**CHARM city MARKET**

**Interface Design Documentation**

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**1. Home Page**

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**Screen Functionality:**

* Charm City Market’s homepage will present all the navigation tools displayed throughout the website.
  + **Home button -** This will display the Charm City Market homepage at any time.
  + **Shop button -** This will display the categories of food available for purchase at Charm City Market. The user will be able to choose a category.
  + **Scan to pay button** - This will display the mobile interface where the user will be able to scan product barcodes to immediately purchase them. This feature will only be functional if they are signed into their unique user account.
  + **Search bar -** The search menu will display user input and allow the user to search for products by name.
  + **Wish list button -** This will display the product/shop screen and will allow the user to add items to their Wishlist.
  + **Shopping cart** - This will display the users most up-to-date shopping cart. Products that the user has selected for purchase will be shown. Additionally, the user will be able to view previous orders.
* Additionally, the homepage will display the standard menu in the header that will be displayed throughout the site and allow the user to perform fundamental functionalities.
  + **Contact Us -** This will display the methods in which Charm City Market can be contacted. Users will be able to contact Charm City Market Customer support directly.
  + **Login -** This will display until the user has entered their profile username and password. Login screen will disappear when user profile information is validated.
  + **Create an Account -** This will display a screen that will allow a user to create a unique user profile.
  + **Logout** - This will only be displayed when a user has securely signed in and been validated.
  + **Locations** - This will display the store locations and addresses.
* **Tool Tips:**
  + **Search bar**: The display will read, “Search by Keyword”
* **Input Validation:**
  + **Wish List -** The user will be asked to provide their user and password to access this feature.
  + **Scan to Pay -** The user will be asked to provide their user and password to access this feature.
* **Error Messages:** 
  + If the site is unavailable due to unexpected downtime, the following message will be displayed, “The website is currently unavailable. We apologize for the inconvenience.”
  + If the site is unavailable due to expected, routine maintenance, the following message will be displayed, “The website is currently undergoing routine maintenance, please try again soon.”
  + If the user searches for a product using the **Search bar**, but no results are found, the following message will be displayed, “No results found.”
  + If the user attempts to use the **Scan for Pay** feature, but is not signed into their user account, the following message will be displayed, “Please sign into your user account.”
  + If the user attempts to use the **Wish List** feature, but is not signed into their user account, the following message will be displayed, “Please sign into your user account.”

**2. Login Page**

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**Screen Functionality:**

* A login screen will display “Sign in to your account” and ask for the user to input the following:
  + Username/Email Address
  + Password
* The user will have the option to stayed signed in by checking the ‘Keep me signed in’ box.
* If the user inputs the correct information and is securely logged in, the user will be returned to the home page to begin their shopping experience.
* The login screen will also display two links displaying, “Forgot my Password?” and “Forgot Password?”
  + **Forgot My Password** - The user will be asked to enter the email address associated with their user profile. The user will input the correct email address and a link with a temporary password will be sent to the email address inputted by the user. The user will be prompted to sign in with the temporary password. Upon signing in, the user will be prompted to reset their password in compliance with the systems password policy.
    - The option to ‘**Resend Email Link**’ will appear if the user does not receive an email within 1-2 minutes.
  + **Forgot My Username -** The user will input the email address associated with their user profile. The system will send an email with their username.
* The login page will separately display “Don’t have an account? Register now and get 10% off on your first order!” for all new users.
  + The user will be navigated to the “Create Your Account” screen.
* Additionally, the screen will display an option for a user to ‘Continue as Guest’ incase the user wants to begin or continue to shop without creating or logging into their own unique user profile.

**Tool Tips:** None.

**Input Validation:**

* The system will confirm that the username entered by the user exists in the database.
* The system will confirm that the password entered by the user matches the username in the database.
* The system will ensure that the email address entered by the user during the “**Forgot My Password**” function is a *valid* email address.
* The system will ensure that the email address entered by the user during the “**Forgot My Username**” function is a *valid* email address.

**Error Messages:**

* When the user enters either the incorrect Username or Password, the system will display, “The username or password is incorrect. Please try again.”
  + This process will continue until the system validates the information entered by the user.
  + The user account will be locked after 5 failed attempts.
* When the user hits the ‘Sign In’ button, but does not enter any user information. The system will display, “Please enter your username and password.”
* If the sign in page is unavailable due to unexpected downtime - the system will display, “The website is currently unavailable. We apologize for the inconvenience.”

