Task 2: **Create and Execute the test cases for the real world scenarios like Insurance system**

Simple insurance management system:

Real-time Scenario:

You are a manual tester for an insurance company that has recently implemented a new insurance management system. The system is designed to allow customers to purchase insurance policies online and manage their policies through a self-service portal. Your task is to test the system to ensure that it is functioning correctly and meets the requirements of the business.

Functional Test Cases:

Registration:

a. Verify that a new customer can successfully register for an account by entering their personal information (name, email address, phone number, and password) and clicking on the Register button.

b. Verify that the system displays an error message if the user enters invalid or incomplete information, such as an invalid email address or a missing phone number.

Policy Purchase:

a. Verify that a customer can purchase a new insurance policy by selecting the type of policy they want, entering the required information (such as the insured item and coverage amounts), and submitting the payment information.

b. Verify that the system displays an error message if the user enters invalid or incomplete information, such as an invalid payment method or a missing insured item.

Policy Management:

a. Verify that a customer can manage their policies by logging into their account and accessing the self-service portal.

b. Verify that the customer can view their policy details, make changes to their policy (such as updating coverage amounts or adding additional insured items), and cancel their policy if needed.

Claims Management:

a. Verify that a customer can file a claim by logging into their account and accessing the self-service portal.

b. Verify that the customer can view the status of their claim and receive updates as the claim is processed.

Security:

a. Verify that the system is secure by testing for common security vulnerabilities, such as SQL injection, cross-site scripting (XSS), and cross-site request forgery (CSRF).

b. Verify that the system protects customer data and sensitive information, such as credit card numbers, by using encryption and other security measures.

Performance:

a. Verify that the system can handle a large number of concurrent users without slowing down or crashing.

b. Verify that the system responds quickly and efficiently to user requests, such as loading policy details or submitting a claim.

Compatibility:

a. Verify that the system is compatible with different browsers and devices, such as Chrome, Firefox, Safari, and Edge, and mobile devices such as iOS and Android.

b. Verify that the system is accessible to users with disabilities, such as using a screen reader or keyboard navigation.

These functional test cases will help ensure that the insurance management system is functioning correctly and meets the requirements of the business.

Insurance System Test Cases Scenarios

Scenario 1: Create a New Policy

Verify that a new policy can be created with valid customer and policy information
Verify that the policy number generated is unique and follows the expected format

Scenario 2: Update Policy Information

Verify that policy information can be updated with valid information
Verify that the updated information is correctly reflected in the policy details

Scenario 3: Claim Processing

Verify that claims can be processed with valid claim information
Verify that the claim status is correctly updated after processing
Verify that an error is displayed if the claim information is invalid or incomplete

Scenario 4: Policy Cancellation

Verify that policies can be canceled with a valid reason and cancellation date
Verify that the policy status is correctly updated after cancellation