Beverage Booker

FAT Document - Customer Application

Version Control

Version #	Date	Author	Description
1.0	20/06/2020	Benn Curby	Initial Draft
1.1	20/06/2020	Benn Curby	Scenario 1: Create User added
1.2	21/06/2020	Benn Curby	Scenario 2: Log In added
1.3	22/06/2020	Benn Curby	Scenario 3: Fill Cart added
1.4	22/06/2020	Benn Curby	Scenario 4: Place Order added
2.0	24/06/2020	Benn Curby	LCAM Submission

Table of Contents

Scenario	Test Script
Log In	2.1 Log In - Valid User Login Credentials
	2.2 Log In - Incorrect Email
	2.3 Log In - Incorrect Password
	2.4 Log In - Email Field Empty
	2.5 Log In - Password Field Empty
	2.6 Log In - Both Fields Empty

Scenario	Test Script
Fill Cart	3.1 Fill Cart - User Moves to Cart Screen with Empty Cart
	3.2 Fill Cart - User Tries to Checkout with Empty Cart
	3.3 Fill Cart - User Adds 'Flat White' to Cart
	3.4 Fill Cart - User Tries to Add 'Flat White' to Cart Twice
	3.5 Fill Cart - User adds 'Flat White' and 'Vanilla Milkshake' to Cart

Scenario	Test Script
Place Order	4.1 Place Order - Credit Card Number Less Than 16 Digits
	4.2 Place Order - Credit Card CVV Less Than 3 Digits
	4.3 Place Order - Credit Card Expired
	4.4 Place Order - User Credit Card Accepted and Order Placed

Scenario 1: Create User

Scenario Description

● The intent of the Create User test scenario is to test the normal and alternate flows of a new user to the app trying to create an account.

Test Scripts

The following scripts will cover this scenario:

● 1.1 Create User - Valid User Data

● 1.2 Create User - Invalid Format Email

● 1.3 Create User - Password Less Than Required Length (<6 characters)

● 1.4 Create User - Password Mixture of Letters, Numbers & Symbols

● 1.5 Create User - Email Field Empty

● 1.6 Create User - Password Field Empty

● 1.7 Create User - First Name Field Empty

● 1.8 Create User - Last Name Field Empty

● 1.9 Create User - Phone Field Empty

● 1.9.1 Create User - All Fields Empty

● 1.9.2 Create User - Mobile Number Not Equal to 10 Digits

Use Case

● Create User

Test Components/Requirements

This test scenario covers the following high-level test requirements (see scripts below for specific requirements covered by each test script):

● Component Account

● Account Creation/Login

● Data Integrity

Script 1.1: Create User - Valid User Data

Script Description

- The tester will open the application on the Android Studio emulator

- The tester will then click the text at the bottom to move to the Create Account screen

- The tester will then proceed to create an account, filling all the fields with valid input data

- The tester will click the Sign Up button

- Expected result: The account for the new user should be created. The app will then move to the Login screen. Account creation can be confirmed by checking if the user is registered in the database.

Testing Requirements

This test script covers the following specific testing requirements:

- Account Creation/Login

- Data Integrity

Setup

- A set of valid test data for account creation

- The user has opened the app on the Android Studio emulator

- The connection to the server is stable and the database is online

Script Steps

Step #	Test Action	Expected Results	Pass / Fail
1	User clicks the "Don't have an Account? Click to Register" text	App moves to the Create Account screen	Pass
2	User enters email address	email address entered is visible in the email field	Pass
3	User enters password	password entered is visible in the password field	Pass
4	User enters first name	first name entered is visible in the first name field	Pass
5	User enters last name	last name entered is visible in the last name field	Pass
6	User enters mobile number	mobile number entered is visible in the mobile number field	Pass
7	User clicks the 'Sign Up' button	Toast: "User created successfully" App moves to Login screen	Pass

Test Execution

Date/Time	Tester	Test Phase	Status
21/06/20 15:28 pm	Benn Curby	LCAM	Passed
22/06/20 16:00 pm	Jacob Kennedy	LCAM	Passed
23/06/20 7:30 pm	Emily Carter	LCAM	Passed
23/06/20 9:15 pm	Jake Durnford	LCAM	Passed

Test Data Table

Data Field	Benn	Jake	Emily	Jacob
Email	johnsmith@gmail.com	jaketest@gmail.com	janedoe@gmail.com	test@email.com
Password	123456	test123	12345A	testuser
First Name	John	Jake	Jane	Test
Last Name	Smith	Test	Doe	User
Phone	0402123123	0411978240	0468516009	0420012345

Script 1.2: Create User - Invalid Email Format

Script Description

- The tester will open the application on the Android Studio emulator
- The tester will then click the text at the bottom to move to the Create Account screen
- The tester will then proceed to create an account, filling all the fields with the test data
- The tester will click the Sign Up button
- Expected result: The account for the new user should not be created. The app will respond with a focus on the email field and a message of "Enter a valid email"

Testing Requirements

This test script covers the following specific testing requirements:

- Account Creation/Login
- Data Integrity

Setup

- A set of test data for account creation
- The user has opened the app on the Android Studio emulator
- The connection to the server is stable and the database is online

Beverage Booker

FAT Document - Customer Application

Script Steps

Step #	Test Action	Expected Results	Pass / Fail
1	User clicks the "Don't have an Account? Click to Register" text	App moves to the Create Account screen	Pass
2	User enters email address	Email address entered is visible in the email field	Pass
3	User enters password	Password entered is visible in the password field	Pass
4	User enters first name	First name entered is visible in the first name field	Pass
5	User enters last name	Last name entered is visible in the last name field	Pass
6	User enters mobile number	Mobile number entered is visible in the mobile number field	Pass
7	User clicks the 'Sign Up' button	Focus on email field and message: "Enter a valid email"	Pass

Test Execution

Date/Time	Tester	Test Phase	Status
21/06/20 17:52 pm	Benn Curby	LCAM	Passed
22/06/20 16:01 pm	Jacob Kennedy	LCAM	Passed
23/06/20 7:32 pm	Emily Carter	LCAM	Passed
23/06/20 9:22 pm	Jake Durnford	LCAM	Passed

Test Data Table

Data Field	Benn	Jake	Emily	Jacob
Email	steveperry.com	tester-gmail.com	janedoe2gmail.com	test@email
Password	123456	test123	12345A	testuser
First Name	Steve	Jake	Jane	Test
Last Name	Perry	Test	Doe	User
Phone	0404222333	0411998800	0468516009	0420012345

