Selenium GUI Test Report

Automated GUI Testing using Selenium IDE

AdvocAI

Introduction:

The objective of this report is to document the results of automated Graphical User Interface (GUI) testing performed on the AdvocAI Platform using Selenium IDE. This report synthesizes findings across the AdvocAI Platform, covering the login page, registration page, forgot password flow, dashboard functionality, document generation module, document analyzer feature, AI chat-bot integration, lawyer connection system, support ticket management, and document sharing interactions.

Scope of Testing

The scope includes functional GUI validation, navigation behavior, user inputs, page responsiveness, and component visibility across major modules of the AdvocAI platform. This encompasses authentication workflows, document generation and analysis features, lawyer connection and messaging systems, support ticket management, document sharing capabilities, and real-time AI chat-bot interactions.
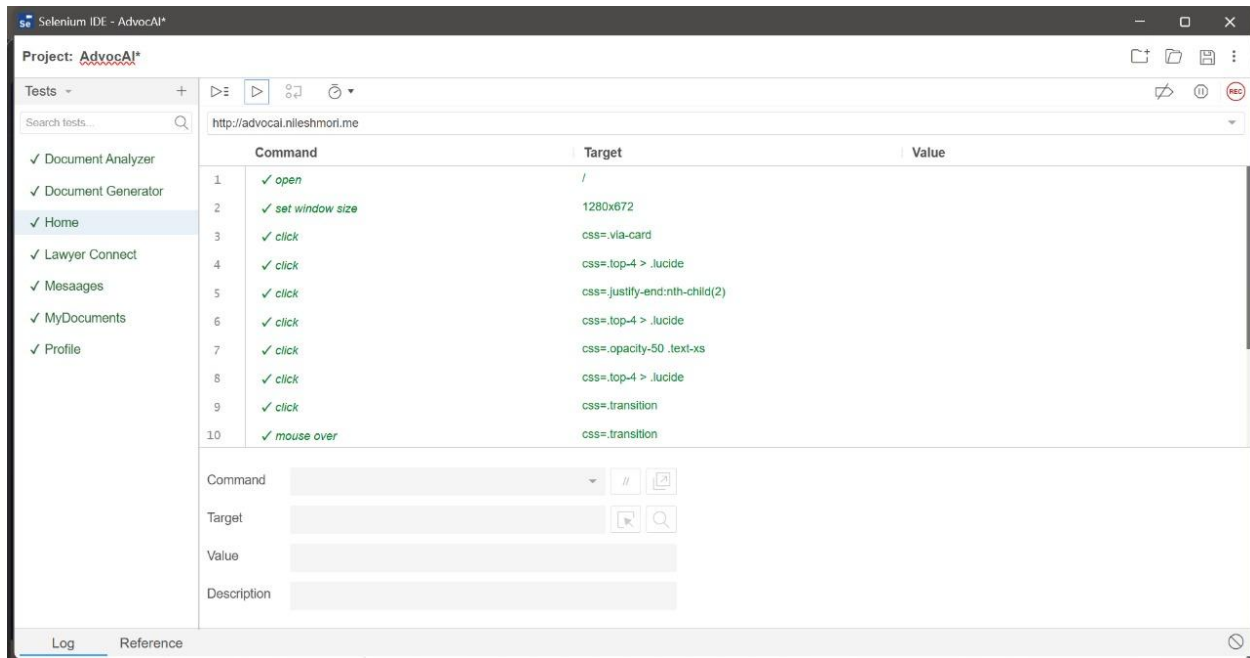
Test Environment

Tool Used: Selenium IDE   **Test Type:** Automated GUI Testing

Browser: Google Chrome   **Operating System:** Windows 10/11

Modules Tested:

- Sign Up (Email / Google OAuth)

- Sign In (Email / Google OAuth)

- Dashboard UI

- NavBar Navigation & Search

- Document Generation Page

- Document Analyzer Page

- AI Chat-bot Integration

- Lawyer Connection System

- Lawyer Profile & Messaging

- Support Ticket Management

- Document Sharing & Collaboration

- Help & Support Page UI

Area Tested	Scope	Status
Visual design	Colors, fonts, spacing, alignment	Passed
Functionality	Input field behaviour, button states, error message popup	Passed
Usability	Clarity of labels, ease of interaction	Passed
User friendly	Easy navigation, smooth work flow	Passed

Defects Observed

During automated execution, the following usability and functional defects were observed:

Defect	Description
Document Save Delay	Occasional delays in saving document changes; auto-save functionality requires optimization.
WebSocket Connection Drop	Chat interface intermittently loses connection during extended sessions, requiring page refresh.
Mobile View Layout Issue	Document toolbar icons overlap on smaller screen sizes in mobile view.

Conclusion

All primary GUI functionalities of the AdvocAI Platform performed reliably across the tested modules. Automated navigation and interaction testing validated consistent UI behavior. However, usability issues related to document auto-save functionality, WebSocket stability, and mobile responsiveness require corrective action.

The system is suitable for further performance, stress, and scalability testing.