**3. Create Your Account Page**

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**Screen Functionality:**

* A screen allowing the user to create a unique profile will display. The user will be asked to enter the following information:
  + A unique **username** that will serve as the primary key in the system database. This username will be used to track all user activity and information.
  + A valid **email addresses**. The user will be sent a validation email upon creating an account.
  + A unique **password** that is compliant with the system password policy.
    - Password must contain uppercase and lowercase letters, must be a minimum of 8 characters long, and must contain minimum of one numeric character.
  + The system will ask the user to **Confirm Password**. The system will validate the two passwords by confirming they are duplicates.
  + The system will ask the user to enter their **First Name.**
  + The system will ask the user to enter their **Last Name.**
  + The system will ask the user to enter their current home **Address**.
  + The system will ask the user to enter the **Zip Code** associated with their home address.
  + The system will display a drop-down menu for the user to select the **State** in which they reside.
    - The state names will be abbreviated. For example, Maryland would display as (MD) and Ohio would display as (OH).
* The system will display a **Create an Account** button that the user will click after all correct information has been entered.
  + If all information is valid, the system will send the user an email to confirm account creation.
* If the system is experiencing unexpected downtime, the screen will display, “The website is currently unavailable. We apologize for the inconvenience.”

**Tool Tips:** None.

**Input Validation:**

* The system will validate the **Username** entered by the user.
  + The **Username** entered by the user must be unique.
  + The **Username** must be a minimum of 8 characters long.
  + The **Username** must consist of alphanumeric characters.
* The system will validate the **Email Address** entered by the user.
  + The system will send a validation email to the email address entered by the user. The user is required to click the validation link in the email and confirm the creation of their account.
* The system will validate the user **Password**.
  + The password must contain uppercase letters
  + The password must contain lowercase letters.
  + The password must contain one numeric character.
  + The password must be a minimum of 8 characters long.
* The system **Confirm Password** by asking the user to re-enter their chosen password.
* The system will validate the **First Name** entered by the user.
  + The **First Name** entered by the user must not contain any numeric characters.
  + The **First Name** entered by the user must be fall in the data range of 2 to 45 characters long.
* The system will validate the **Last Name** entered by the user.
  + The **Last Name** entered by the user must not contain any numeric characters.
  + The **Last Name** entered by the user must be fall in the data range of 2 to 45 characters long.
* The system will validate the **Address** entered by the user.
  + The **Address** entered by the user must contain alphanumeric characters.
  + The **Address** must contain one of the 45 standardized types of road.
  + The **Address** entered by the user will be validated using a Geographic Information Database.
* The system will validate the **Zip Code** entered by the user.
  + The system will validate that the **Zip Code** entered by the user matches the **State** and **Address** entered.
* The system will validate the **State** entered by the user.
  + The user will choose their **State** based off a dropdown menu.

**Error Messages:**

* When the user does not enter all fields/inputs incorrect information (see below) and clicks **Create an Account**:
  + User Name
  + Email Address
  + Password
  + Password Confirm
  + First Name
  + Last Name
  + Address
  + Zip Code
  + State
    - The system will display, “Sorry an error has been made.” The system will have highlighted all incorrect or missing fields in red. The user will need to input the correct information for the system to validate the user account
* If the **Username** entered by the user is already taken, the system will display, “The username entered is already in use. Please try an alternative.”
* If the **Email Address** entered by the user is already registered, the system will display, “The email address entered is already registered with another user account. Please try again.”
* If the two passwords entered by the user in fields **Password** and **Password Confirm** do not match, the system will display, “The passwords entered do not match. Please try again.”
* If the **First Name** entered by the user contains a numeric character or more than 45 alphanumeric characters, the system will display, “Sorry an error has been made.” and highlight the **First Name** field.
* If the **Last Name** entered by the user contains a numeric character or more than 45 alphanumeric characters, the system will display, “Sorry an error has been made.” and highlight the **Last Name** field.
* If the **Address** entered does not contain one of the 45 standardized types of road, the system will display, “The **Address** entered is incorrect. Please try again.”
* If the **Zip Code** entered by the user does not match the **State** and **Address** entered, the system will display, “The **Zip Code** entered is incorrect. Please try again.”
* If the system is experiencing unexpected downtime, the screen will display, “The website is currently unavailable. We apologize for the inconvenience.”