Script 1.3: Create User - Password Less Than Required Length (< 6 characters)

Script Description

- The tester will open the application on the Android Studio emulator

- The tester will then click the text at the bottom to move to the Create Account screen

- The tester will then proceed to create an account, filling all the fields with the test data

- The tester will click the Sign Up button

- Expected result: The account for the new user should not be created. The app will respond with a focus on the password field and a message of "Password should be at least 6 characters long"

Testing Requirements

This test script covers the following specific testing requirements:

- Account Creation/Login
- Data Integrity

Setup

- A set of test data for account creation

- The user has opened the app on the Android Studio emulator

- The connection to the server is stable and the database is online

Script Steps

Step #	Test Action	Expected Results	Pass / Fail
1	User clicks the "Don't have an Account? Click to Register" text	App moves to the Create Account screen	Pass
2	User enters email address	Email address entered is visible in the email field	Pass
3	User enters password	Password entered is visible in the password field	Pass
4	User enters first name	First name entered is visible in the first name field	Pass
5	User enters last name	Last name entered is visible in the last name field	Pass
6	User enters mobile number	Mobile number entered is visible in the mobile number field	Pass
7	User clicks the 'Sign Up' button	Focus on password field and message: "Password should be at least 6 characters long"	Pass

Test Execution

Date/Time	Tester	Test Phase	Status
21/06/20 18:55 pm	Benn Curby	LCAM	Passed
23/06/20 18:48 pm	Jacob Kennedy	LCAM	Passed
23/06/20 7:40 pm	Emily Carter	LCAM	Passed
23/06/20 9:33 pm	Jake Durnford	LCAM	Passed

Test Data Table

Data Field	Benn	Jake	Emily	Jacob
Email	steveperry@gmail.com	tester@gmail.com	janedoe@gmail.com	bobdefault@email.com
Password	1234	test	A1239	passw
First Name	Steve	Jake	Jane	Bob
Last Name	Perry	Test	Doe	Default
Phone	0404222333	0400990099	0468516009	0412121121

Script 1.4: Create User - Password Mixture of Letters, Numbers & Symbols

Script Description

- The tester will open the application on the Android Studio emulator

- The tester will then click the text at the bottom to move to the Create Account screen

- The tester will then proceed to create an account, filling all the fields with valid input data

- The tester will click the Sign Up button

- Expected result: The account for the new user should be created. The app will then move to the Login screen. Account creation can be confirmed by checking if the user is registered in the database.

Testing Requirements

This test script covers the following specific testing requirements:

- Account Creation/Login
- Data Integrity

Setup

- A set of test data for account creation

- The user has opened the app on the Android Studio emulator

- The connection to the server is stable and the database is online

Script Steps

Step #	Test Action	Expected Results	Pass / Fail
1	User clicks the "Don't have an Account? Click to Register" text	App moves to the Create Account screen	Pass
2	User enters email address	Email address entered is visible in the email field	Pass
3	User enters password	Password entered is visible in the password field	Pass
4	User enters first name	First name entered is visible in the first name field	Pass
5	User enters last name	Last name entered is visible in the last name field	Pass
6	User enters mobile number	Mobile number entered is visible in the mobile number field	Pass
7	User clicks the 'Sign Up' button	Toast: "User created successfully" App moves to Login screen	Pass

Test Execution

Date/Time	Tester	Test Phase	Status
21/06/20 18:58 pm	Benn Curby	LCAM	Passed
23/06/20 18:49 pm	Jacob Kennedy	LCAM	Passed
23/06/20 7:55 pm	Emily Carter	LCAM	Passed
23/06/20 9:43 pm	Jake Durnford	LCAM	Passed

Test Data Table

Data Field	Benn	Jake	Emily	Jacob
Email	steveperry@gmail.com	tester@gmail.com	janedoe@gmail.com	bobdefault@email.com
Password	123Dcs$#	1!2@aAbB	A123!6	passw#p?
First Name	Steve	Jake	Jane	Bob
Last Name	Perry	Test	Doe	Default
Phone	0404222333	0400112233	0468516009	0412121121

Script 1.5: Create User - Email Field Empty

Script Description

- The tester will open the application on the Android Studio emulator
- The tester will then click the text at the bottom to move to the Create Account screen
- The tester will then proceed to create an account, filling all the fields with valid input data
- The tester will click the Sign Up button
- Expected result: The account for the new user should not be created. The app will focus on the email field and a message saying: "Email is required" will be displayed

Testing Requirements

This test script covers the following specific testing requirements:

- Account Creation/Login
- Data Integrity

Setup

- A set of test data for account creation
- The user has opened the app on the Android Studio emulator
- The connection to the server is stable and the database is online

Beverage Booker

FAT Document - Customer Application

Script Steps

Step #	Test Action	Expected Results	Pass / Fail
1	User clicks the "Don't have an Account? Click to Register" text	App moves to the Create Account screen	Pass
2	User enters email address	Email address entered is visible in the email field	Pass
3	User enters password	Password entered is visible in the password field	Pass
4	User enters first name	First name entered is visible in the first name field	Pass
5	User enters last name	Last name entered is visible in the last name field	Pass
6	User enters mobile number	Mobile number entered is visible in the mobile number field	Pass
7	User clicks the 'Sign Up' button	Focus on email field and message: "Email is required"	Pass

Test Execution

Date/Time	Tester	Test Phase	Status
21/06/20 19:03 pm	Benn Curby	LCAM	Passed
23/06/20 18:51 pm	Jacob Kennedy	LCAM	Passed
23/06/20 8:01 pm	Emily Carter	LCAM	Passed
23/06/20 9:44 pm	Jake Durnford	LCAM	Passed

Test Data Table

Data Field	Benn	Jake	Emily	Jacob
Email				
Password	123456	test123	A123!6	password
First Name	Benn	Jake	Jane	David
Last Name	Curby	Test	Doe	Default
Phone	0406444333	0411998822	0468516009	0412125621

Script 1.6: Create User - Password Field Empty

Script Description

- The tester will open the application on the Android Studio emulator

- The tester will then click the text at the bottom to move to the Create Account screen

- The tester will then proceed to create an account, filling all the fields with valid input data

