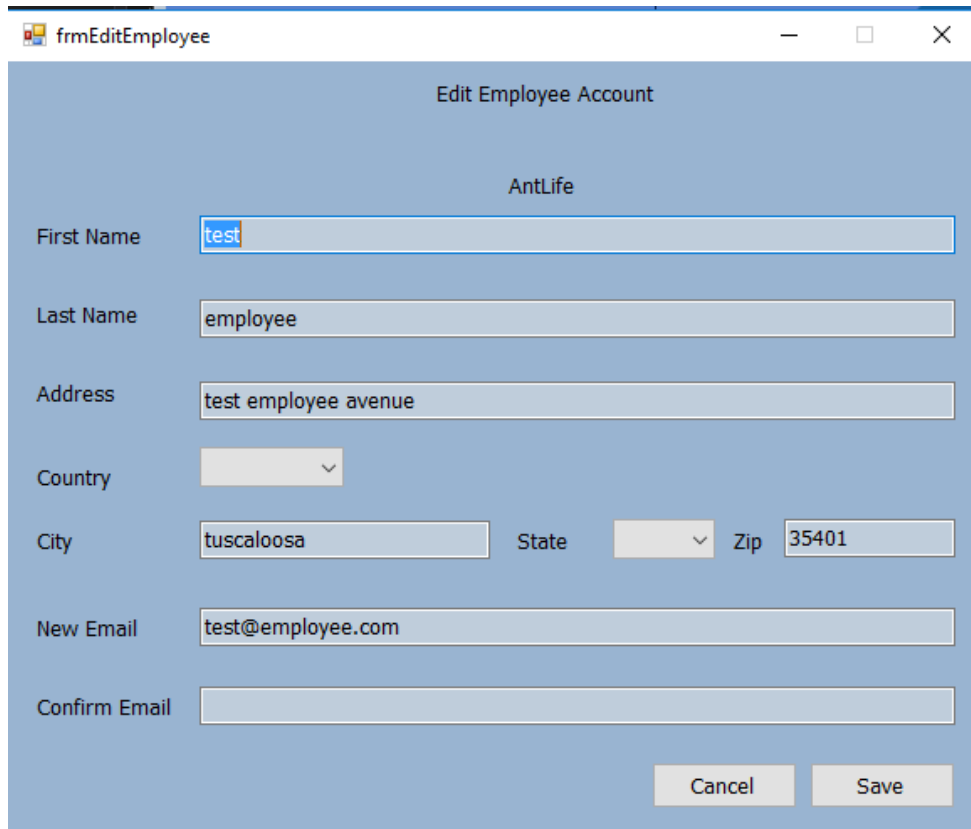
Confirm Email

Password

Confirm Password

Cancel Create

## Edit currently selected employee:



The screenshot shows a window titled "frmEditEmployee" with a light blue background. At the top, the text "AntLife" is centered. Below it, there are several input fields for editing an existing employee account. The fields are labeled "First Name", "Last Name", "Address", "Country" (with a dropdown menu), "City", "State" (with a dropdown menu), "Zip", "New Email", and "Confirm Email". The "First Name" field contains the text "test", the "Last Name" field contains "employee", the "Address" field contains "test employee avenue", the "City" field contains "tuscaloosa", the "State" field contains "AL", the "Zip" field contains "35401", and the "New Email" field contains "test@employee.com". At the bottom right, there are two buttons: "Cancel" and "Save".

frmEditEmployee

AntLife

First Name test

Last Name employee

Address test employee avenue

Country

City tuscaloosa State AL Zip 35401

New Email test@employee.com

Confirm Email

Cancel Save



By pressing the reports button on the Employee menu, you will be prompted with 5 options for reports. These reports will be saved to "my documents".

