

Create Test Cases for Good Delivery Application in Excel Sheet



Test Scenario	User Authentication	Tester	Date
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ID	Test Case	Pre-condition	Test Steps	Test Data	Expected Output	Post-condition	Actual Output	Status	Comments
Login_001	Verification of Login Page with Valid email and Password	Email and Password need to match for Log In	a. Type the correct Email Address b. Type the correct Password c. Press on the Log In button	a. Valid Email b. Valid Password c. Button clicked	Log In Successful	Redirect the user to the appropriate dashboard.			
Login_002	Verification of Login Page with Valid Email and invalid Password	Email and Password need to match for Log In	a. Type the correct Email Address b. Type the correct Password c. Press on the Log In button	Valid Username b. Invalid Password c. Button clicked	Error: The password you entered for the username Jacob is incorrect. Lost your password?	Same Log In page appears			
Login_003	Verification of Login Page with Invalid Email and Valid Password	Email and Password need to match for Log In	a. Type the correct Email Address b. Type the correct Password c. Press on the Log In button	a. Invalid Email b. Valid Password c. Button clicked	Error: The email is not registered on this site. If you are unsure of your email, use the correct email address instead or register the email.	Same Log In page appears			
Login_004	Verification of Login Page with Invalid Email and Invalid Password	Email and Password need to match for Log In	a. Type the correct Email Address b. Type the correct Password c. Press on the Log In button	a. Invalid Email b. Invalid Password c. Button clicked	Error: The email is not registered on this site. If you are unsure of your email, use the correct email address instead or register the email. Use the correct password.	Same Log In page appears			

Test Scenario	User Registration	Tester	Date
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ID	Test Case	Pre-condition	Test Steps	Test Data	Expected Output	Post-condition	Actual Output	Status	Comments
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Registration_001	Verification of the Registration of New User with Email, Password, Phone number, Role (Customer/Scheduler/Driver)	<p>a. A stable database connection is established.</p> <p>b. The "Users" table in the database exists with appropriate columns (email, password, phone_number, role, etc.).</p> <p>c. Input fields for email, password, phone number, and role are visible and enabled on the registration form.</p> <p>d. The email being tested is not already registered in the database.</p> <p>e. If the role is "Driver," additional input fields for truck registration number and capacity are visible and enabled.</p>	<p>a. Type an Email Address</p> <p>b. Input the Password</p> <p>c. Input the phone number</p> <p>d. Select the role of choice.</p> <p>e. If the role selected is "Driver", input the Driver's truck details.</p> <p>f. Click the Register button.</p>	<p>a. Valid Email</p> <p>b. Valid Password</p> <p>c. Valid phone number</p> <p>d. The role is selected</p> <p>e. Button clicked</p>	Registration Successful	Redirect the user to the Sign-in page.			
Registration_002	Verification of the Registration of New User with duplicate Email, new Password, Phone number, Role (Customer/Scheduler/Driver)	<p>a. An existing user is already registered in the database with the duplicate email to be tested.</p> <p>b. Input fields for email, password, phone number, and role are visible and enabled on the registration form.</p> <p>c. If the role is "Driver," additional input fields for truck registration number and capacity are visible and enabled.</p>	<p>a. Type an existing Email Address</p> <p>b. Input the Password</p> <p>c. Input the phone number</p> <p>d. Select the role of choice.</p> <p>e. If the role selected is "Driver", input the Driver's truck details.</p> <p>f. Click the Register button.</p>	<p>a. Duplicate Email</p> <p>b. Valid Password</p> <p>c. Valid phone number</p> <p>d. The role is selected</p> <p>e. Button clicked</p>	Error: The email exists on this site. Use another email address instead.	Same Registration page appears			
Registration_003	Verification of the Registration of New User with Email, invalid Password, Phone number, Role (Customer/Scheduler/Driver)	<p>a. Input fields for email, password, phone number, and role are visible and enabled on the registration form.</p> <p>b. If the role is "Driver," additional input fields for truck registration number and capacity are visible and enabled.</p> <p>c. Password validation rules are implemented to require passwords greater than 8 characters.</p>	<p>a. Type an Email Address</p> <p>b. Input invalid Password (< 8 chars)</p> <p>c. Input the phone number</p> <p>d. Select the role of choice.</p> <p>e. If the role selected is "Driver", input the Driver's truck details.</p> <p>f. Click the Register button.</p>	<p>a. Valid Email</p> <p>b. invalid Password</p> <p>c. Valid phone number</p> <p>d. The role is selected</p> <p>e. Button clicked</p>	Error: The password is invalid. If the character is less than 8, use another password(> 8 chars) instead.	Same Registration page appears			
Registration_004	Verification of the Registration of New User with Email, Password, Phone number, No Role selected (Customer/Scheduler/Driver)	<p>a. Input fields for email, password, phone number, and role are visible and enabled on the registration form.</p> <p>b. The user leaves the "Role" field unselected during registration.</p>	<p>a. Type an Email Address</p> <p>b. Input the Password</p> <p>c. Input the phone number</p> <p>d. Do not select the role of choice.</p> <p>f. Click the Register button.</p>	<p>a. Valid Email</p> <p>b. Valid Password</p> <p>c. Valid phone number</p> <p>d. No role is selected</p> <p>e. Button clicked</p>	Error: No role was selected. Select a role before registration is completed.	Same Registration page appears			
Test Scenario	Customer: Product selection and delivery setup		Tester			Date			