**4. Account Confirmation Page**

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**Screen Functionality:**

* The Account Confirmation page will display, “Congratulations! Your account has been successfully created! Please verify your account via email to get 10% off on your first order.
* The user will be given two options after creating their unique user profile:
  + **Resend Email**
    - This button will trigger the system to resend the confirmation email the user needs to validate their account.
  + **Shop Now**
    - This button will navigate the user to the **Shop Now** **(Food Category)** page.

**Tool Tips:** None**.**

**Input Validation:** None.

**Error Messages:**

* If the system is experiencing unexpected downtime, the screen will display, “The website is currently unavailable. We apologize for the inconvenience.”

**5. Shop Now (Food Category) Page**

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**Screen Functionality:**

* The Product page will display 8 product categories including:
  + Bread & Bakery
  + Dairy
  + Meat
  + Frozen Food
  + Seafood
  + Beverage
  + Produce
  + Personal Care
    - The user can select individual categories to automatically filter products by their selected category.
* Additionally, the **Search Bar** allows user to enter keywords to search related products quickly and easily.

**Tool Tips:** None

**Input Validation:** None.

**Error Messages:**

* If the user searches for a product using the **Search bar**, but no results are found, the following message will be displayed, “No results found.”
* If the system is experiencing unexpected downtime, the screen will display, “The website is currently unavailable. We apologize for the inconvenience.”

**6. Shop Now (Bread & Bakery) Page**

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**Screen Functionality:**

* This is one of the sub-screens of the **Shop Now (Product Category)** page. The Bread & Bakery product page will display four subcategories which include:
  + Cakes
  + Cookies
  + Donuts
  + Bread
* The system will allow the user to choose any of the subcategories by simply clicking on the icon.
* Additionally, the **Search Bar** allows user to enter keywords to search related products quickly and easily.

**Tool Tips:** None

**Input Validation:** None

**Error Messages:**

* If the user searches for a product using the **Search bar**, but no results are found, the following message will be displayed, “No results found.”
* If the system is experiencing unexpected downtime, the screen will display, “The website is currently unavailable. We apologize for the inconvenience.”

**7. Shop Now (Donuts) Page**

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**Screen Functionality:**

* The **Shop Now (Donuts) Page** is a subcategory of the **Bread & Bakery** and **Product Category** pages.
* The Shop Now (Donuts) page is an example of a Product List page which will display:
  + Strawberry-Frosted Donut (name of the product)
  + $3.28/EA (price of the product)
  + System will display an icon to “**Add to Wish List**”
    - This will allow customers who have signed into their unique customer profiles to create a **Wish List** to be ordered at the time of their choosing.
  + The system will display **Up and Down** Arrows for the user to select a specific amount of any given product.
  + The system will display a field for the user to enter
  + The system will display a button for the user to “**Add to Cart**”
    - This will allow *all* customers to select as many of any given product as they would like and the system will automatically add the item to their **Cart**.
* Additionally, the **Search Bar** allows user to enter keywords to search related products quickly and easily.

**Tool Tips:**

* If a user hovers over the empty field next to the “**Up and Down**” arrows, the system will display, “Please input the amount of the selected item you would like to purchase.”

**Input Validation:**

* The system will validate the number of items entered by a user for purchase.
  + The system will ensure that a numeric character is entered.
  + A user will be able to purchase between 1-500 of any given item.
    - If the purchase is over 100 items - the user will be asked to validate the purchase at checkout with a customer service agent.

**Error Messages:**

* If the inventory of an item that a user has selected to purchase is too low, the system will display, “There are only **X** amount of [product] left. We apologize for the inconvenience.”
* If a user enters a text value instead of a numeric value into the empty product item field, the system will display, “Please enter a numeric value.”
* If a user enters a numeric character above 500 into the empty product item field, the system will display, “Please enter another numeric value or contact customer service to place a bulk order.”
* If the user searches for a product using the **Search bar**, but no results are found, the following message will be displayed, “No results found.”
* If the system is experiencing unexpected downtime, the screen will display, “The website is currently unavailable. We apologize for the inconvenience.”
* If a user enters a negative number or 0 into the numeric value field, the system will display, “Please enter a positive numeric value.”