## REPORTS

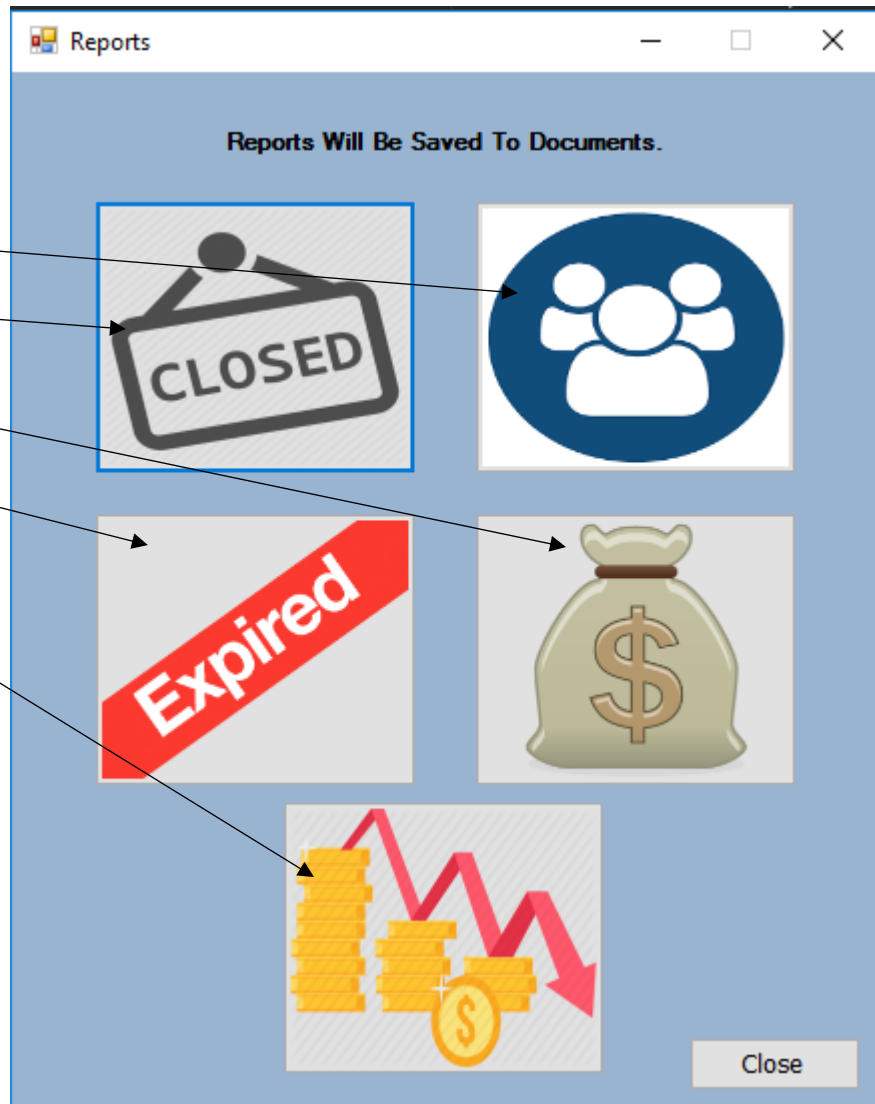
CURRENT USERS

END OF DAY

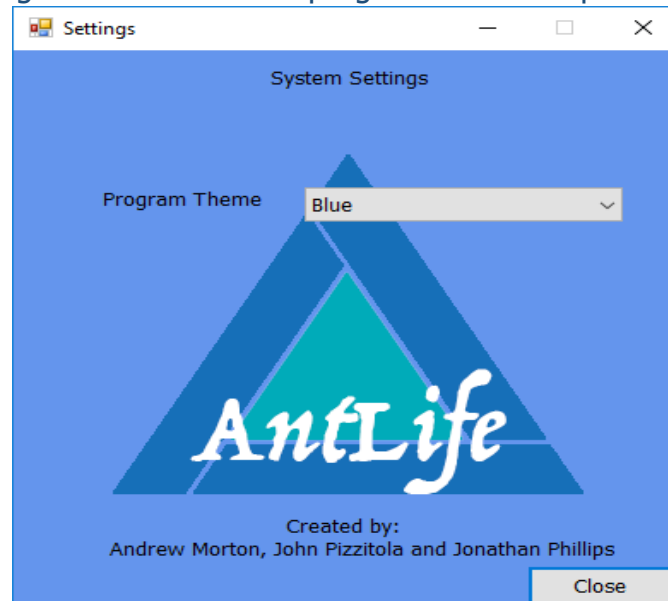
MOST SOLD

EXPIRED ITEMS

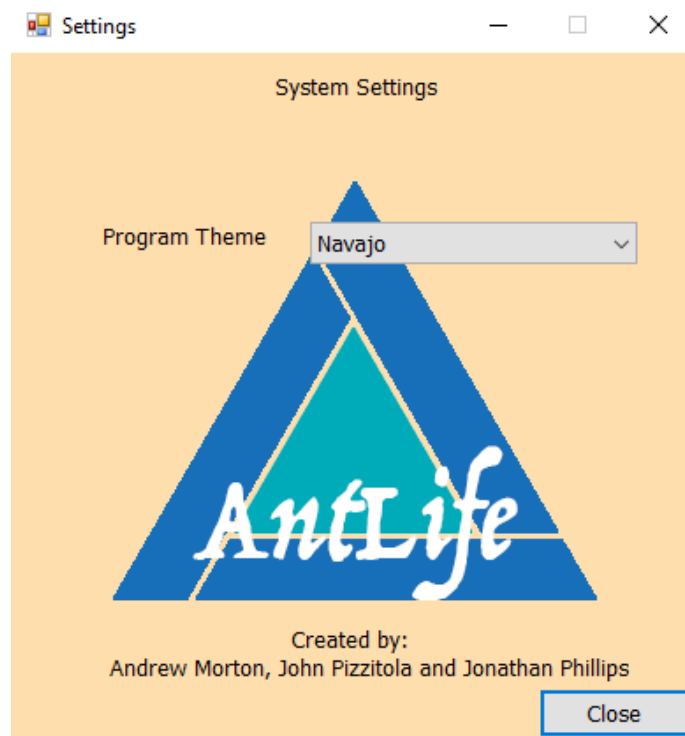
NOT SOLD IN ONE  
YEAR



The last option on the employee menu is purely for user enjoyment. The