ID	Test Case	Pre-condition	Test Steps	Test Data	Expected Output	Post-condition	Actual Output	Status	Comments
Customer View_001	Verification of Customer view (Available products)	<p>a. The application is launched, and the customer has successfully logged in</p> <p>b. The database contains a non-empty list of products.</p> <p>c. The Products section in the Customer Dashboard is accessible and implemented to display product data in list form.</p>	<p>a. Log in as a Customer.</p> <p>b. Navigate to the Products section</p>	a. List of products in list form.	A list of products is displayed with their correct names, descriptions, and prices.	Customer dashboard appears			
Customer View_002	Verify that the customer can select the product and input valid quantity	<p>a. The application is launched, and the customer has successfully logged in.</p> <p>b. The Customer Dashboard is accessible and displays the list of products</p>	<p>a. Select a product from the list</p> <p>b. Enter the desired quantity in Kg.</p>	a. Negative or non-numeric values.	<p>a. Quantity is validated (e.g., no negative or non-numeric values allowed).</p> <p>b. Total cost is calculated and displayed.</p>	Still on customer dashboard			
Customer View_003	Verification of customer input with valid delivery date and delivery address	<p>a. The application shows a delivery input form with fields for selecting a delivery date (via a calendar widget) and entering a delivery address.</p> <p>b. The delivery date field supports a valid date format and prohibits past dates.</p>	<p>a. Select a valid delivery date from a calendar widget.</p> <p>b. Select edit and enter a delivery address.</p>	<p>a. Valid date</p> <p>b. Non-empty address</p>	<p>a. Inputs are validated (e.g., valid date and non-empty address).</p> <p>b. Data is stored for the order.</p>	Still on customer dashboard			
Customer View_004	Verify that the customer can place an order with a valid delivery date and delivery address	<p>a. The application shows a delivery input form with fields for selecting a delivery date (via a calendar widget) and entering a delivery address.</p> <p>b. The delivery date field supports a valid date format and prohibits past dates.</p>	<p>a. Select a delivery date from a calendar widget.</p> <p>b. Select edit and enter a delivery address.</p> <p>c. Select the place order button.</p>	<p>a. Valid date</p> <p>b. Non-empty address</p> <p>c. button clicked</p>	<p>a. Order Placed Successfully.</p> <p>b. Order details are added to the database.</p>	Still on customer dashboard			
Customer View_005	Verify that the customer can not place an order with an invalid delivery date and valid delivery address	<p>a. The application shows a delivery input form with fields for selecting a delivery date (via a calendar widget) and entering a delivery address.</p> <p>b. The delivery date field supports a valid date format and prohibits past dates.</p>	<p>a. Select an invalid delivery date from a calendar widget.</p> <p>b. Select edit and enter a delivery address.</p> <p>c. Select the place order button.</p>	<p>a. Invalid date</p> <p>b. Non-empty address</p> <p>c. button clicked</p>	Error: The date is invalid. The date used is older than the date the order was placed, select a valid date.	Same customer dashboard appears.			
Test Scenario	Scheduler: Delivery management and report generation		Tester			Date			
ID	Test Case	Pre-condition	Test Steps	Test Data	Expected Output	Post-condition	Actual Output	Status	Comments