**8. Shopping Cart Page**

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**Screen Functionality:**

* Users can click the “My Cart” button available on all Charm City Market screens and go to **Shopping Cart** page at any time.
  + The Shopping Cart will only display items if the user has clicked **Add to Cart.** If the user does not have any items in their cart, the system will display, “There are no current items in your **Shopping Cart**. Please click here to **Shop Now.**”
* Users can choose to modify the quantity for each item in their Shopping Cart. They can do this in two ways:
  + Changing the current selected quantity in the **user input field**. The user will do this by entering a numeric value.
  + Using the **Up and Down** arrow available to the right of the current selected quantity field.
    - When a user modifies the quantity of any item (adding or removing) the **Items Subtotal** will always automatically update.
* Users can remove items in the **Shopping Cart** by clicking the **Remove Item** button.
* After the user removes an item and modifies their cart, the system will update the **Items Subtotal** automatically. The item will no longer be displayed in the **Shopping Cart**.
* Users can return to the **Product Page** to continue shopping by clicking the **Continue Shopping** button.
  + This button can be utilized by the user at any point on the **Shopping Cart** page.
* Check out button: (1) If the user already logged in, the shipping method page will display. (2) If the user doesn’t logger in, the log in page will display. (3) If the user doesn’t have an account, the account create page will display.
* Search button allows user to enter the keyword to search the related product quickly and easily.

**Tool Tips:** None

**Input Validation:**

* The system will validate the number of items entered by a user for purchase.
  + The system will ensure that a numeric character is entered.
  + A user will be able to purchase between 1-500 of any given item.
    - If the purchase is over 100 items - the user will be asked to validate the purchase at checkout with a customer service agent.

**Error Messages:**

* If the inventory of an item that a user has selected to purchase is too low, the system will display, “There are only **X** amount of [product] left. We apologize for the inconvenience.”
* If there are no current items selected in Shopping Cart, the page will automatically display, “There are no current items in your **Shopping Cart**. Please click here to **Shop Now.**” on the left-hand side.
* If there are no current items selected for purchase in the cart and the user selects **Check Out**, the system will display, “There are no current items in your **Shopping Cart**. Please click here to **Shop Now.**
* If a user enters a text value instead of a numeric value into the empty product item field, the system will display, “Please enter a numeric value.”
* If a user enters a negative number or 0 into the numeric value field, the system will display, “Please enter a positive numeric value.”
* If a user enters a numeric character above 500 into the empty product item field, the system will display, “Please enter another numeric value or contact customer service to place a bulk order.”
* If the user searches for a product using the **Search bar**, but no results are found, the following message will be displayed, “No results found.”
* If the system is experiencing unexpected downtime, the screen will display, “The website is currently unavailable. We apologize for the inconvenience.”

**9. Shipping Method Page**

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**Screen Functionality:**

* The **Shipping Method** page allow the user two choose one of two options:
  + **Home Delivery** - This option will allow a customer/user to have their groceries, carefully selected from the **Shop Now** page and added to their **Shopping Cart**, delivered directly to their doorstep.
    - If **Home Delivery** is selected the user will be navigated to the **Delivery Address/ Pick Up Time** page.
    - The shipping delivery fee will be based off the home address of the user. The farther user is away from the store, the higher the delivery charge. No delivery fee will exceed $6.00.
  + **Pick Up Today** - This option will allow a customer/user to pick their groceries up in-store.
    - If **Pick Up Today** is selected the user will be navigated to the **Delivery Address/ Pick Up Time** page.
    - This option will not have an extra fee.
* Additionally, users will have the option to use the **Go Back** button which will navigate them to the **Shopping Cart** page.

**Tool Tips:** None.

**Input Validation:** None

**Error Messages:**

* If the user is logged into their unique user profile, selects **Home Delivery**, and already has an address saved on the account, but that address is outside of the store delivery area, the system will display, “The address is outside of the delivery area. Please select a new address or select in-store pickup.”
* If the user searches for a product using the **Search bar**, but no results are found, the following message will be displayed, “No results found.”
* If the system is experiencing unexpected downtime, the screen will display, “The website is currently unavailable. We apologize for the inconvenience.”