- The tester will click the Sign Up button

- Expected result: The account for the new user should not be created. The app will respond with a focus on the password field and a message of "Password required"

Testing Requirements

This test script covers the following specific testing requirements:

- Account Creation/Login

- Data Integrity

Setup

- A set of test data for account creation

- The user has opened the app on the Android Studio emulator

- The connection to the server is stable and the database is online

Script Steps

Step #	Test Action	Expected Results	Pass / Fail
1	User clicks the "Don't have an Account? Click to Register" text	App moves to the Create Account screen	Pass
2	User enters email address	email address entered is visible in the email field	Pass
3	User enters password	password entered is visible in the password field	Pass
4	User enters first name	first name entered is visible in the first name field	Pass
5	User enters last name	last name entered is visible in the last name field	Pass
6	User enters mobile number	mobile number entered is visible in the mobile number field	Pass
7	User clicks the 'Sign Up' button	Focus on password field and message: "Password required"	Pass

Test Execution

Date/Time	Tester	Test Phase	Status
21/06/20 19:09 pm	Benn Curby	LCAM	Passed
23/06/20 18:54	Jacob Kennedy	LCAM	Passed
23/06/20 8:05 pm	Emily Carter	LCAM	Passed
23/06/20 9:45 pm	Jake Durnford	LCAM	Passed

Test Data Table

Data Field	Benn	Jake	Emily	Jacob
Email	benn@gmail.com	tester@gmail.com	janedoe@gmail.com	ddefault@email.com
Password				
First Name	Benn	Jake	Jane	David
Last Name	Curby	Test	Doe	Default
Phone	0406444333	0411998822	0468516009	0412125621

Script 1.7: Create User - First Name Field Empty

Script Description

- The tester will open the application on the Android Studio emulator
- The tester will then click the text at the bottom to move to the Create Account screen
- The tester will then proceed to create an account, filling all the fields with valid input data
- The tester will click the Sign Up button
- Expected result: The account for the new user should not be created. The app will respond with a focus on the first name field and a message of "First Name required"

Testing Requirements

This test script covers the following specific testing requirements:

- Account Creation/Login
- Data Integrity

Setup

- A set of test data for account creation
- The user has opened the app on the Android Studio emulator
- The connection to the server is stable and the database is online

Beverage Booker

FAT Document - Customer Application

Script Steps

Step #	Test Action	Expected Results	Pass / Fail
1	User clicks the "Don't have an Account? Click to Register" text	App moves to the Create Account screen	Pass
2	User enters email address	Email address entered is visible in the email field	Pass
3	User enters password	Password entered is visible in the password field	Pass
4	User enters first name	First name entered is visible in the first name field	Pass
5	User enters last name	Last name entered is visible in the last name field	Pass
6	User enters mobile number	Mobile number entered is visible in the mobile number field	Pass
7	User clicks the 'Sign Up' button	Focus on first name field and message: "First Name required"	Pass

Test Execution

Date/Time	Tester	Test Phase	Status
21/06/20 19:12 pm	Benn Curby	LCAM	Passed
23/06/20 18:55 pm	Jacob Kennedy	LCAM	Passed
23/06/20 8:7 pm	Emily Carter	LCAM	Passed
23/06/20 9:46 pm	Jake Durnford	LCAM	Passed

Test Data Table

Data Field	Benn	Jake	Emily	Jacob
Email	benn@gmail.com	tester@gmail.com	janedoe@gmail.com	ddefault@email.com
Password	123456	test123	12345A	password
First Name				
Last Name	Curby	Test	Doe	Default
Phone	0406444333	0411998822	0468516009	0412125621

Script 1.8: Create User - Last Name Field Empty

Script Description

- The tester will open the application on the Android Studio emulator
- The tester will then click the text at the bottom to move to the Create Account screen
- The tester will then proceed to create an account, filling all the fields with valid input data
- The tester will click the Sign Up button
- Expected result: The account for the new user should not be created. The app will respond with a focus on the last name field and a message of "Last Name required"

Testing Requirements

This test script covers the following specific testing requirements:

- Account Creation/Login
- Data Integrity

Setup

- A set of test data for account creation
- The user has opened the app on the Android Studio emulator
- The connection to the server is stable and the database is online

Script Steps

Step #	Test Action	Expected Results	Pass / Fail
1	User clicks the "Don't have an Account? Click to Register" text	App moves to the Create Account screen	Pass
2	User enters email address	email address entered is visible in the email field	Pass
3	User enters password	password entered is visible in the password field	Pass
4	User enters first name	first name entered is visible in the first name field	Pass
5	User enters last name	last name entered is visible in the last name field	Pass
6	User enters mobile number	mobile number entered is visible in the mobile number field	Pass
7	User clicks the 'Sign Up' button	Focus on last name field and message: "Last Name required"	Pass

Test Execution

Date/Time	Tester	Test Phase	Status
21/06/20 19:31 pm	Benn Curby	LCAM	Passed
23/06/20 18:57 pm	Jacob Kennedy	LCAM	Passed
23/06/20 8:10 pm	Emily Carter	LCAM	Passed
23/06/20 9:48 pm	Jake Durnford	LCAM	Passed

Test Data Table

Data Field	Benn	Jake	Emily	Jacob
Email	benn@gmail.com	tester@gmail.com	janedoe@gmail.com	ddefault@email.com
Password	123456	test123	12345A	password
First Name	Benn	Jake	Jane	David
Last Name				
Phone	0406444333	0411998822	0468516009	0412125621

Script 1.9: Create User - Mobile Number Field Empty

Script Description

- The tester will open the application on the Android Studio emulator

- The tester will then click the text at the bottom to move to the Create Account screen

- The tester will then proceed to create an account, filling all the fields with valid input data

- The tester will click the Sign Up button

- Expected result: The account for the new user should not be created. The app will respond with a focus on the mobile number field and a message of "Phone Number required"

Testing Requirements

This test script covers the following specific testing requirements:

- Account Creation/Login
- Data Integrity

Setup

- A set of test data for account creation

- The user has opened the app on the Android Studio emulator

- The connection to the server is stable and the database is online

Script Steps

Step #	Test Action	Expected Results	Pass / Fail
1	User clicks the "Don't have an Account? Click to Register" text	App moves to the Create Account screen	Pass
2	User enters email address	Email address entered is visible in the email field	Pass
3	User enters password	Length of password entered is visible in the password field	Pass
4	User enters first name	First name entered is visible in the first name field	Pass
5	User enters last name	Last name entered is visible in the last name field	Pass
6	User enters mobile number	Mobile number entered is visible in the mobile number field	Pass
7	User clicks the 'Sign Up' button	Focus on mobile number field and message: "Phone Number required"	Pass

