

Checkout

Description

The customer has items in the shopping cart and is ready to pay for the items.

Pre-Conditions

- The customer has items in the cart.
- The customer clicks on the 'Checkout' button.

Flow of Events

- **Basic Flow** – The customer is at the Checkout screen and ready to pay
 1. The use case begins when the customer clicks on 'Checkout' button.
 2. The system prompts the customer to enter billing address, credit card number, expiration date and cvc code.
 3. The customer inputs billing address, credit card number, expiration date and cvc code.
 4. The system processes the order, flags payment as pending and add order to order queue.
 5. The use case ends.
- **Exception Flow 1** – Customer inputs invalid payment
 1. This flow begins when the customer inputs invalid payment.
 2. The system displays message 'Invalid payment'.
 3. The message disappears and the flow and the customer can re-enter payment information.
 4. The basic flow continues when the customer enters a valid payment information (Basic Flow 4).

Additional Detail

- The payment system is through Android Pay or Apple Pay.

Special Requirements

- Availability AVA1 – The application must be available (online) 24 hours a day, 7 days a week, less scheduled down time.

Post-Conditions

- The system flags the payment as pending until confirm delivery.
- The system place the order in an order queue.

Analyst Notes

- None

Login

Description

The customer logs in to his or her account and authenticates the customer's credential before proceeding.

Pre-Conditions

- The customer has an account with LiquorRush.
- The customer has the LiquorRush app open and at the login screen.

Flow of Events

- **Basic Flow** – The customer login to the LiquorRush app.
 1. The use case begins when the customer attempts to login to the LiquorRush app.
 2. The customer inputs Email and password.
 3. The system validates user credentials.
 4. The system proceeds to the LiquorRush app main screen.
 5. The use case ends.
- **Exception Flow 1** – Authentication fails
 1. This flow begins when the customer enters an invalid Email or Password.
 2. The system displays message 'Invalid Username/Password'.
 3. The message disappears and the customer can re-enter credential.
 4. The basic flow continues where the customer inputs Email and password (Basic Flow 2)

Additional Detail

- None

Special Requirements

- Usability USA1 – The customer must be able to login to the application within 3 seconds once the account has been created
- Security SEC1 – The application must authenticate all users using ID and password.
- Availability AVA1 – The application must be available (online) 24 hours a day, 7 days a week, less scheduled down time.

Post-Conditions

- The customer is logged in to the LiquorRush app and is at the main screen.

Analyst Notes

- How many failed attempts do we allow?

Order

Description

The customer views our product and create an order by placing products in the cart.

Pre-Conditions

- The customer is login to the LiquorRush App.
- The customer is in the main screen.

Flow of Events

- **Basic Flow** – The customer scrolls through the inventory
 1. The use case begins when the system displays the inventory to the customer.
 2. The customer selects an item and add it to the cart.
 3. The system adds the item to the cart.
 4. The customer clicks on the cart icon.
 5. The system display cart screen to customer.
 6. The customer clicks on checkout.
 7. The system proceeds to checkout.
 8. The use case ends.
- **Alternative Flow 1** – Customer adds more items
 1. This flow begins when the customer adds another items.
 2. The system continues to add items to cart as long as customer continues to add items.
 3. The basic flow continues when the customer clicks on the cart button (Basic Flow 4).

Additional Detail

- None

Special Requirements

- Usability USA2 – The application must take no more than 3 seconds to go to a different page.
- Usability USA3 – The application must display a fill screen image(s) when the customer clicks on the image(s) within 3 seconds.
- Reliability REL3 – The application must display all products within a category of alcohol within 3 seconds.
- Availability AVA1 – The application must be available (online) 24 hours a day, 7 days a week, less scheduled down time.

Post-Conditions

- The system proceeds to the checkout screen.

Analyst Notes

- None

Register New Account

Description

Customer can register and create a new account in order to begin using our service

Pre-Conditions

N/A

Flow of Events

- **Basic Flow** - The customer will request to create a new account with their personal information.
 1. The use case begins when the customer clicks on the 'No account yet? Create one' button.
 2. The system presents the customer with the registration page.
 3. The customer inputs name, license number, email, password, verify password, address, city, state and zip.
 4. The customer clicks 'create account'.
 5. The system verifies all information is entered and the email does not already exist in the database.
 6. The system creates a new account for the customer.
 7. The system returns to the login screen.
 8. The use case ends.
- **Exception Flow 1** – Email already in use.
 1. This flow begins when the customer enters an Email that is already in use (Basic Flow 2)
 2. The system responds by notifying customer that Email is already in use.
 3. The notification disappear and the customer can enter another Email.
 4. The basic flow continues after the customer enter an Email that is not already in use.

Additional Detail

- The customer's Email and password are used for logins.

Special Requirements

- Reliability REL1 – The customer account must be created within 2 seconds once the user clicks 'create account'.
- Availability AVA1 – The application must be available (online) 24 hours a day, 7 days a week, less scheduled down time.

Post-Conditions

- The customer's personal information is stored in the database.
- The system creates an account for the customer within 2 seconds.

Analyst Notes

- How do we verify age?