**10. Delivery Address/ Pick Up Time Page**

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**Screen Functionality:**

* After a user has selected a delivery method, the **Delivery Address/ Pick Up Time Page** will ask the user to input the following for **Shipping Address:**
  + First Name
  + Last Name
  + Phone Number
  + Address
  + Zip Code
* Additionally, a user will be asked to select one radio button to choose their preferred **Shipping Method.**
  + The shipping options are:
    - **Same-Day Shipping -** The fastest option available for Charm City market consumers is Same-Day Shipping. This will allow users to have their groceries the same day that they place their order.
    - **One-Day Shipping** - Another option available for Charm City Market consumers is **One-Day Shipping**. Customers will be able to receive their groceries the day after they place their order.
    - **Two-Day Shipping - Two-Day Shipping** will be available for customers to receive their groceries two days after they place their order.
    - **Standard Delivery -** The **Standard Delivery** option, the cheapest Charm City Market offers, ensures that the customer will receive their groceries between 4-5 days. An email will be sent out to the user 24 hours before the groceries are intended to be delivered.
  + Additionally, the user will be asked to select:
    - **Delivery Time** - The user must select a valid time between 9:00AM and 7:00PM.
    - **Delivery Date** - The user must select a **Date of Delivery** within 21 days of the date in which the order is being placed.
* The user will have the option to select either:
  + **Go Back -** This option will bring the user to the **Delivery/ Pick Up Page**.
  + **Continue -** This option will bring the user to the **Payment Page**.

**Tool Tips:** None.

**Input Validation:**

* The system will validate the **First Name** of the user.
  + The **First Name** should contain only alphabetic characters.
  + The **First Name** cannot include more than 45 characters.
* The system will validate the **Last Name** of the user.
  + The **Last Name** should contain only alphabetic characters.
  + The **Last Name** cannot include more than 45 characters.
* The system will validate the **Phone Number** entered by the user.
  + The **Phone Number** will contain numeric characters only.
  + The **Phone Number** will contain 10 numeric digits.
  + The area code will be validated to ensure it’s a valid phone number.
* The system will validate the **Shipping Address** entered by the user.
  + The **Shipping** **Address** entered by the user must contain alphanumeric characters.
  + The **Shipping** **Address** must contain one of the 45 standardized types of road.
  + The **Shipping** **Address** entered by the user will be validated using a Geographic information database.
* The system will validate the **Zip Code** entered by the user.
  + The **Zip Code** should contain numeric characters only.
  + The **Zip Code** will allow for only 5 numeric characters.
  + The system will validate that the **Zip Code** entered by the user matches the **Address** entered by the user.
* The system will validate the **State** based on the zip code entered by the user.
  + Once the user enters the **Zip Code** the system will automatically update the **State**. For example, if the user enters 21231 - the system will update the **State** as Maryland (MD).
* The system will validate the **Shipping Method** chosen by the user.
  + The **Delivery Time** and **Date** must fall within the constraints outlined in screen functionality.
    - The **Delivery Time** must be between 9:00AM and 7:00PM.
    - The **Delivery Date** must be within 21 days of the day in which the order is being placed.

**Error Messages:**

* When the user does not enter all fields/inputs incorrect information (see below) and clicks **Continue**:
  + First Name
  + Last Name
  + Phone Number
  + Address
  + Zip Code
  + State
    - The system will display, “Sorry an error has been made.” The system will highlight all incorrect or missing fields in red. The user will need to input the correct information for the system to *validate* the order and proceed to the **Payment Page**.
* If the user does not select a **Shipping Method,** the system will display, “Please select a Shipping Method.”
* If the user does not select a **Delivery Time**, the system will display, “Please select a Delivery Time.”
* If the user does not select a **Date,** the system will display, “Please select a Date.”
* If the user searches for a product using the **Search bar**, but no results are found, the following message will be displayed, “No results found.”
* If the system is experiencing unexpected downtime, the screen will display, “The website is currently unavailable. We apologize for the inconvenience.”

