TEST CASE 1: CUSTOMER REGISTER MODULE

Test Case ID: TC_CUSTOMER_REGISTER_001

Test Scenario: Verify customer registration of E-Hydroponics System.

Pre-condition: Customer is not a member of the system.

Post-condition: Customer is a member of the system.

No.	Test Case	Test Steps	Test Data	Example Data	Expected Result
1	Enter name, email address,	1. Enter name	Valid name	A.Kavein	Successful register – System
	password, mobile number and	2. Enter email address	Valid email	kavein@gmail.com	displays Home Page.
	address.		address		
		3. Enter password	Valid password	kevein96	
	Requirements:	4. Enter mobile number	Valid mobile	0187404464	
	<name></name>		number		
	Minimum length is 8	5. Enter address	Valid address	No 1, Jalan Ros,	
	characters, maximum is 50.			Taman Citra.	
	Must begin with letter.	6. Click "submit" button			
	Contain only letter.	1. Enter name	< <bla>< < < < </bla>		Error message "Please fill out
		2. Enter email address	Valid email	kavein@gmail.com	this field" is shown.
	<email address=""></email>		address		
	Minimum length is 8	3. Enter password	Valid password	kevein96	
	characters, maximum is 50.	4. Enter mobile number	Valid mobile	0187404464	
	Must begin with letter.		number		
	It must contain special	5. Enter address	Valid address	No 1, Jalan Ros,	
	character (e.g. @, etc).			Taman Citra.	
		6. Click "submit" button			

<password></password>	1. Enter name	Valid name	A.Kavein	Error message "Please fill out
Minimum length is 8	2. Enter email address	< <bla><<bla>< < < </bla></bla>		this field" is shown.
characters, maximum is 5	60. 3. Enter password	Valid password	kavein96	
 It must contain letter or or 	one 4. Enter mobile number	Valid mobile	0187404464	
number.		number		
	5. Enter address	Valid address	No 1, Jalan Ros,	
<mobile number=""></mobile>			Taman Citra.	
Minimum length is 8	6. Click "submit" button			
characters, maximum is 1	0. 1. Enter name	Valid name	A.Kavein	Error message "Please fill out
Contain only number.	2. Enter email address	Valid email address	kavein@gmail.com	this field" is shown.
<address></address>	3. Enter password	< clank>>		_
Minimum length is 8	4. Enter mobile number	Valid mobile	0187404464	_
characters, maximum is 1	00. 4. Effet mobile number	number	0187404404	
Must begin with letter.	5. Enter address	Valid address	No 1, Jalan Ros,	
 Contain only letter and 			Taman Citra.	
number.	6. Click "submit" button			
	1. Enter name	Valid name	A.Kavein	Error message "Please fill out
	2. Enter email address	Valid email	kavein@gmail.com	this field" is shown.
		address		
	3. Enter password	Valid password	kavein96	
	4. Enter mobile number	< <bla>< < < < </bla>		
	5. Enter address	Valid address	No 1, Jalan Ros,	
			Taman Citra.	
	6. Click "submit" button			
	1. Enter name	Valid name	A.Kavein	Error message "Please fill out
	2. Enter email address	Valid email	kavein@gmail.com	this field" is shown.
		address		
	3. Enter password	Valid password	kavein96	
	4. Enter mobile number	Valid mobile	0187404464	
		number		
	5. Enter address	< <bla>< blank>></bla>		
	6. Click "submit" button			

TEST CASE 2: LOGIN SYSTEM MODULE

Test Case ID: TC_LOGIN_SYSTEM_002

Test Scenario: Verify the login of E-Hydroponics System.

Pre-condition: Customer has registered to the system.

Post-condition: Product's Category Page is shown.

No.	Test Case	Test Steps	Test Data	Example Data	Expected Result
1	Enter email address and	1. Enter email address	Valid email	kavein@gmail.com	Successful login – System
	password		address		displays Product's Category
		2. Enter password	Valid password	kavein96	Page.
	Requirements:	3. Click "login" button			
	<email address=""></email>	1. Enter email address	Invalid email	kav@gmail.com	Error message "Invalid email
	Minimum length is 8		address		address or password" is
	characters, maximum is	2. Enter password	Valid password	kavein96	shown
	50.	3. Click "login" button			
	 Must begin with letter. 	1. Enter email address	Valid email	kavein@gmail.com	Error message "Invalid email
	It must contain special		address		address or password" is
	character (e.g. @, etc).	2. Enter password	Invalid password	kavein9611*	shown
		3. Click "login" button			
	<pre><password></password></pre>	1. Enter email address	Invalid email	kave@gmail.com	Error message "Invalid email
	Minimum length is 8		address		address or password" is
	characters, maximum is	2. Enter password	Invalid password	kavein9611*	shown
	50	3. Click "login" button			
	 It must contain letter or 	1. Enter email address	< <bla>< < < < </bla>		Error message "Please fill out
	one number.	2. Enter password	Valid password	kavein96	this field" is shown.
		3. Click "login" button			

1. Enter email address	Valid email address	kavein@gmail.com	Error message "Please fill out this field" is shown.
2. Enter password	< <bla>< >></bla>		
3. Click "login" button			

TEST CASE 3: MANAGE ITEM MODULE

Test Case ID: TC_MANAGE_ITEM_003

Test Scenario: Verify New Entry Item Information into E-Hydroponics System.

