

# Franshni Candy Store Read ME

## A Description of the Customer Account

The customer account requires a unique login username that is not *admin*. The customer is able to browse different products in the shop, add items and remove items from their “cart”, and eventually checkout such that their order is processed. All users can browse the website, however in order to checkout, the user must be logged in to either the *admin* account, or a regular customer account.

## A Description of the Admin Account

For all intents and purposes, the administrator’s account requires the login username *admin*. The *admin* account is able to have all the same functionalities as a regular user in that they can still purchase items. However the admin also have additional features, which are only displayed when logged in through the *admin* account.

The *admin* account gives the user the ability to manage their products. Here, the *admin* can add, delete, edit or view information about all the products in their database. The *admin* is also able to display all order transactions that have occurred. Finally, the *admin* can choose to delete all customer and order items in the database. This function is designed such that all products in the database, as well as the admin account in the *customer* table will remain in the database, but all other information stored in the *customer*, *order* and *order\_item* tables are deleted.

## A Description of the Cart Building Process

Our website opens up to the browse products page, allowing users to immediately browse the different chocolates. We allow users to start adding and subtracting items from their cart without being logged in. However we require users to be logged in to their account in order for our system to continue with the checkout process. We implemented this by adding key-value combinations in codeigniter’s session key. We chose to use the product id as part of the session variable’s name, and have the attached value keep track of the quantity of that product that the customer wished to purchase.

The user is able to add and remove items from their cart without being logged in. If they begin selecting items, then choose to log in, the items they had picked out earlier will still exist within their cart, and they will be able to continue with browsing or proceed to checkout.

## A Description of the Checkout Process

Once the user is satisfied with their purchase, and once they’ve logged into their account, they can proceed to the checkout page. Here we display all the items in their cart, along with a form that requests their credit card information. Once all this information has been verified, the order is stored into our database, and a receipt is generated. The receipt is then displayed to the user, who may choose to print the receipt. Additionally, the receipt is emailed to the customer as well. In order to implement the email functionality, we use the following settings:

- FROM EMAIL is taken from the admin's email address
- FROM NAME is taken from the admin's name
- TO EMAIL is taken from the customers email
- TO NAME is taken from the concatenation of the customers first name and last name
- Assumptions:
  - Assume the admin has a valid email address
  - Assume the customer supplied a valid email address
  - Assume the customer is logged in, since they are part way through the log in process

The file with all our email settings can be found in *candystore/application/controllers/checkout.php* in the *email\_receipt* function in case specific emails are required for the FROM fields.

## A Description of Configuration

As mentioned in the description of the checkout process above, the email settings can be found in *candystore/application/controllers/checkout.php* in case these settings need to be hardcoded. For now, they get their values from the currently logged in user, as well as the administrator's email information.

The other item that will likely require configuration is the *database.php* file. This file contains all configurations needed in order to connect to the database. The *database.php* file can be found at *candystore/application/config/database.php*. Settings that will likely need to be changed are:

- hostname
- username
- password
- database

## A Description of General Website Design

In order to make the website look presentable, we chose to use Bootstrap<sup>1</sup>, a free tool used to easily create and style websites. Additionally, we used elements from the Flat UI<sup>2</sup> theme that was developed for Bootstrap as well.

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<sup>1</sup> <http://getbootstrap.com/>

<sup>2</sup> <http://designmodo.github.io/Flat-UI/>