Test Execution

Date/Time	Tester	Test Phase	Status
21/06/20 19:34 pm	Benn Curby	LCAM	Passed
23/06/20 18:58 pm	Jacob Kennedy	LCAM	Passed
23/06/20 8:17 pm	Emily Carter	LCAM	Passed
23/06/20 9:49 pm	Jake Durnford	LCAM	Passed

Test Data Table

Data Field	Benn	Jake	Emily	Jacob
Email	benn@gmail.com	tester@gmail.com	janedoe@gmail.com	ddefault@email.com
Password	123456	test123	12345A	password
First Name	Benn	Jake	Jane	David
Last Name	Curby	Test	Doe	Default
Phone				

Script 1.9.1: Create User - All Fields Empty

Script Description

- The tester will open the application on the Android Studio emulator

- The tester will then click the text at the bottom to move to the Create Account screen

- The tester will then proceed to create an account, filling all the fields with valid input data

- The tester will click the Sign Up button

- Expected result: The account for the new user should not be created. The app will respond with a focus on the email field and display a message of "Email is required"

Testing Requirements

This test script covers the following specific testing requirements:

- Account Creation/Login

- Data Integrity

Setup

- A set of test data for account creation

- The user has opened the app on the Android Studio emulator

- The connection to the server is stable and the database is online

Beverage Booker

FAT Document - Customer Application

Script Steps

Step #	Test Action	Expected Results	Pass / Fail
1	User clicks the "Don't have an Account? Click to Register" text	App moves to the Create Account screen	Pass
2	User clicks the 'Sign Up' button	Focus on email field and message: "Email is required"	Pass

Test Execution

Date/Time	Tester	Test Phase	Status
21/06/20 19:38 pm	Benn Curby	LCAM	Passed
12/06/20 18:59 pm	Jacob Kennedy	LCAM	Passed
23/06/20 8:18 pm	Emily Carter	LCAM	Passed
23/06/20 9:49 pm	Jake Durnford	LCAM	Passed

Test Data Table

Data Field	Benn	Jake	Emily	Jacob
Email	null	null	null	null
Password	null	null	null	null
First Name	null	null	null	null
Last Name	null	null	null	null
Phone	null	null	null	null

Script 1.9.2: Create User - Mobile Number Not Equal to 10 Digits

Script Description

- The tester will open the application on the Android Studio emulator
- The tester will then click the text at the bottom to move to the Create Account screen
- The tester will then proceed to create an account, filling all the fields with test data
- The tester will click the Sign Up button
- Expected result: The account for the new user should not be created. The app will respond with a focus on the mobile number field and display a message of "Mobile Number must be 10 digits"

Testing Requirements

This test script covers the following specific testing requirements:

- Account Creation/Login
- Data Integrity

Setup

- A set of test data for account creation
- The user has opened the app on the Android Studio emulator
- The connection to the server is stable and the database is online

Script Steps

Step #	Test Action	Expected Results	Pass / Fail
1	User clicks the "Don't have an Account? Click to Register" text	App moves to the Create Account screen	Pass
2	User enters email address	Email address entered is visible in the email field	Pass
3	User enters password	Length of password entered is visible in the password field	Pass
4	User enters first name	First name entered is visible in the first name field	Pass
5	User enters last name	Last name entered is visible in the last name field	Pass
6	User enters mobile number	Mobile number entered is visible in the mobile number field	Pass
7	User clicks the 'Sign Up' button	Focus on mobile number field and message: "Mobile Number must be 10 digits"	Pass

Test Execution

Date/Time	Tester	Test Phase	Status
22/06/20 19:30 pm	Benn Curby	LCAM	Passed
23/06/20 19:02 pm	Jacob Kennedy	LCAM	Passed
23/06/20 8:22 pm	Emily Carter	LCAM	Passed
23/06/20 9:50 pm	Jake Durnford	LCAM	Passed

Test Data Table

Data Field	Benn	Jake	Emily	Jacob
Email	benn@gmail.com	tester@gmail.com	janedoe@gmail.com	test@email.com
Password	123456	test123	12345A	testuser
First Name	Benn	Jake	Jane	Test
Last Name	Curby	Test	Doe	User
Phone	0402	041234	04685160097	04121233211111

Scenario 2: Log In

Scenario Description

- The intent of the Log In test scenario is to test the normal and alternate flows of an existing user of the app trying to log in to their registered account.

Test Scripts

The following scripts will cover this scenario:

- 2.1 Log In - Valid User Login Credentials

- 2.2 Log In - Incorrect Email

- 2.3 Log In - Incorrect Password

- 2.4 Log In - Email Field Empty

- 2.5 Log In - Password Field Empty

- 2.6 Log In - Both Fields Empty

Use Case

- Log In

Test Components/Requirements

This test scenario covers the following high-level test requirements (see scripts below for specific requirements covered by each test script):

- Component Account

- Data Integrity

- Security

Script 2.1: Log In - Valid User Login Credentials

Script Description

- The tester will open the application on the Android Studio emulator
- The tester will then proceed to log in to an account, filling all the fields with test data
- The tester will click the 'Log In' button
- Expected result: The user will be logged in to their account. The app will move to the Profile Activity screen.

