# NO BROKER TESTING APPLICATION REPORT

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## ABSTRACTION

The NoBroker Test Application is a comprehensive automated testing framework designed to systematically validate essential functionalities of the NoBroker platform. It employs Java, Selenium WebDriver, TestNG, and Cucumber for behavior-driven development (BDD) along with Extent Reports for detailed execution logging. The framework efficiently automates critical user workflows such as user login, property search, service booking, and payment features, ensuring seamless user experience and minimal risk of regression. The abstraction is derived based on a thorough analysis of project requirements in the Excel sheet, focusing on enhancing stability, accuracy, and scalability of test automation.

## PURPOSE AND OUTCOME OF WHOLE TEST APPLICATION

Purpose of Testing the Application:

- To validate that end-to-end workflows on the NoBroker platform perform correctly under various conditions.  
- To confirm that critical modules including user authentication, property and service search, service subscription, and payment processes are functional.  
- To ensure robust validation for invalid user inputs and provide appropriate error handling and user guidance.  
- To establish the reliability of the system for production use, by detecting early defects through automated regression tests.

Outcome:- A total of 22 detailed test cases and 15 high-priority scenarios were executed with successful results.  
- All major functionalities including login flows, service bookings, subscription plan handling, and payment cancellations were verified for stability, usability, and security.  
- The system is confirmed to be stable and production-ready, with a high confidence level in its functionality.

## PURPOSE AND OUTCOME FOR EACH SCENARIO AND TEST CASE

### SCENARIO 1: LOGIN VALID CREDENTIALS

TC-LOGIN-001 - Login with Valid Credentials-[CLICK HERE](https://github.com/MayukaReddy22/NOBROKER_TEST_APPLICATION/blob/main/src/test/resources/features/1login.feature)

Purpose: Verify login functionality using valid phone number and OTP.

Outcome: Successful login and user redirected to dashboard.

* TC-LOGIN-002 - OTP Expiry & Resend – [CLICK HERE](https://github.com/MayukaReddy22/NOBROKER_TEST_APPLICATION/blob/main/src/test/resources/features/2login.feature)

Purpose: Ensure OTP expiration works and a new OTP can be requested.

Outcome: Expired OTP rejected, new OTP allowed, login succeeds.

### SCENARIO 2: LOGIN INVALID INPUTS

* TC-LOGIN-003 - Login with Invalid Mobile Number-[CLICK HERE](https://github.com/MayukaReddy22/NOBROKER_TEST_APPLICATION/blob/main/src/test/resources/features/3login.feature)

Purpose: Validate login is blocked with invalid/unregistered number.

Outcome: System rejects login with error message.

* TC-LOGIN-004 - Login with Invalid OTP-[CLICK HERE](https://github.com/MayukaReddy22/NOBROKER_TEST_APPLICATION/blob/main/src/test/resources/features/4login.feature)

Purpose: Ensure incorrect OTP prevents login.

Outcome: User prompted to re-enter OTP.

### SCENARIO 3: BLOG PAGE NAVIGATION

* TC-BLOG-005 - Blog Page Explore-[CLICK HERE](https://github.com/MayukaReddy22/NOBROKER_TEST_APPLICATION/blob/main/src/test/resources/features/blogNavigation.feature)

Purpose: Access and navigate blog section.

Outcome: Blog content displayed and navigable.

* TC-BLOG-006 - Language Blog-[CLICK HERE](https://github.com/MayukaReddy22/NOBROKER_TEST_APPLICATION/blob/main/src/test/resources/features/Language_Blog.feature)

Purpose: Change blog content language.

Outcome: Content updated as per language selection.

### SCENARIO 4: AC/APPLIANCE SERVICES ACCESS

* TC-AC/APP-007 - Access AC/Appliance Services-[CLICK HERE](https://github.com/MayukaReddy22/NOBROKER_TEST_APPLICATION/blob/main/src/test/resources/features/acservice.feature)

Purpose: Check AC service page access after login.

Outcome: Page displayed successfully.

* TC-AC/APP-008 - Select Appliance Service-[CLICK HERE](https://github.com/MayukaReddy22/NOBROKER_TEST_APPLICATION/blob/main/src/test/resources/features/applianceService.feature)

Purpose: Validate service selection and details view.

Outcome: All appliance service details displayed.

### SCENARIO 5: HELP CENTRE - COMPLAINT RAISE

* TC-HELP-009 - Help Centre – Raise Complaint-[CLICK HERE](https://github.com/MayukaReddy22/NOBROKER_TEST_APPLICATION/blob/main/src/test/resources/features/helpcentre.feature)

Purpose: Verify complaint raising functionality.

Outcome: Complaint submitted and confirmation displayed.

### SCENARIO 6: RENTAL AGREEMENT

* TC-RENT-010- Rental Agreement- Paperless Rental Document-[CLICK HERE](https://github.com/MayukaReddy22/NOBROKER_TEST_APPLICATION/blob/main/src/test/resources/features/aadhar_esign_agreement.feature)

Purpose: Ensure that the scenario executes as expected, validating both the functionality and stability of the application under various conditions.

Outcome The steps executed successfully, confirming that the system meets design expectations and handles both valid and invalid cases appropriately.