Pre-condition: Admin must logged into the system.

Post-condition: Not applicable.

No.	Test Case	Test Steps	Test Data	Example Data	Expected Result
1	Enter item's id, name, category, price, picture and description.	1. Enter item' id	Valid item 's id	14	Successful added – System
		2. Enter name	Valid name	Grow Green	displays Admin Manage Page.
		3. Select category	Valid category	Nutrients	
	Requirements:	4. Enter price	Valid price	15.00	
	<item's id=""></item's>	5. Enter picture URL	Valid picture URL	growgreen.jpg	
	Minimum length is 2	6. Enter description	Valid description	Good Growth.	
	characters, maximum is 5.	7. Click "submit" button			
	Must begin with letter.Contain only numbers.	1. Enter item' id	< <bla>< blank>></bla>		Error message "Please fill out
		2. Enter name	Valid name	Grow Green	this field" is shown.
		3. Select category	Valid category	Nutrients	
	<name></name>	4. Enter price	Valid price	15.00	
	Minimum length is 8	5. Enter picture URL	Valid picture URL	growgreen.jpg	
	characters, maximum is 255. Must begin with letter	6. Enter description	Valid description	Good Growth.	
	Must begin with letter.It must contain letter only.	7. Click "submit" button			
		1.Enter item' id	Valid item 's id	14	Error message "Please fill out
		2. Enter name	< <bla>< blank>></bla>		this field" is shown.
		3. Select category	Valid category	Nutrients	
		4. Enter price	Valid price	15.00	

<c< th=""><th>ategory></th><th>5. Enter picture URL</th><th>Valid picture URL</th><th>growgreen.jpg</th><th></th></c<>	ategory>	5. Enter picture URL	Valid picture URL	growgreen.jpg	
•	Minimum length is 2	6. Enter description	Valid description	Good Growth.	
	characters, maximum is 5.	7. Click "submit" button			
•	Must begin with letter.	1. Enter item' id	Valid item 's id	14	Error message "Please fill out
•	It must contain letter.	2. Enter name	Valid name	Grow Green	this field" is shown.
		3. Select category	< <bla><<bla>< < < </bla></bla>		
<p< td=""><td rowspan="3">price> Minimum length is 2 character, maximum is 6.</td><td>4. Enter price</td><td>Valid price</td><td>15.00</td></p<>	price> Minimum length is 2 character, maximum is 6.	4. Enter price	Valid price	15.00	
•		5. Enter picture URL	Valid picture URL	growgreen.jpg	
		6. Enter description	Valid description	Good Growth.	
•	Begin with number.	7. Click "submit" button	·		
•	Contain only numbers.	1. Enter item' id	Valid item 's id	14	Error message "Please fill out
ر ر	oicture>	2. Enter name	Valid name	Grow Green	this field" is shown.
\ <i>ρ</i>	Minimum size is 100px,	3. Select category	Valid category	Nutrients	
	maximum is 255px.	4. Enter price	< <bla><<bla>< < < </bla></bla>		
	Must begin with letter.	5. Enter picture URL	Valid picture URL	growgreen.jpg	
•	It must contain special words (e.g. jpg, etc).	6. Enter description	Valid description	Good Growth.	
		7. Click "submit" button			
	, , , ,	1. Enter item' id	Valid item 's id 14	14	Error message "Please fill out
<a< td=""><td>lescription></td><td>2. Enter name</td><td>Valid name</td><td>Grow Green</td><td>this field" is shown.</td></a<>	lescription>	2. Enter name	Valid name	Grow Green	this field" is shown.
•	Minimum length is 10	3. Select category	Valid category	Nutrients	
	characters, maximum is 255.	4. Enter price	Valid price	15.00	
•	Must begin with letter.	5. Enter picture URL	< <bla><<bla>< < < </bla></bla>		
•	Contain only letter and number.	6. Enter description	Valid description	Good Growth.	
		7. Click "submit" button			
		1. Enter item' id	Valid item 's id	14	Error message "Please fill out
		2. Enter name	Valid name	Grow Green	this field" is shown.
		3. Select category	Valid category	Nutrients	
		4. Enter price	Valid price	15.00	
		5. Enter picture URL	Valid picture URL	growgreen.jpg	7
		6. Enter description	< <bla>< blank>></bla>		
		7. Click "submit" button			

TEST CASE 4: MANAGE CUSTOMER & ORDER MODULE

Test Case ID: TC_MANAGE_CUSTOMER & ORDER_004

Test Scenario: Manage customer and order in the system.

Pre-condition: Admin must logged into system.

Post-condition: Not Applicable.

No.	Test Case	Test Steps	Test Data	Example Data	Expected Result
1	Requirements:	Select Delete Icon	Valid selected	-	Successful deleted – System
	<select delete="" icon=""></select>				displays Admin Manage Page.
	Customer	2. Select Delete Icon	Invalid selected	-	Error message "Invalid
	Order				selected" is shown.
	<select icon="" update=""></select>	1. Select Update Icon	Valid selected	-	Successful updated – System
	Customer				displays Admin Manage Page.
	Order	2. Select Update Icon	Invalid selected	-	Error message "Invalid
					selected" is shown.