Testing Requirements

This test script covers the following specific testing requirements:

- Account Creation/Login
- Data Integrity
- Security

Setup

- A set of test data for login
- Tester has carried out previous test script '1.1 Create User - Valid User Data'
- The user has opened the app on the Android Studio emulator
- The connection to the server is stable and the database is online

Script Steps

Step #	Test Action	Expected Results	Pass / Fail
1	User enters email address	Email address entered is visible in the email field	Pass
2	User enters password	Length of password entered is visible in the password field	Pass
3	User clicks the 'Log In' button	App moves to Profile Activity screen. Message of: "Welcome back <user first name>" is displayed	Pass

Test Execution

Date/Time	Tester	Test Phase	Status
21/06/20 19:52 pm	Benn Curby	LCAM	Passed
22/06/20 16:01 pm	Jacob Kennedy	LCAM	Passed
23/06/20 8:30 pm	Emily Carter	LCAM	Passed
23/06/20 9:51 pm	Jake Durnford	LCAM	Passed

Test Data Table

Data Field	Benn	Jake	Emily	Jacob
Email	johnsmith@gmail.com	jaketest@gmail.com	janedoe@gmail.com	test@email.com
Password	123456	test123	12345A	testuser

Script 2.2: Log In - Incorrect Email

Script Description

● The tester will open the application on the Android Studio emulator

● The tester will then proceed to log in to an account, filling all the fields with test data

● The tester will click the 'Log In' button

● Expected result: The user will not be logged into their account. Toast message of "User does not exist" will be displayed

Testing Requirements

This test script covers the following specific testing requirements:

● Account Creation/Login

● Data Integrity

● Security

Setup

● A set of test data for login

● Tester has carried out previous test script '1.1 Create User - Valid User Data'

● The user has opened the app on the Android Studio emulator

● The connection to the server is stable and the database is online

Script Steps

Step #	Test Action	Expected Results	Pass / Fail
1	User enters email address	Email address entered is visible in the email field	Pass
2	User enters password	Length of password entered is visible in the password field	Pass
3	User clicks the 'Log In' button	Toast message of "User does not exist" will be displayed	Pass

Test Execution

Date/Time	Tester	Test Phase	Status
21/06/20 19:55 pm	Benn Curby	LCAM	Passed
23/06/20 19:04 pm	Jacob Kennedy	LCAM	Passed
23/06/20 8:35 pm	Emily Carter	LCAM	Passed
23/06/20 9:56 pm	Jake Durnford	LCAM	Passed

Test Data Table

Data Field	Benn	Jake	Emily	Jacob
Email	john@gmail.com	jake@gmail.com	doe@gmail.com	te@email.com
Password	123456	test123	12345A	testuser

Script 2.3: Log In - Incorrect Password

Script Description

- The tester will open the application on the Android Studio emulator
- The tester will then proceed to log in to an account, filling all the fields with test data
- The tester will click the 'Log In' button
- Expected result: The user will not be logged into their account. Toast message of "Invalid login credentials" will be displayed

Testing Requirements

This test script covers the following specific testing requirements:

- Account Creation/Login
- Data Integrity
- Security

Setup

- A set of test data for login
- Tester has carried out previous test script '1.1 Create User - Valid User Data'
- The user has opened the app on the Android Studio emulator
- The connection to the server is stable and the database is online

Script Steps

Step #	Test Action	Expected Results	Pass / Fail
1	User enters email address	Email address entered is visible in the email field	Pass
2	User enters password	Length of password entered is visible in the password field	Pass
3	User clicks the 'Log In' button	Toast message of "Invalid login credentials" will be displayed	Pass

Test Execution

Date/Time	Tester	Test Phase	Status
21/06/20 20:00 pm	Benn Curby	LCAM	Failed**
21/06/20 20:21 pm	Benn Curby	LCAM	Passed
23/06/20 19:05 pm	Jacob Kennedy	LCAM	Passed
23/06/20 8:43 pm	Emily Carter	LCAM	Passed
23/06/20 9:57 pm	Jake Durnford	LCAM	Passed

Test Data Table

Data Field	Benn	Jake	Emily	Jacob
Email	johnsmith@gmail.com	jaketest@gmail.com	janedoe@gmail.com	test@email.com
Password	123456789	test12345	12345a	testuse

Test Notes

Failed** - App was crashing for an incorrect password for a user registered email address. Made changes to the login handling of API response and that has fixed the issue. Second attempt of entering an incorrect password the app did not crash and displayed the correct message.

Commit of the change can be viewed here.

Script 2.4: Log In - Email Field Empty

Script Description

● The tester will open the application on the Android Studio emulator

● The tester will then proceed to log in to an account, filling all the fields with test data

● The tester will click the 'Log In' button

● Expected result: The user will not be logged into their account. The app will focus on the email field a display the message: "Email is required"

Testing Requirements

This test script covers the following specific testing requirements:

● Account Creation/Login

● Data Integrity

● Security

Setup

● A set of test data for login

● Tester has carried out previous test script '1.1 Create User - Valid User Data'

● The user has opened the app on the Android Studio emulator

● The connection to the server is stable and the database is online

Script Steps

Step #	Test Action	Expected Results	Pass / Fail
1	User leaves email address blank	Email field is visibly blank	Pass
2	User enters password	Length of password entered is visible in the password field	Pass
3	User clicks the 'Log In' button	The app focuses on the email field and displays the message: "Email is required"	Pass

Test Execution

Date/Time	Tester	Test Phase	Status
21/06/20 21:27 pm	Benn Curby	LCAM	Passed
23/06/20 19:06 pm	Jacob Kennedy	LCAM	Passed
23/06/20 8:50 pm	Emily Carter	LCAM	Passed
23/06/20 9:58 pm	Jake Durnford	LCAM	Passed

Test Data Table

Data Field	Benn	Jake	Emily	Jacob
Email				
Password	123456	test123	12345A	testuser

Script 2.5: Log In - Password Field Empty

Script Description

- The tester will open the application on the Android Studio emulator

- The tester will then proceed to log in to an account, filling all the fields with test data

- The tester will click the 'Log In' button

- Expected result: The user will not be logged into their account. The app will focus on the password field a display the message: "Password required"

Testing Requirements

This test script covers the following specific testing requirements:

- Account Creation/Login

- Data Integrity

- Security

Setup

- A set of test data for login

- Tester has carried out previous test script '1.1 Create User - Valid User Data'

- The user has opened the app on the Android Studio emulator

- The connection to the server is stable and the database is online

Script Steps

Step #	Test Action	Expected Results	Pass / Fail
1	User enters email address	Email address entered is visible in the email field	Pass
2	User leaves password field blank	Password field is visibly blank	Pass
3	User clicks the 'Log In' button	The app focuses on the password field and displays the message: "Password required"	Pass

Test Execution

Date/Time	Tester	Test Phase	Status
21/06/20 21:30 pm	Benn Curby	LCAM	Passed
23/06/20 19:07 pm	Jacob Kennedy	LCAM	Passed
23/06/20 8:53 pm	Emily Carter	LCAM	Passed
23/06/20 9:59 pm	Jake Durnford	LCAM	Passed

Test Data Table

Data Field	Benn	Jake	Emily	Jacob
Email	johnsmith@gmail.com	jaketest@gmail.com	janedoe@gmail.com	test@email.com
Password				