**11. Payment Page**

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**Screen Functionality:**

* After the user has entered the Delivery Address/Pick up time information, the system will ask the user for **Payment Information**, which includes:
  + **Name on Card -** The user will be asked to input their First Name, Middle Initial (if applicable), and Last Name.
  + **Card Number -** The user will be asked to input 16-digit credit/debit card number.
  + **Expiration Date -** The user will be asked to input their Expiration Date by month and year. For example, “03/22” is an acceptable Expiration Date.
  + **CVV code** - The user will be asked to input the 3 or 4-digit numeric number found on the back of their debit/credit card.
  + **Coupon Number (not required) -** If the user has an active coupon code to use, they can enter it now.
* All **required fields** are denoted by an **asterisk (\*).**
* Additionally, the user will be asked to input the **Billing Address** associated with the credit/debit card used, this includes:
  + First Name
  + Last Name
  + Address
  + Zip Code
  + State
* The user will have the option to select the radio button available that displays, **“Same as Shipping Address”**.
  + This option will reference the information entered by the user on the **Delivery Address/ Pick Up Time** page and automatically update the required fields shown above.
* If the **Billing Addres**s is different from the **Shipping Address** entered by the user then the user will need to enter in the correct **Billing Address** associated with the card.
* Users could go back to the previous page by clicking the **Go Back** button.
* If the user wishes to continue to the payment page they can select the **Continue** button.
* After the payment has been made the system will send a copy of the bill to the user’s mobile device and email.

**Tool Tips:**

* If a user hovers over the **CVV code field (What’s this)**, the system will display, “This is the three to four-digit code found on the back of your card.”

**Input Validation:**

* The system will validate **Name on Card** entered by the user.
  + The name on card of the user should be entered exactly same as the name on his/her card.
    - This will include:
      * First Name
      * Middle Initial (when applicable)
      * Last Name
* The system will validate the **Card Number** entered by the user.
  + The **Card Number** will only allow numeric characters.
  + The **Card Number** will not allow more than 16 numeric characters to be entered.
* The system will validate the **Expiration Date** associated with the user’s card.
  + The expiration date will consist of:
    - Month (i.e. 03)
    - Year (i.e. 22 to represent 2022)
  + The system will ensure that the Month is always entered before the Year.
* The system will validate the **CVV code** associated with the user’s card.
  + The **CVV code** will allow for three to four characters to be entered.
  + The **CVV code** will allow numeric characters.
* The system will validate the **Coupon Number** entered by the user.
  + The **Coupon Number** must be valid to implement the discount.
    - The system will ensure that the coupon has not expired.
  + The **Coupon Number** must contain 10 numeric characters.
    - The system will not allow more than 10 numeric values to be entered.
* If the **Billing Address** is not same as the **Shipping Address** then the following steps are performed:
* The system will validate the **First Name** entered by the user.
  + The **First Name** should contain only alphabetic characters.
  + The **First Name** can include not more than 45 characters.
  + The **First Name** will need to match the **Name on Card**.
* The system will validate the **Last Name** of the user.
  + The **Last Name** should contain only alphabetic characters.
  + The **Last Name** can include not more than 45 characters.
* The system will validate the **Address** entered by the user.
  + The **Address** entered by the user must contain alphanumeric characters.
  + The **Address** must contain one of the 45 standardized types of road.
  + The **Address** entered by the user will be validated using a Geographic information database.
* The system will validate the Z**ip Code** entered by the user.
  + The **Zip Code** should contain numeric characters only.
  + The system will not allow the **Zip Code** to exceed 5 maximum numeric characters.
* The system will validate the **State** based on the **Zip Code** entered by the user.
  + Once the user enters the **Zip Code** the system will automatically update the **State**. For example, if the user enters 21231 - the system will update the **State** as Maryland (MD).

**Error Messages:**

* When the user does not enter all fields/inputs incorrect information (see below) and clicks **Continue**:
  + Enter Your Payment information:
    - Name on Card
    - Card Number
    - Expiration Date
    - CVV code
    - Coupon Number
  + Billing Address information:
    - First Name
    - Last Name
    - Address
    - Zip Code
    - State

The system will display, “Sorry an error has been made.” The system will highlight all incorrect or missing fields in red. The user will need to input the correct information for the system to *validate* the payment and proceed to the **Submit Order page**.

