GRK Clothing Warehouse Application: User Manual

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Contents

1 General Information

This section outlines the general features and purposes of the GRK clothing warehouse website

1.1 Application Overview

The purpose of the GRK clothing warehouse website is to allow consumers access to live information regarding the supplies and inventories of various shops.

The goal is to reduce the amount of time that a customer would have to spend to look for a particular item over a large number of stores. The information is stored in a data base which can be accessed by the customer.

1.2 Layout of the User Manual

The manual will go over the details on the website and how one should use the website. The manual will consist of three major sections.

One of the sections will focus on how general users can use the website and which features they will have access to.

Another section will go over the duties of web admins what which features of the website that they will have access to. The last section is the appendix.
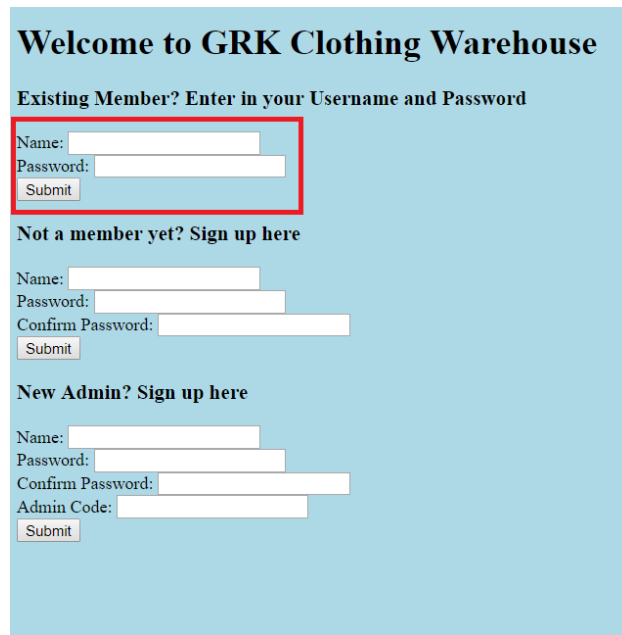
The appendix will show all the initial records that has been used to populate the data base during the testing stages in the website's development.

2 User Features

This section outlines the basic functions of the website that users will need to get started

2.1 The Welcome Page

Members who have already created an account can log in and begin using the GRK warehouse features. An existing user must enter their username and password located at the top of the welcome page.

Figure 1: **The GRK Clothing Warehouse Welcome page. Existing user will have to fill out their account credentials to log in**

New members are able to create their own account. To create a new account, the user will have to create a username and password. The username must be unique. Otherwise, the user will be asked to user a different username.

There is also a third section that is present in both Figures 1 and 2. However, this is only used by Administrators. It will be covered in a later section.
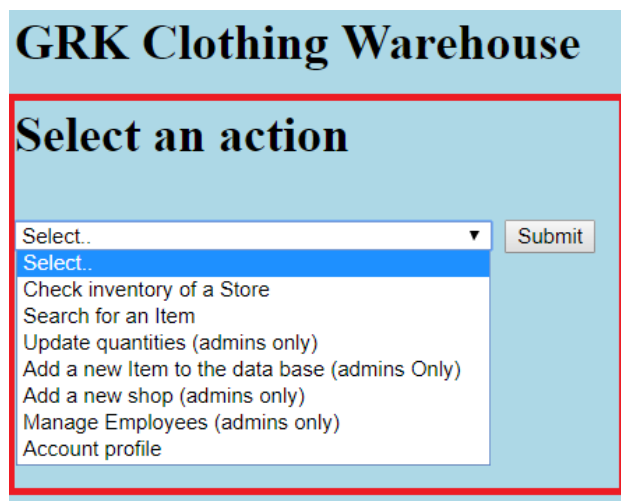
Figure 2: **The GRK clothing warehouse welcome page. New users can create an account by filling out the values highlighted in the red box**

2.2 The Menu Screen

All members will be taken to the menu screen after logging in or creating an account. A user can then select an option from the drop down menu.

