Technical Report - Manual QA and DevTools Audit

This report documents the findings from the technical evaluation of the demo website: https://demo.guru99.com/test/newtours/.

Manual testing techniques, inspection with Chrome DevTools, and validations for accessibility, functionality, and technical errors were applied.

1. Usability and Interface Issues

- The horizontal menu displays confusing options without clear logical organization.

- Too many buttons and links without a defined hierarchy, affecting intuitive navigation.

- Poor color combinations reduce readability and may cause visual accessibility issues.

2. Critical Functional Failures

- The login button allows access without entering username or password.

- The registration form can be submitted with empty fields, lacking required field validations.

- No format validations for inputs such as phone number or email.

3. Technical Review Using DevTools

Console (errors and warnings):

- Mixed Content: page loads over HTTPS but requests resources via HTTP, which is insecure.

- 404 Errors: resources like 'spacer.gif' fail to load.

- Connection issues with tracking scripts (Clarity).

Network:

- No active HTTP requests were observed. The system does not trigger visible traffic during login or registration.

Cookies:

- A session cookie (e.g., ID=7a6173568220ab4b...) was detected without clear security attributes (HttpOnly, Secure) or user authentication.

4. Conclusions and Recommendations

- Implement proper validations on both frontend and backend.

- Fix security and navigation errors.

- Use <label> tags correctly associated with form fields.

- Protect cookies with secure attributes.

- Improve accessibility and overall user experience.