Test Case Scenario:		Case 1: Login	
Test case id	Test case title	Test steps	Expected result
TC-01	Check results on entering a valid email and password.	1. Launch the application on the login page. 2. Enter your email and password. 3. Choose "login".	The login should be successful.
TC-02	Check results on entering an invalid email, or password.	1. Launch the application on the login page. 2. Enter an email and password. 3. Choose "login".	Error message "invalid email or password."
TC-03	Check results when a user email or password is empty, and the "login" button is pressed.	1. Launch the application on the login page. 2. Enter a password. 3. Choose "login".	Error message "a field is missing"
TC-04	Check results when user chooses "forget password".	1. Launch the application on the login page. 2. Choose "forget password". 3. Enter the new password needed.	The system would send an OTP to verify user email, if the email verified the password will updated successfully.

Test Case Scenario:		Case 2: Browse products	
Test case id	Test case title	Test steps	Expected result
TC-05	Search for a product by name.	1. press the search bar. 2. Type "product name". 3. Press Enter or click search icon.	Display products matching the name or containing the keyword.
TC-06	Search for non-existent products.	1. press the search bar. 2. Input non-existent product name. 3. Press Enter or click search icon.	Display message: "No matching results found."

Test Case Scenario:		Case 3: Users management	
Test case id	Test case title	Test steps	Expected result
TC-07	Add user with valid data.	1. Login as admin. 2. Navigate to "Users management". 3. Navigate to "Add User". 4. Complete the form of the information. 5. Click "Save".	"user created successfully" confirmation message.
TC-08	Add user with existing email.	1. Login as admin. 2. Navigate to "Users management". 3. Navigate to "Add User". 4. Complete the form of the information. 5. Click "Save".	"The email already existed" Error messages.

TC-09	Add user with empty fields.	1. Login as admin. 2. Navigate to "Users management". 3. Navigate to "Add User". 4. Complete the form of the information. 5. Click "Save".	"a field is missing" error message.
TC-10	Add user with invalid email format.	1. Login as admin. 2. Navigate to "Users management". 3. Navigate to "Add User". 4. Complete the form of the information. 5. Click "Save".	"enter valid email" error message.
TC-11	Add user with weak password.	1. Login as admin. 2. Navigate to "Users management". 3. Navigate to "Add User". 4. Complete the form of the information. 5. Click "Save".	"weak password" error message.

TC-12	Edit user name.	1. Login as admin. 2. Navigate to "Users management". 3. Find user in list. 4. Click "Edit". 5. Change name. 6. Click "Save".	"user updated successfully" Message.
TC-13	Edit user email using valid email.	1. Login as admin. 2. Navigate to "Users management". 3. Find user in list. 4. Click "Edit". 5. Change name. 6. Click "Save".	"user updated successfully" Message.

TC-14	Edit user email using existing email.	1. Login as admin. 2. Navigate to "Users management". 3. Find user in list. 4. Click "Edit". 5. Change name. 6. Click "Save".	"The email already existed" Error messages.
TC-15	Edit user email using invalid email format.	1. Login as admin. 2. Navigate to "Users management". 3. Find user in list. 4. Click "Edit". 5. Change name. 6. Click "Save".	"invalid email" error message.

TC-16	Delete a user.	1. Login as admin. 2. Navigate to "Users management". 3. Find user in list. 4. Click "Delete user". 5. Click "Save".	"user deleted successfully" Message.
TC-17	View all users	1. Login as admin. 2. Navigate to "Users management". 3. Click "Show all users".	View a list of users.

Test Case Scenario:		Case 4: Tracking shops	
Test case id	Test case title	Test steps	Expected result
TC-18	Calculate average delivery time for a shop.	1. Login as admin. 2. Navigate to "Shops management". 3. Find shop in list. 4. Click "Delivery Stats". 5. Click "Check average Delivery Time". 6. Click "Save".	System displays time in hours (e.g., "24-48 hours")

Test Case Scenario:		Case 5: Reports generator	
Test case id	Test case title	Test steps	Expected result
TC-19	system admin chooses to view reports.	1. Login as admin. 2. Navigate to "Reports". 1. Choose "View reports".	System displays time in hours (e.g., "24-48 hours")