Figure 3: **Every user will be asked to select an option from a drop down menu**
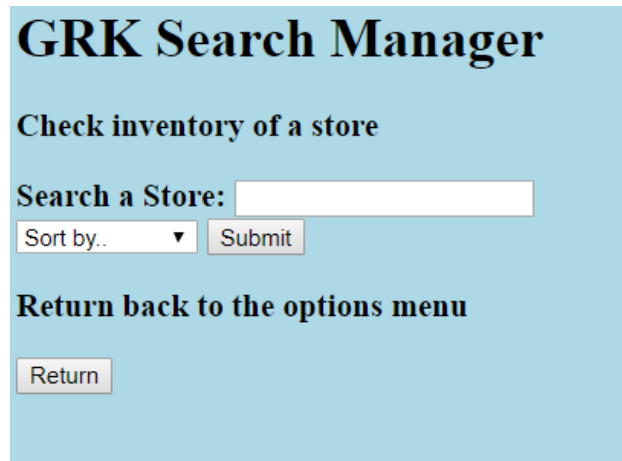
The available options that a regular user can select from the users is to:

1. Check inventory of a store (Section 2.3)

2. Search for a particular item (Section 2.4)

3. Opening their personal account information

All of the options that are only available for admins are labeled within the drop down menu which is described in greater detail in a later section.

2.3 Check Inventory of a Store

To check the inventory of a particular store, enter in the name of the store (case sensitive) and press submit. The website will return a list of items that are currently being sold at that store, the quantity, and the prices of each item. This page also allows the user to sort the returned list by quantity or by price.
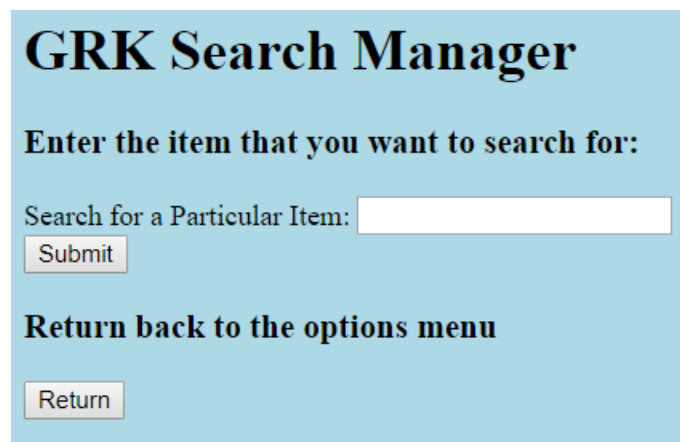

Figure 4: **GRK search manager. Returns a list of items currently being sold at the store. Sorting is optional**

2.4 Search for an Item

Many shoppers may find this feature useful. A user can search for a store that sells a particular item. Simply type in the name of the item and press submit. The page will then return a list of stores that currently have the item in stock.

Figure 5: **The GRK search page. Returns a list of shops that currently has an item in stock as specified by the user in the text box**

2.5 User Profile

The users profile consists of their username, their wishlist, and their payment type. The top of the page show in Figure 6 summarizes a users profile.

Members can edit their profile by entering their updated information in the text boxes under "edit account". Note that this action will erase previous information in "wishlist". If you wish to add a new item to the wishlist, we recommend that you copy and paste the old list into the text box, and then add the new item at the end of the list.

