

Test plan

Test plan

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1 Credentials

In table 1 you will find the login credentials for different types of users. You will need these credentials to finish all of the tests.

User Type	Username	Password
Customer	customer	123@Customer
Owner	owner	123@Owner

Table 1. Credentials

2 Test cases

2.1 User acceptance tests

Id	Test description	Step #	Test Steps	Expected Results	Test results		User story covered
					Pass	Failed	
1	Verify that the app give access to the user	1	User with the right credentials logging in	User get authenticated			US-01
2	Verify that the app doesn't give access to the user with wrong credentials	1	User with the wrong credentials logging in	User doesn't get authenticated			US-01
3	Verify that the app does disable the authentication of the user	1	User clicks on the log out button	User gets unauthenticated			US-11
4	Verify that the app shows the order for the user	1	User navigate to the order page	User is able to view the order details			US-04
5	Verify that the user are able to update the order	1	User navigate to the order page	The order details are changeable			US-05
		2	User click on update button				

Id	Test description	Step #	Test Steps	Expected Results	Test results		User story covered
					Pass	Failed	
6	Verify that the user aren't able to update the order in case of invalid information	1	User navigate to the order page	The system shows there are invalid field User be able to view the cart			US-05
		2	User click on update button				
		3	User update invalid information				
7	Verify that the user can delete order when it's in delivered status	1	User navigate to orders page	System deletes the order			US-06
		2	User clicks on delete order button				
8	Verify that the user can't delete order when it's in other status than delivered	1	User navigate to orders page	System shows that the order can't be deleted if it's in another status than delivered			US-06
		2	User clicks on delete order button				
9	Verify that the user can add product to their cart	1	User clicks on the add product button on the product	System adds the product to the owner cart			US-07

Id	Test description	Step #	Test Steps	Expected Results	Test results		User story covered
					Pass	Failed	
10	Verify that the user can delete product from their cart	1	User navigate to their cart	System deletes the product from the user's cart			US-08
		2	User clicks on delete product button				
11	Verify that the app does show the cart when there are product(s)	1	User navigate to their cart	System shows the user's cart			US-09
12	Verify that the app doesn't show the cart when there are no product(s)	1	User click on the cart	User be notified that the cart is empty			US-09
13	Verify that the customer can create an order when they fill valid information	1	Customer navigate to their cart	Customer get notified that the order is created			US-10
		2	Customer clicks on create order button				
		3	Customer fills valid the order details and confirms				

Id	Test description	Step #	Test Steps	Expected Results	Test results		User story covered
					Pass	Failed	
14	Verify that the customer can't create an order when they fill invalid information	1	Customer navigate to their cart	Customer get notified that there are invalid field(s)			US-10
		2	Customer clicks on create order button				
		3	Customer fills invalid the order details and confirms				
15	Verify that the owner can create a product with valid details	1	Owner navigates to create a product page	Owner get notified that the product get created successfully			US-12
		2	Owner fills the product valid information and confirms				
16	Verify that the owner can't create a product with invalid details	1	Owner navigates to create a product page	Owner get notified that there are invalid field(s)			US-12
		2	Owner fills the product invalid information and confirms				
17	verify that the user are able to view a product	1	User navigates to the product page	System shows the product's details			US-13

Id	Test description	Step #	Test Steps	Expected Results	Test results		User story covered
					Pass	Failed	
18	verify that the user aren't able to view a product when it's deleted	1	User navigates to the product page	User get notified that the resource isn't found			US-13
19	Verify that the owner can delete a product that isn't in an order or a cart	1	Owner navigates to products page	Owner get notified that the product got deleted successfully			US-15
		2	Owner clicks on delete product button				
20	Verify that the owner can delete a product that is in an order or a cart	1	Owner navigates to products page	Owner get notified that if the product get deleted the product will loss some information like the image but it won't be deleted from the old orders and it will stay in the old orders			US-15
		2	Owner clicks on delete product button				
21	Verify that the user can search for product by using a search bar and there are products that matches that searching results	1	User fills searching keywords and confirms	System shows the products that match the keywords.			US-16

Table 2. User acceptance tests

2.2 Test strategy

Testing the application is one of the important stages in good software development, in this application there will be unit tests, acceptance tests, integration tests and system tests, the unit test will cover 60% of the backend. The integration tests will be for the controllers. The system tests will be applied on the website. The acceptance test will be only for the most important user stories which are the must user stories.