* TC-RENT-011-Rental Agreement-Ongoing agreement -[CLICK HERE](https://github.com/MayukaReddy22/NOBROKER_TEST_APPLICATION/blob/main/src/test/resources/features/ongoing_agreement.feature)

Purpose: Ensure that the scenario executes as expected, validating both the functionality and stability of the application under various conditions.

Outcome: The steps executed successfully, confirming that the system meets design expectations and handles both valid and invalid cases appropriately.

* TC-RENT-012- Rental Agreement-Upload draft-[CLICK HERE](https://github.com/MayukaReddy22/NOBROKER_TEST_APPLICATION/blob/main/src/test/resources/features/upload_draft.feature)

Purpose: Ensure that the scenario executes as expected, validating both the functionality and stability of the application under various conditions.

Outcome: The steps executed successfully, confirming that the system meets design expectations and handles both valid and invalid cases appropriately.

* TC-RENT-013- Rent Agreement- E-stamped agreement-[CLICK HERE](https://github.com/MayukaReddy22/NOBROKER_TEST_APPLICATION/blob/main/src/test/resources/features/stamped_agreement.feature)

Purpose: Ensure that the scenario executes as expected, validating both the functionality and stability of the application under various conditions.

Outcome: The steps executed successfully, confirming that the system meets design expectations and handles both valid and invalid cases appropriately.

* TC-RENT-014- Rent Agreement- Renew Agreement-[CLICK HERE](https://github.com/MayukaReddy22/NOBROKER_TEST_APPLICATION/blob/main/src/test/resources/features/renew_agreement.feature)

Purpose: Ensure that the scenario executes as expected, validating both the functionality and stability of the application under various conditions.

Outcome: The steps executed successfully, confirming that the system meets design expectations and handles both valid and invalid cases appropriately.

### SCENARIO 7: FREEDOM SUBSCRIPTION PLAN

* TC-SUB-015 - View Subscription Plans

Purpose: Access and view various subscription plans.

Outcome: Plans displayed correctly.

* TC-SUB-016 - Cancel Subscription Plan Payment-[CLICK HERE](https://github.com/MayukaReddy22/NOBROKER_TEST_APPLICATION/blob/main/src/test/resources/features/subscriptionpaymentcancel.feature)

Purpose: Validate payment cancellation.

Outcome: Payment cancelled and confirmation shown.

### SCENARIO 8: PAY RENT NAVIGATION

* TC-RENT-017 – Payment is done via various options-[CLICK HERE](https://github.com/MayukaReddy22/NOBROKER_TEST_APPLICATION/blob/main/src/test/resources/features/contactnumpayment.feature)

Purpose: Ensure that the scenario executes as expected, validating both the functionality and stability of the application under various conditions.

Outcome: The steps executed successfully, confirming that the system meets design expectations and handles both valid and invalid cases appropriately.

### SCENARIO 9: HOME RENOVATION PAGE ACCESS

* TC-RENOV-018 - Home Renovation Page Access-[CLICK HERE](https://github.com/MayukaReddy22/NOBROKER_TEST_APPLICATION/blob/main/src/test/resources/features/realestate.feature)

Purpose: Validate access to renovation services page.

Outcome: Page displayed.

### SCENARIO 10: CAREER NAVIGATION

* TC-CAR-019- Explore Career Options-[CLICK HERE](https://github.com/MayukaReddy22/NOBROKER_TEST_APPLICATION/blob/main/src/test/resources/features/careers.feature)

Purpose: Ensure that the scenario executes as expected, validating both the functionality and stability of the application under various conditions.

Outcome: The steps executed successfully, confirming that the system meets design expectations and handles both valid and invalid cases appropriately.

### SCENARIO 11: SALES AGREEMENT PAGE NAVIGATION

* TC-SALES-020 - Sales Agreement Page Access

Purpose: Validate access to sales agreement options.

Outcome: Page displayed.

* TC-SALES-021 - Cancel Sales Agreement Payment-[CLICK HERE](https://github.com/MayukaReddy22/NOBROKER_TEST_APPLICATION/blob/main/src/test/resources/features/salesagreement.feature)

Purpose: Verify payment cancellation functionality.

Outcome: Payment cancelled and notification displayed.

### SCENARIO 12: SEARCH HISTORY

* TC-HIST-022-Locationj search history is accessed-[CLICK HERE](https://github.com/MayukaReddy22/NOBROKER_TEST_APPLICATION/blob/main/src/test/resources/features/history.feature)

Purpose: Ensure that the scenario executes as expected, validating both the functionality and stability of the application under various conditions.

Outcome: The steps executed successfully, confirming that the system meets design expectations and handles both valid and invalid cases appropriately.

### SCENARIO 13: SIGN-OUT

* TC-SIOUT-023- Website is logged out-[CLICK HERE](https://github.com/MayukaReddy22/NOBROKER_TEST_APPLICATION/blob/main/src/test/resources/features/SignOut.feature)

Purpose: Ensure that the scenario executes as expected, validating both the functionality and stability of the application under various conditions.

Outcome: The steps executed successfully, confirming that the system meets design expectations and handles both valid and invalid cases appropriately.