Figure 6: The profile page. Allows a user to view their profile and make updates

If a current member wishes to delete his/her account, he/she can delete the account by clicking on the "Delete" button. The user will then be redirected to confirm the action in a different page as shown in Figure 7. Note that this action is permanent and all records on the user will be deleted.
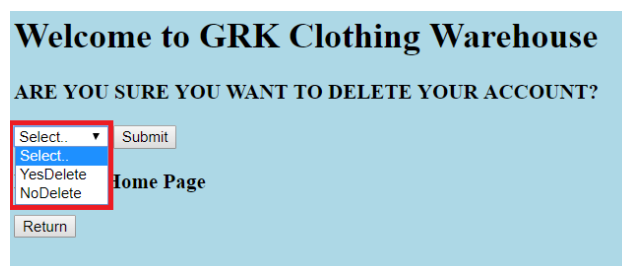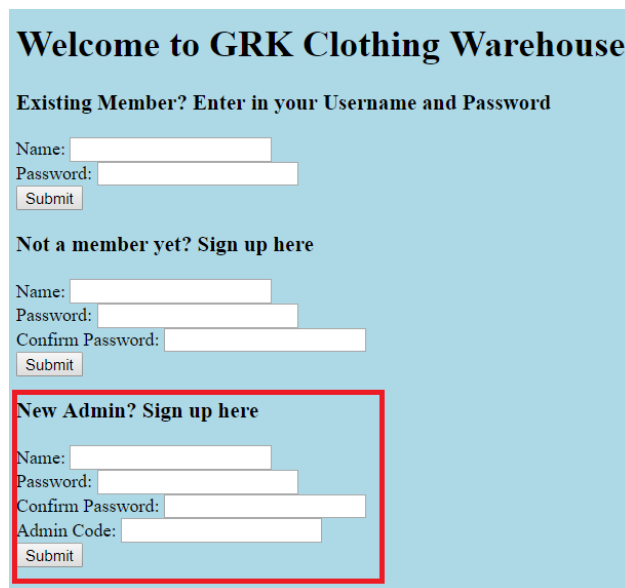

Figure 7: Confirmation page. Makes sure that a user is sure that he/she wants to delete the account

3   Admin Features

Only a few members will have access to specific features in the website. Admins will have access to all of the features described in Section 2. Since inventories of stores on the market are constantly changing, admins will be responsible for updating the database.

3.1   Adding a New Admin

New admins create accounts similar to creating an account for a regular user. However, new admins are required to enter a pin code that only admins will know. Admin accounts are also created in the welcome page as shown in Figure 8

Figure 8: **New admin accounts can also be created in the GRK welcome page. Credentials are entered in the text boxes highlighted in red**

Note that if an admin already has an account, then the admin will only need to enter in their account credentials as described in section 2.1. After creating a new account, or logging in to an existing account, admins will be redirected to the same menu screen as described in Section 2.2.

3.2   Update Quantities

After selecting "Update Quantities (admins only)" from the menu screen, the total quantities of each item in the data base can be update by an admin from this page. The admin will be presented with a table that shows all of the items currently being supplied and the quantity of each item.

Admins can make changes to the quantities by selecting the item name from the drop down menu and then entering the new quantity in the text boxes highlighted in red in Figure 9.

Figure 9: **The page where Admins are able to update the quantities supplied for each item. Changes are made in the boxes highlighted in red**

3.3 Add New Item to Database

To add a new item to the database, select "Add new item to the data base (admins only) from the drop down menu in the menu page. The user will then be redirected to the page as shown in Figure 10.

An admin will need to enter in the name of the item, price, and the total quantity that is currently being supplied. A page will also has the admin to enter a product id. Note that the product id has to be a unique number. If the product id that is entered already exist another product id in the data base, then the item will not be added.

Figure 10: **The page where admins can add new items to the data base. Information about the item is entered in the text boxes highlighted in red. The product id must be unique**

3.4 Manage shops

Admins can manage shops by selecting "Add a new shop (admins only)" from the drop down menu from the menu screen.

Admins can add a new shop to the database from this page. To do so, an admin will need to enter the store name and its location as shown in box (1) in Figure 11. The location will have to be unique since two

stores cannot exist at the same location.

Admins update the number of employees currently working at a store, as well as the revenue and profit of the store. This information can be edited using the text boxes highlighted by box (2) in Figure 11. An admin will need to enter in the location of the store that they want to edit before entering new information of that store.

The inventory of a store can also be updated. This can be updated using the text boxes highlighted in box (3) in Figure 11. Again, the location of the store needs to be entered.