Script 2.6: Log In - Both Login Fields Empty

Script Description

- The tester will open the application on the Android Studio emulator

- The tester will then proceed to log in to an account, but will leave both fields blank

- The tester will click the 'Log In' button

- Expected result: The user will not be logged into their account. The app will focus on the email field a display the message: "Email is required"

Testing Requirements

This test script covers the following specific testing requirements:

- Account Creation/Login

- Data Integrity

- Security

Setup

- A set of test data for login

- Tester has carried out previous test script '1.1 Create User - Valid User Data'

- The user has opened the app on the Android Studio emulator

- The connection to the server is stable and the database is online

Script Steps

Step #	Test Action	Expected Results	Pass / Fail
1	User leaves email field blank	Email field is visibly blank	Pass
2	User leaves password field blank	Password field is visibly blank	Pass
3	User clicks the 'Log In' button	The app focuses on the email field and displays the message: "Email is required"	Pass

Test Execution

Date/Time	Tester	Test Phase	Status
21/06/20 21:35 pm	Benn Curby	LCAM	Passed
23/06/20 19:07 pm	Jacob Kennedy	LCAM	Passed
23/06/20 8:55 pm	Emily Carter	LCAM	Passed
23/06/20 9:59 pm	Jake Durnford	LCAM	Passed

Test Data Table

Data Field	Benn	Jake	Emily	Jacob
Email	null	null	null	null
Password	null	null	null	null

Scenario 3: Fill Cart

Scenario Description

● The intent of the Fill Cart test scenario is to test the normal and alternate flows of a logged in user adding items to their cart

Test Scripts

The following scripts will cover this scenario:

● 3.1 Fill Cart - User Moves To Cart Screen With Empty Cart

● 3.2 Fill Cart - User Tries to Checkout With Empty Cart

● 3.3 Fill Cart - User Adds 'Coffee' To Cart

● 3.4 Fill Cart - User Tries To Add 'Coffee' To Cart Twice

● 3.5 Fill Cart - User Adds 'Coffee' and 'Sandwich' To Cart

Use Case

● Fill Cart

Test Components/Requirements

This test scenario covers the following high-level test requirements (see scripts below for specific requirements covered by each test script):

● Shopping Cart interactions

● Usability

● Reliability

● Data Integrity

Script 3.1: Fill Cart - User Moves To Cart Screen With Empty Cart

Script Description

- The tester will open the application on the Android Studio emulator

- The tester will then proceed to log in to their account

- The tester will then move to the Browse Menu screen and begin the test

- Expected result: The cart will appear empty with a 'Cart Total' of $0.00 displayed. A toast message will also display saying: "Your cart is empty"

Testing Requirements

This test script covers the following specific testing requirements:

- Shopping Cart interactions

- Usability

- Reliability

- Data Integrity

Setup

- Tester has carried out previous test script '1.1 Create User - Valid User Data' and '2.1 Log In - Valid User Credentials'

- The user has opened the app on the Android Studio emulator

- The user has moved through the app to the Browse Menu screen

- The connection to the server is stable and the database is online

Script Steps

Step #	Test Action	Expected Results	Pass / Fail
1	User clicks the Cart button	App moves to the Cart screen	Pass

Test Execution

Date/Time	Tester	Test Phase	Status
21/06/20 22:03 pm	Benn Curby	LCAM	Passed
23/06/20 19:09 pm	Jacob Kennedy	LCAM	Passed
23/06/20 8:58 pm	Emily Carter	LCAM	Passed
23/0620 10:00 pm	Jake Durnford	LCAM	Passed

Test Data Table

Data Field	Benn	Jake	Emily	Jacob
	null	null	null	null

Script 3.2: Fill Cart - User Tries To Checkout With Empty Cart

Script Description

- The tester will open the application on the Android Studio emulator

- The tester will then proceed to log in to their account

- The tester will then move to the Browse Menu screen and begin the test

- Expected result: The cart will appear empty with a 'Cart Total' of $0.00 displayed. A toast message will also display saying: "Your cart is empty". When the user clicks the Checkout button another toast message will display saying "Please add an item to your cart before clicking Checkout".

Testing Requirements

This test script covers the following specific testing requirements:

- Shopping Cart interactions

- Usability

- Reliability

- Data Integrity

Setup

- Tester has carried out previous test script '1.1 Create User - Valid User Data' and '2.1 Log In - Valid User Credentials'

- The user has opened the app on the Android Studio emulator

- The user has moved through the app to the Browse Menu screen

- The connection to the server is stable and the database is online

Script Steps

Step #	Test Action	Expected Results	Pass / Fail
1	User clicks the 'Cart' button	App moves to the Cart screen	Pass
2	User clicks the 'Checkout' button	Toast message displays saying: "Please add an item to your cart before clicking Checkout"	Pass

Test Execution

Date/Time	Tester	Test Phase	Status
22/06/20 14:25 pm	Benn Curby	LCAM	Passed
23/06/20 19:10 pm	Jacob Kennedy	LCAM	Passed
23/06/20 9:00 pm	Emily Carter	LCAM	Passed
23/06/20 10:03 pm	Jake Durnford	LCAM	Passed

Test Data Table

Data Field	Benn	Jake	Emily	Jacob
	null	null	null	null

Script 3.3: Fill Cart - User Adds 'Flat White' to Cart

Script Description

- The tester will open the application on the Android Studio emulator

- The tester will then proceed to log in to their account

- The tester will then move to the Browse Menu screen and begin the test

- Expected result: The 'Flat White' appears in the users cart. A quantity value of 1 is visible and a price of $3.90 for the item. The cart total also displays $3.90.