Scheduler View_001	Verification of Scheduler view (Scheduled deliveries)	<p>a. The application is launched, and the scheduler has successfully logged in.</p> <p>b. The Scheduler Dashboard contains a section or screen for viewing scheduled deliveries in a tabular or list format.</p>	<p>a. Log in as a Scheduler.</p> <p>b. Navigate to the Scheduled Deliveries section.</p>	a. The List of deliveries displayed in a table sorted by date.	<p>a. Deliveries are displayed in a table sorted by date.</p> <p>b. Each delivery shows details (date, address, customer, products, quantity).</p>	Schedule dashboard appears			
Scheduler View_002	Verify that the scheduler can select deliveries and assign a route	<p>a. The application is launched, and the scheduler has successfully logged in.</p> <p>b. The Scheduler Dashboard contains an Assign route section or screen for viewing scheduled deliveries in a tabular or list format and selecting route.</p>	<p>a. Select one or more deliveries from the list</p> <p>b. Open the assign route dialog by clicking the Assign to route button.</p> <p>c. Select the appropriate route.</p>	<p>a. Valid route (the route was selected)</p> <p>b. button clicked</p>	a. Route assigned successfully.	Assign route window appears			
Scheduler View_003	Verify that the scheduler can assign deliveries to the driver	<p>a. The application is launched, and the scheduler has successfully logged in.</p> <p>b. The Scheduler Dashboard contains an Assign route section or screen for viewing scheduled deliveries in a tabular or list format and selecting route.</p> <p>c. The scheduler Dashboard contains an Assign driver section for viewing available drivers and driver details.</p>	<p>a. Select one or more deliveries from the list</p> <p>b. Open the assign route dialog by clicking the Assign to route button.</p> <p>c. Select the appropriate route.</p> <p>d. Open the assign driver dialog by clicking the Assign Driver button.</p> <p>e. Choose a driver by clicking "set"</p>	<p>a. Valid route (the route was selected)</p> <p>b. Valid driver</p> <p>c. buttons clicked</p>	a. Deliveries assigned successfully.	Assign driver window appears			
Scheduler View_004	Verify that the scheduler can not assign deliveries to the driver without selecting a route	<p>a. The application is launched, and the scheduler has successfully logged in.</p> <p>b. The Scheduler Dashboard contains an Assign route section or screen for viewing scheduled deliveries in a tabular or list format and selecting route.</p>	<p>a. Select one or more deliveries from the list</p> <p>b. Open the assign route dialog by clicking the Assign to route button.</p> <p>c. Do not select a route.</p> <p>d. Open the assign driver dialog by clicking the Assign Driver button.</p>	a. invalid route of the delivery (no route was selected).	Error: No route was selected. Select the appropriate route.	Remain in the Assign route view.			
Scheduler View_005	Verify that the scheduler can see the mission details	<p>a. The application is launched, and the scheduler has successfully logged in.</p> <p>b. The Scheduler Dashboard includes a report section to view detailed mission information when the mission is clicked.</p>	<p>a. Navigate to the Reports section.</p> <p>b. Select a date using a calendar widget.</p> <p>c. Click on a mission from the list, the mission dialog shows.</p>	a. The mission details from warehouse to deliveries and finally back to the warehouse.	Missions are displayed in a list with delivery date, route.	Remain in the Report view.			

Scheduler View_006	Verify that the scheduler can generate daily report	a. The application is launched, and the scheduler has successfully logged in. b. The Scheduler Report Dashboard includes a button for generating a daily report.	a. Navigate to the Reports section. b. Select a date using a calendar widget. c. Select one or more missions from the list. d. Click the Generate button.	a. Valid selection b. Button is clicked	a. A Word file is created with a justified bold title and mission details.	Remain in the Report view.			
Scheduler View_007	Verify that the scheduler can not generate report with no deliveries	a. The application is launched, and the scheduler has successfully logged in. b. The Scheduler Report Dashboard includes a button for generating a daily report.	a. Navigate to the Reports section. b. Select a date using a calendar widget with no deliveries. c. Select one or more missions from the list. d. Click the Generate button.	a. Date with no deliveries b. Button is clicked	Error: Can not generate a report without deliveries.	Remain in the Report view.			

Test Scenario	Driver: Mission management	Tester		Date	
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ID	Test Case	Pre-condition	Test Steps	Test Data	Expected Output	Post-condition	Actual Output	Status	Comments
Driver View_001	Verification of Driver view (Assigned Missions)	a. The application is launched, and the driver has successfully logged in. b. The driver has assigned missions in the database for the current day or upcoming days. c. The Driver Dashboard includes a section or feature to view assigned missions.	a. Log in as a Driver. b. Navigate to the Assigned mission section.	a. The List of scheduled deliveries displayed in a table sorted by date.	Missions are displayed in a list with delivery date, route, and products	Driver's dashboard appears			
Driver View_002	Verify that the driver can mark mission as completed	a. The application is launched, and the driver has successfully logged in. b. Each mission has a checkbox option to mark it as completed.	a. Select a mission from the list. b. Click the Complete button.	a. Valid selection b. Button is clicked.	a. Mission status is updated in the database. b. Mission moves from "Assigned" to "Completed."	Remain in the Driver's assigned mission view.			
Driver View_003	Verify that the driver can view completed mission	a. The application is launched, and the driver has successfully logged in. b. The Driver Dashboard includes a section to view completed missions.	a. Navigate to the Completed Missions section.	a. The List of completed missions displayed in a table sorted by date.	A list of completed missions is displayed	Driver's completed mission view			

Test Scenario	User: Profile Management	Tester		Date	
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