* If the **Shipping Address** is different from the **Billing Address**, the system will display, “The Billing Address is different from the Shipping Address. Please re-enter the information or try another card.”
* If the user selects **Same As Shipping Address**, but the card associated has a different **Billing Address**, the system will display, “The Billing Address associated with this card is incorrect. Please try again.”
* If the user enters an expired or incorrect **Coupon Number**, the system will display, “The Coupon Number entered is invalid or expired.”
* If the user searches for a product using the **Search bar**, but no results are found, the following message will be displayed, “No results found.”
* If the system is experiencing unexpected downtime, the screen will display, “The website is currently unavailable. We apologize for the inconvenience.”

**12.** **Submit Order Page:**

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**Screen Functionality:**

* After the payment has been processed by the system, the **Shipping Address** and **Payment Information** of the user is displayed on the left-hand side on the screen.
  + The user will have the option to edit the **Shipping and Payment Information** via the **Edit** button that is available within each category.
    - If the user selects **Edit** within the **Shipping Addres**s category, they will be returned to the **Delivery Address/Pick Up Time Page**.
    - If the user selects **Edit** within the **Payment Information** category, they will be returned to the **Payment** page.
* On the right-hand side of the page, the system will display the My Order section which will display:
  + The items ordered by the customer.
    - This will include the quantity and the total cost for each product(s) purchased.
  + The total cost. This will include:
    - **Items Subtotal** - This will include the cumulative cost of all the products purchased by the user before tax.
    - **Shipping & Handling** - This will include the cost of delivery fee based off the customers selection. (Same-Day, One-Day, Two-Day, and Standard)
    - **Tax Collected** - This will include the addition of standard tax.
    - **Total Price** - The cumulative price of Items Subtotal, Shipping & Handling, and Tax.
* Users can go to the previous page by clicking the **Go Back** button.
* If the user wishes to submit their order, then the user can click the **Submit Order** button.

**Tool Tips:** None.

**Input Validation:**

* The system will validate the Shipping Address entered by the user.
  + If the user changes the **Shipping Address** by clicking the **Edit** feature, then the system will automatically update the address. The system will need to re-validate all information.
* The system will validate the card information entered by the user.
  + If the user changes the **Payment Information** by clicking the **Edit** feature, then the system will automatically update the payment info. The system will need to re-validate all information.
* The system will validate the price for all the items purchased by the user. If a coupon is used, the discount will be applied in full in the **My Order** category.

**Error Messages:**

* If the user searches for a product using the **Search bar**, but no results are found, the following message will be displayed, “No results found.”
* If the system is experiencing unexpected downtime, the screen will display, “The website is currently unavailable. We apologize for the inconvenience.”

**13.** **Order Confirmation Page:**

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**Screen Functionality:**

* After the user has completed their order and submitted via the **Submit Order** page, the system will display the **Order Confirmation** page.
* On the right-hand side of the page, the system will display the My Order section which will display:
  + The items ordered by the customer.
    - This will include the quantity and the total cost for each product(s) purchased.
  + The total cost. This will include:
    - **Items Subtotal** - This will include the cumulative cost of all the products purchased by the user before tax.
    - **Shipping & Handling** - This will include the cost of delivery fee based off the customers selection. (Same-Day, One-Day, Two-Day, and Standard)
    - **Tax Collected** - This will include the addition of standard tax.
    - **Total Price** - The cumulative price of Items Subtotal, Shipping & Handling, and Tax.
* On the right-hand side of the page, the system will display, “Thank you for shopping at Charm City Market!”
* Additionally, the system will display the following items:
  + **Order ID** - This ID is a unique number assigned to each order that is placed via the online system. Each order will have a unique, individualized ID that will help identify the order quickly.
  + **Tracking Number -** The Tracking Number is a unique number assigned to each order that is placed via the online system. Each order will have a unique, individualized Track Number that will help identify the customer track their order should they have chosen delivery.
* If users want to continue shopping, they can select the **Continue Shopping** button. They will be navigated to the **Product Category** page.

**Tool Tips**: None.

**Input Validation:** None.

**Error Messages:**

* If the user searches for a product using the **Search bar**, but no results are found, the following message will be displayed, “No results found.”
* If the system is experiencing unexpected downtime, the screen will display, “The website is currently unavailable. We apologize for the inconvenience.”