Testing Requirements

This test script covers the following specific testing requirements:

- Shopping Cart interactions

- Usability

- Reliability

- Data Integrity

Setup

- Tester has carried out previous test script '1.1 Create User - Valid User Data' and '2.1 Log In - Valid User Credentials'

- The user has opened the app on the Android Studio emulator

- The user has moved through the app to the Browse Menu screen

- The connection to the server is stable and the database is online

Script Steps

Step #	Test Action	Expected Results	Pass / Fail
1	User clicks the 'Add to Cart' button next to 'Flat White'	Toast message displays "Item added to cart"	Pass
2	User clicks the 'Cart' button	'Flat White' is visible in the cart, along with a quantity value of 1 and a price of $3.90. The 'Cart Total' shows $3.90.	Pass

Test Execution

Date/Time	Tester	Test Phase	Status
22/06/20 14:35 pm	Benn Curby	LCAM	Passed
23/06/20 19:12 pm	Jacob Kennedy	LCAM	Passed
23/06/20 9:10 pm	Emily Carter	LCAM	Passed
23/06/20 10:10 pm	Jake Durnford	LCAM	Passed

Test Data Table

Data Field	Benn	Jake	Emily	Jacob
Menu item		null	null	null

Script 3.4: Fill Cart - User Tries to Add 'Flat White' to Cart Twice

Script Description

● The tester will open the application on the Android Studio emulator

● The tester will then proceed to log in to their account

● The tester will then move to the Browse Menu screen and begin the test

● Expected result: The app responds with a toast message displaying "Item already in cart".

Testing Requirements

This test script covers the following specific testing requirements:

● Shopping Cart interactions

● Usability

● Reliability

● Data Integrity

Setup

● Tester has carried out previous test script '1.1 Create User - Valid User Data' and '2.1 Log In - Valid User Credentials'

● Tester has carried out previous test script '3.3 Fill Cart - User Adds 'Flat White' to Cart'

● The user has opened the app on the Android Studio emulator

● The user has moved through the app to the Browse Menu screen

● The connection to the server is stable and the database is online

Script Steps

Step #	Test Action	Expected Results	Pass / Fail
1	User clicks the 'Add to Cart' button next to 'Flat White'	Toast message displays "Item already in cart"	Pass

Test Execution

Date/Time	Tester	Test Phase	Status
22/06/20 14:40 pm	Benn Curby	LCAM	Passed
23/06/20 19:12 pm	Jacob Kennedy	LCAM	Passed
23/06/20 9:10 pm	Emily Carter	LCAM	Passed
23/06/20 10:10 pm	Jake Durnford	LCAM	Passed

Test Data Table

Data Field	Benn	Jake	Emily	Jacob
Menu item		null	null	null

Script 3.5: Fill Cart - User Adds 'Flat White' and 'Vanilla Milkshake' to Cart

Script Description

- The tester will open the application on the Android Studio emulator

- The tester will then proceed to log in to their account

- The tester will then move to the Browse Menu screen and begin the test

- Expected result: The app responds with a toast message displaying "Item already in cart".

Testing Requirements

This test script covers the following specific testing requirements:

- Shopping Cart interactions

- Usability

- Reliability

- Data Integrity

Setup

- Tester has carried out previous test script '1.1 Create User - Valid User Data' and '2.1 Log In - Valid User Credentials'

- Tester has carried out previous test script '3.3 Fill Cart - User Adds 'Flat White' to Cart'

- The user has opened the app on the Android Studio emulator

- The user has moved through the app to the Browse Menu screen

- The connection to the server is stable and the database is online

Script Steps

Step #	Test Action	Expected Results	Pass / Fail
1	User clicks the Add to Cart button next to 'Vanilla Milkshake'	Toast message displays "Item added to cart"	Pass
2	User clicks the Cart button	'Flat White' is visible in the cart, along with a quantity value of 1 and a price of $3.90. Below 'Flat White', 'Vanilla Milkshake' is visible, with a quantity value of 1 and a price of $5.90. The 'Cart Total' shows $9.80.	Pass

Test Execution

Date/Time	Tester	Test Phase	Status
22/06/20 16:07 pm	Benn Curby	LCAM	Passed
23/06/20 19:14 pm	Jacob Kennedy	LCAM	Passed
23/06/20 9:11 pm	Emily Carter	LCAM	Passed
23/06/20 10:11 pm	Jake Durnford	LCAM	Passed

Test Data Table

Data Field	Benn	Jake	Emily	Jacob
Menu item		null	null	null

Scenario 4: Place Order

Scenario Description

● The intent of the Place Order test scenario is to test the normal and alternate flows of an existing user of the app trying to place an order with the cafe.

Test Scripts

The following scripts will cover this scenario:

● 4.1 Place Order - Credit Card Number Less Than 16 Digits

● 4.2 Place Order - Credit Card CVV Less Than 3 Digits

● 4.3 Place Order - Credit Card Expired

● 4.4 Place Order - User Credit Card Accepted And Place Order

Use Case

● Place Order

Test Components/Requirements

This test scenario covers the following high-level test requirements (see scripts below for specific requirements covered by each test script):

● Shopping Cart interactions

● Usability

● Reliability

● Data Integrity

Script 4.1: Place Order - Credit Card Number Less Than 16 Digits

Script Description

- The tester will open the application on the Android Studio emulator

- The tester will then proceed to log in to their account

- The tester will then move to the Cart screen and begin the test

- Expected result: The app responds with a focus message displaying "Credit card number must be 16 digits".

Testing Requirements

This test script covers the following specific testing requirements:

- Shopping Cart interactions

- Usability

- Reliability

- Data Integrity

Setup

- Tester has carried out previous test script '1.1 Create User - Valid User Data' and '2.1 Log In - Valid User Credentials'

- Tester has carried out previous test script '3.5 Fill Cart - User Adds 'Flat White' and Vanilla Milkshake' to Cart'

- The user has opened the app on the Android Studio emulator

- The connection to the server is stable and the database is online

Script Steps

Step #	Test Action	Expected Results	Pass / Fail
1	User clicks the 'Checkout' button	App moves to the payment screen	Pass
2	User enters credit card number	Credit card number visible in credit card fields	Pass
3	User enters CVV	CVV visible in CVV field	Pass
4	User enters expiry month	Expiry month visible in expiry month field	Pass
5	User enters expiry year	Expiry year visible in expiry year field	Pass
6	User clicks 'Continue' button	App focuses on credit card field and displays message: "Credit card number must be 16 digits"	Pass

Test Execution

Date/Time	Tester	Test Phase	Status
22/06/20 21:17 pm	Benn Curby	LCAM	Passed
23/06/20 19:15 pm	Jacob Kennedy	LCAM	Passed
23/06/20 9:30 pm	Emily Carter	LCAM	Passed
23/06/20 10:22 pm	Jake Durnford	LCAM	Passed

Test Data Table

Data Field	Benn	Jake	Emily	Jacob
Credit Card Number	1234 1234 1234 12	1 22 333 4444	4321 8765 9876 0123	123 1234 1234 1234
CVV	222	877	999	123
Exp Month	12	01	09	12
Exp Year	20	23	22	20

Script 4.2: Place Order - Credit Card CVV Less Than 3 Digits

Script Description

- The tester will open the application on the Android Studio emulator

- The tester will then proceed to log in to their account

- The tester will then move to the Cart screen and begin the test

- Expected result: The app responds with a focus message displaying "CVV number must be 3 digits".

