

Beverage Booker	
Use-case Specification: Place Order	Date: 27/10/2020

Beverage Booker

Use-Case: Place Order

1. Brief Description

When a customer
Wants takeaway food/drink from the cafe they place an order
So that they can pick up their food/drink when it is ready

2. Actors

2.1. Customer
The customer is wanting to order food and/or beverages from the café via the app

3. Pre-Conditions

- 3.1. The customer has already created an account
- 3.2. The customer has opened the app on their Android device
- 3.3. The customer has a stable internet connection
- 3.4. The customer has logged in
- 3.5. The customer has filled their cart

4. Normal Flow

The use case begins when the customer selects the 'Cart' button from the Browse Menu Activity

Actor	System
	1. App moves to the Cart Activity
	2. Cart item list, individual prices, individual quantities and 'Cart Total' are displayed
3. User presses the 'Checkout' button	4. App moves to the Select Order Type Activity
	5. 'Pick Up' and 'Delivery' buttons are displayed
6. User presses the 'Pick Up' button	7. App moves to the Payment Activity
	8. Fields for following details displayed: Credit Card Number, CVC, Expiry Date and Billing Address Postcode
9. User enters credit card number, CVC, expiry date and billing address postcode	
10. User presses the 'Place Order' button	11. App moves to the Order Confirmation Activity

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	12. Message displayed: " Thank you for your order, <user first name>. Your order will be ready in approximately <estimated order time> minutes.
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The use case ends.

5. Alternate Flows

5.1 Credit card number is not equal to 16 digits in length

If at step 9 of the normal flow the user enters a credit card number that is not equal to 16 digits in length, then

Actor	System
	9.1. App focuses on credit card number field
9.2. User enters credit card number 16 digits in length	

Normal flow is resumed at step 10.

5.2 Credit card CVC is not equal to 3 digits in length

If at step 9 of the normal flow the user enters a credit card CVV that is not equal to 3 digits in length, then

Actor	System
	9.1. App focuses on CVC field
9.2. User enters CVV number 3 digits in length	

Normal flow is resumed at step 10.

5.3 Credit card is expired

If at step 9 of the normal flow the user enters an date that is not in the future, then

Actor	System
	9.1. App focuses on expiry date field
9.2. User enters expiry date in the future	

Normal flow is resumed at step 10.

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5.4 User presses 'Delivery' button

If at step 6 of the normal flow the user presses the 'Delivery' button, then

Actor	System
	6.1. App moves to the DElivery Address Input Activity
	6.2 App displays fields for: 'Unit' and 'Street Address'.
6.3. User enters delivery address details	
6.4. User presses the 'Proceed to Payment' button	

Normal flow is resumed at step 7.

6. Key Scenarios

- 6.1. The customer successfully places an order with the cafe
- 6.2. The customer enters incorrect payment details before then providing correct details and placing their order

7. Post-conditions

- 7.1. Normal flow where a pick-up order is successfully placed.
 - A new order is created and is placed with the café
 - The credit card entered or attached to an account is debited by the cost of the order
 - The order is viewable for filling on the cafe-side app
- 7.2. Alternate flow where a delivery order is successfully placed.
 - A new order is created and is placed with the café
 - The credit card entered or attached to an account is debited by the cost of the order
 - The order is viewable for filling on the cafe-side app
 - A delivery entry is viewable for the delivery driver on the cafe-side app