Figure 11: **The page where an admin can manage the information of stores in the database. An admin may also add a new store to the database from this page**

3.5   Manage Employees

To add/delete employees or update information on a current employee, select "Manage employees (admins only)" from the drop down menu from the menu page.

Employees and all their information can be deleted by selecting the employee's ssn from the drop down menu highlighted in box (1). Note that this action is irreversible and the employee's information cannot be recovered after deleting the employee.

New employees can be added to the data base by entering their employee information in the text boxes highlighted in box (2).

Information about an existing employee can be updated by entering in their new information in the text boxes in box (3). Note that all information needs to be filled out even if that attribute for an employee did not change.

Figure 12: **The page where admins can make changes to employee information, add, and delete employees from the data base**

4   Appendix

The appendix will show all the initial records that has been used to populate the data base during the testing stages in the website's development.

location	number_of_employee	profit	revenue	name
	NULL	NULL	NULL	
1 Air St	5	2000	50000	War-Marty
10 Compsci Lane SE	NULL	NULL	NULL	Sponsers
10 SoBusy Dr NE	69	69	96	Gamestop
100 AddSome Ave	3	200	9000	Clothes R' Us
111 Charming Ave	NULL	NULL	NULL	Canada Moose
123 Done blvd SW	NULL	NULL	NULL	Apple Republic
123 Someadd St	4	549	10000	Everything Store

Figure 13: **Initial shops used to test and populate the database**

username	password	wishlist	purchase_number	amount_paid	payment_type	isAdmin
foo	bar	NULL	NULL	NULL	NULL	0
gary	asdf	NULL	0	NULL		0
jake	asdf	NULL	0	NULL		0
jennie	asdf	NULL	NULL	NULL		0
kevin	asdf	NULL	0	NULL		0
lisa	asdf	NULL	NULL	NULL		0
masdfa	leeee	NULL	NULL	NULL	NULL	1
name	ehh	NULL	NULL	NULL	NULL	0
Ronald	the pass	a hunnie, a good job, 4.0 GPA	0	NULL	credit	1

Figure 14: **Table containing initial "accounts" used to populate and test the database**

ssn	fname	lname	salary	address	hours	jobtype
10307213	Ronald	Tran	100000	2724 Catalina Blvd NE	40	IT
13280023	spongebob	squarepants	12	bikini bottom	100	Worker
69696969	Gary	Li	10	69 Street St	10	Worker
467382198	Leonard	Bryant	45000.00	4558 Norma Lane	40	Worker

Figure 15: **Table containing initial "employees" used to populate and test the database**

name	product_id	price	quantity
Green T-Shirt	1	12.99	2
Red socks	10	3.99	100
Black Underpants	11	4.99	15
Blue Top Hat	12	19.99	4
Lingerie	123	148.99	6000
Green Pants	2	21.99	100
Hats	20	40.50	200
Purple Shorts	3	14.99	50
Heart shape underpants	4	99.99	3
Pink Baseball Cap	5	9.99	20
Striped Sock	6	4.99	15
Panties	69	10.69	100
Black Graphic Shirt	7	14.99	24
Grey Basic T-Shirt	8	9.99	100
Grey pants	9	19.99	23

Figure 16: **Initial items used for test and populate the database**

location	product_id
123 Someadd St	1
123 Someadd St	2
123 Someadd St	3
123 Someadd St	4
123 Someadd St	5
123 Someadd St	6
123 Someadd St	7
123 Someadd St	8
123 Someadd St	9
123 Someadd St	10
123 Someadd St	11
123 Someadd St	12
1 Air St	1
1 Air St	2
1 Air St	7
1 Air St	10
1 Air St	9
100 AddSome Ave	7
100 AddSome Ave	3
100 AddSome Ave	1
100 AddSome Ave	2
100 AddSome Ave	6
100 AddSome Ave	4
10 CompSci Lane SE	20
10 SoBusy Dr NE	69

Figure 17: **Initial table for the "having" relation that was used for initial testing of the database**