Testing Requirements

This test script covers the following specific testing requirements:

- Shopping Cart interactions

- Usability

- Reliability

- Data Integrity

Setup

- Tester has carried out previous test script '1.1 Create User - Valid User Data' and '2.1 Log In - Valid User Credentials'

- Tester has carried out previous test script '3.5 Fill Cart - User Adds 'Flat White' and Vanilla Milkshake' to Cart'

- The user has opened the app on the Android Studio emulator

- The connection to the server is stable and the database is online

Script Steps

Step #	Test Action	Expected Results	Pass / Fail
1	User clicks the 'Checkout' button	App moves to the payment screen	Pass
2	User enters credit card number	Credit card number visible in credit card number fields	Pass
3	User enters CVV	CVV visible in CVV field	Pass
4	User enters expiry month	Expiry month visible in expiry month field	Pass
5	User enters expiry year	Expiry year visible in expiry year field	Pass
6	User clicks 'Continue' button	App focuses on CVV field and displays message: "CVV number must be 3 digits"	Pass

Test Execution

Date/Time	Tester	Test Phase	Status
22/06/20 21:21 pm	Benn Curby	LCAM	Passed
23/06/20 19:17 pm	Jacob Kennedy	LCAM	Passed
23/06/20 9:48 pm	Emily Carter	LCAM	Passed
23/06/20 10:23 pm	Jake Durnford	LCAM	Passed

Test Data Table

Data Field	Benn	Jake	Emily	Jacob
Credit Card Number	1234 1234 1234 1256	1111 2222 3333 4444	4321 8765 9876 0123	1234 1234 1234 1234
CVV	22	87	99	12
Exp Month	12	01	09	12
Exp Year	20	23	22	21

Script 4.3: Place Order - Credit Card Expired

Script Description

- The tester will open the application on the Android Studio emulator

- The tester will then proceed to log in to their account

- The tester will then move to the Cart screen and begin the test

- Expected result: The app responds with a focus message displaying "Your credit card is expired".

Testing Requirements

This test script covers the following specific testing requirements:

- Shopping Cart interactions

- Usability

- Reliability

- Data Integrity

Setup

- Tester has carried out previous test script '1.1 Create User - Valid User Data' and '2.1 Log In - Valid User Credentials'

- Tester has carried out previous test script '3.5 Fill Cart - User Adds 'Flat White' and Vanilla Milkshake' to Cart'

- The user has opened the app on the Android Studio emulator

- The connection to the server is stable and the database is online

Script Steps

Step #	Test Action	Expected Results	Pass / Fail
1	User clicks the 'Checkout' button	App moves to the payment screen	Pass
2	User enters credit card number	Credit card number visible in credit card number fields	Pass
3	User enters CVV	CVV visible in CVV field	Pass
4	User enters expiry month	Expiry month visible in expiry month field	Pass
5	User enters expiry year	Expiry year visible in expiry year field	Pass
6	User clicks 'Continue' button	App focuses on the expiry fields and displays message: "Your credit card is expired"	Pass

Test Execution

Date/Time	Tester	Test Phase	Status
22/06/20 21:27 pm	Benn Curby	LCAM	Passed
23/06/20 19:19	Jacob Kennedy	LCAM	Passed
23/06/20 9:54 pm	Emily Carter	LCAM	Passed
23/06/20 10:25 pm	Jake Durnford	LCAM	Passed

Test Data Table

Data Field	Benn	Jake	Emily	Jacob
Credit Card Number	1234 1234 1234 1256	1111 2222 3333 4444	4321 8765 9876 0123	1234 1234 1234 1234
CVV	222	877	999	123
Exp Month	05	01	02	12
Exp Year	20	20	20	18

Script 4.4: Place Order - User Credit Card Accepted and Order Placed

Script Description

- The tester will open the application on the Android Studio emulator

- The tester will then proceed to log in to their account

- The tester will then move to the Cart screen and begin the test

- Expected result: The order is placed and a confirmation message is displayed: "Thank you for your order, <user first name>. Your order will be ready for pickup in 15 minutes.".

Testing Requirements

This test script covers the following specific testing requirements:

- Shopping Cart interactions

- Usability

- Reliability

- Data Integrity

Setup

- Tester has carried out previous test script '1.1 Create User - Valid User Data' and '2.1 Log In - Valid User Credentials'

- Tester has carried out previous test script '3.5 Fill Cart - User Adds 'Flat White' and Vanilla Milkshake' to Cart'

- The user has opened the app on the Android Studio emulator

- The connection to the server is stable and the database is online

Script Steps

Step #	Test Action	Expected Results	Pass / Fail
1	User clicks the 'Checkout' button	App moves to the payment screen	Pass
2	User enters credit card number	Credit card number visible in credit card number fields	Pass
3	User enters CVV	CVV visible in CVV field	Pass
4	User enters expiry month	Expiry month visible in expiry month field	Pass
5	User enters expiry year	Expiry year visible in expiry year field	Pass
6	User clicks 'Continue' button	App moves to 'place order' screen 'Flat Whit and 'Vanilla Milkshake' are visible in the order contents. 'Order Total' is showing $9.80	Pass
7	User clicks Place Order	App moves to the 'order confirmation' screen. Confirmation message is displayed: "Thank you for your order, <user first name>. Your order will be ready for pickup in 15 minutes."	Pass

Test Execution

Date/Time	Tester	Test Phase	Status
22/06/20 21:34 pm	Benn Curby	LCAM	Passed
23/06/20 19:19 pm	Jacob Kennedy	LCAM	Passed
23/06/20 9:56 pm	Emily Carter	LCAM	Passed
23/06/20 10:25 pm	Jake Durnford	LCAM	Passed

Test Data Table

Data Field	Benn	Jake	Emily	Jacob
Credit Card Number	1234 1234 1234 1256	1111 2222 3333 4444	4321 8765 9876 0123	1234 1234 1234 1234
CVV	222	877	999	123
Exp Month	12	01	09	12
Exp Year	20	23	22	21