**MAGICBRICKS TESTING APPLICATION REPORT**

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**Project: MagicBricks Automation Testing**

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**Executed: Cucumber(BDD) & Extent Reports**

**ABSTRACTION:**

Magicbricks is a leading online real estate platform in India that connects property buyers, sellers, and renters. It provides a comprehensive listing of residential and commercial properties across major cities. Users can search for properties based on location, budget, property type, and other filters. The platform also caters to brokers and developers, helping them reach a wider audience. Magicbricks offers various tools such as EMI calculators, price trends, and property valuation services. It includes legal advice and home loan assistance to support users throughout their property journey. The platform is accessible via a website and a user-friendly mobile app. It bridges the gap between property seekers and providers with transparency and convenience.

**PURPOSE AND OUTCOME OF WHOLE TEST APPLICATION**

**Purpose of Testing the Application Purpose:**

1. To validate the core functionalities of the MagicBricks web application, such as property search, login, signup, shortlisting properties, and contacting property owners/agents.
2. To ensure that all user journeys (home buyers, renters, sellers, and agents) function as expected without defects.
3. To verify that the UI elements, workflows, and navigations align with business requirements and provide a smooth user experience.
4. To identify bugs, performance issues, and broken features early through automated and manual testing.

**Outcome:**

* + Successful validation of application features like login, property search, filtering, shortlisting, and viewing Interior designs
  + Improved reliability and stability of the MagicBricks platform for end-users.
  + Identification and documentation of bugs, inconsistencies, or usability issues for developers to fix.
  + All 21 detailed test cases and 15 high-priority scenarios passed successfully

**PURPOSE AND OUTCOME FOR EACH SCENARIOS AND TESTCASES:**

**1.Login with invalid mobile number:** [**https://github.com/meishreegopi/Test\_magicbricks/blob/main/src/test/resources/features/1\_InvalidLogin.feature**](https://github.com/meishreegopi/Test_magicbricks/blob/main/src/test/resources/features/1_InvalidLogin.feature)

Purpose: To check system validation when an incorrect mobile number is entered.

Outcome: Application correctly displays an error and prevents login.

**2.Login with missing captcha:**

[**https://github.com/meishreegopi/Test\_magicbricks/blob/main/src/test/resources/features/1\_InvalidLogin.feature**](https://github.com/meishreegopi/Test_magicbricks/blob/main/src/test/resources/features/1_InvalidLogin.feature)

Purpose: To ensure login requires mandatory captcha input.

Outcome: Application blocks login and shows captcha validation message.

**3.Login without entering any credentials:**

[**https://github.com/meishreegopi/Test\_magicbricks/blob/main/src/test/resources/features/1\_InvalidLogin.feature**](https://github.com/meishreegopi/Test_magicbricks/blob/main/src/test/resources/features/1_InvalidLogin.feature)

Purpose: To verify login form validation when fields are left blank.

Outcome: Application prompts the user to enter required credentials.

**4.Invalid location entered:**

[**https://github.com/meishreegopi/Test\_magicbricks/blob/main/src/test/resources/features/2\_InvalidLocation.feature**](https://github.com/meishreegopi/Test_magicbricks/blob/main/src/test/resources/features/2_InvalidLocation.feature)

Purpose: To test search functionality with an incorrect or non-existent location.

Outcome: Application shows “no results found”.

**5.No location entered:**

[**https://github.com/meishreegopi/Test\_magicbricks/blob/main/src/test/resources/features/2\_InvalidLocation.feature**](https://github.com/meishreegopi/Test_magicbricks/blob/main/src/test/resources/features/2_InvalidLocation.feature)

Purpose: To check behavior when a search is attempted without entering a location.

Outcome: Application displays validation message prompting for location.

**6.Valid user login successfully:**

[**https://github.com/meishreegopi/Test\_magicbricks/blob/main/src/test/resources/features/3\_ValidLogin.feature**](https://github.com/meishreegopi/Test_magicbricks/blob/main/src/test/resources/features/3_ValidLogin.feature)

Purpose: To confirm valid users can log in smoothly.

Outcome: User is successfully authenticated and redirected to the homepage.

**7.Search and validate property listings by location:**

[**https://github.com/meishreegopi/Test\_magicbricks/blob/main/src/test/resources/features/4\_searchHome.feature**](https://github.com/meishreegopi/Test_magicbricks/blob/main/src/test/resources/features/4_searchHome.feature)

**Purpose:** To verify that the property search displays accurate results for a given location.

**Outcome:** Relevant property listings appear based on entered location.

**8.Verify shortlisting a property from the listing results:**

[**https://github.com/meishreegopi/Test\_magicbricks/blob/main/src/test/resources/features/5\_Shortlist.feature**](https://github.com/meishreegopi/Test_magicbricks/blob/main/src/test/resources/features/5_Shortlist.feature)

Purpose: To check if users can shortlist properties from search results.

Outcome: Property is successfully added to the shortlist

**9.** **Verify user can navigate to a designer profile from designers page:**

[**https://github.com/meishreegopi/Test\_magicbricks/blob/main/src/test/resources/features/6\_HomeInteriors.feature**](https://github.com/meishreegopi/Test_magicbricks/blob/main/src/test/resources/features/6_HomeInteriors.feature)

Purpose: To test navigation from the designers listing to a specific designer’s profile.

Outcome: User is redirected correctly to the selected designer’s profile page.