system settings form will allow you to change the theme of the program. An example of it working follows.

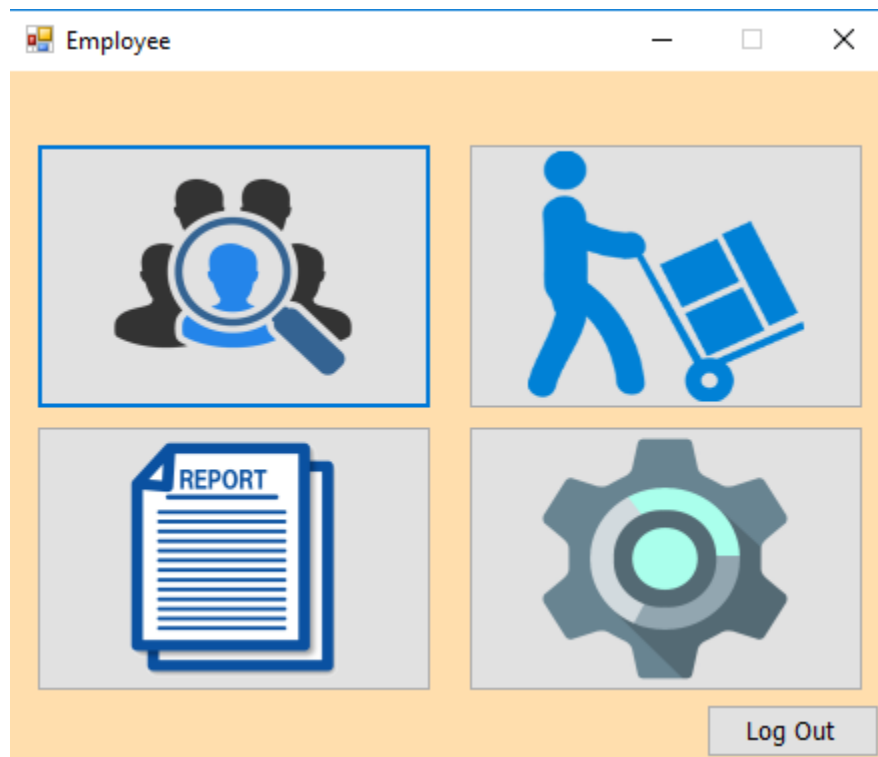


Settings form before theme change



Settings for after theme change

## Another example



## TEST LOG

Total of 210 tests attached via PDF