**Test plan for testing the AI Guru website**

**1. Objective.**

This test plan covers the procedures used to test the AI Guru website.

The main goal is to ensure that all website functions work properly and to check the website's compliance with the requirements.

**2. Testing objectives.**

- To make sure that the website functions according to the developer's technical requirements.

- Identify errors or inconsistencies in the website's operation.

- Check compatibility with different browsers and devices.

- Check usability aspects for ease of navigation and user interaction.

- Conduct User Interface testing to check the website design.

**3. Scope.**

The test plan covers both functional and non-functional aspects of the website.

The testing covers all pages of the website, including the main page, search functionality, registration/authorization, writing comments, links to social networks, navigation, changing the color theme, checking the correct display of articles, scrolling the page, links to AI tools, adding a product to the cart, adding a product to favorites, checking the usability and design of the website.

**4. Types of testing.**

**- Black Box Testing** - no access to the internal structure, code, or logic of the system. Working exclusively with the program interface and its functionality, checking whether the system processes input data correctly and produces the expected results.

***- Functional testing:*** Checking all the website's functionality according to the requirements.

***- User interface testing (UI):*** Evaluation of the interface's usability, checking the correctness of display on different devices and in different browsers.

***- User Experience (UX) testing:*** Evaluating the usability of a website.

***- Compatibility testing:***Checking how the website works in different browsers (Chrome, Firefox, Edge), on different devices (PC, smartphone), and different operating systems (Microsoft Windows, Android).

**6. Testing tools.**

- Selenium;

- Jira;

- TestRail.

**7. Devices for testing.**

***- Laptop:*** Asus X509M (8 RAM, 15.6 display, Windows 10 Home);

***- Smartphone:*** Xiaomi Redmi Note 10 5G Pro (64 RAM, 6.5 display, Android 11);

**Acceptance criteria.**

A website is considered accepted if all functions work in accordance with the requirements, there are no critical errors, the website performance meets the requirements, and it is compatible with major browsers and devices.

**8. Exit criteria.**

- Successful completion of all planned tests without critical errors.

- All test reports are prepared and approved.

**9. Schedule plan.**

The testing will be conducted during the weeks starting from 08/24/24. The final report will be submitted on 09/24/24.

**10. Tester.**

- Melnychok Tetiana

**11. Documentation and reporting.**

- Test Plan created and saved in Word format

- Test cases downloaded from TestRail and annotated in PDF format

- Defects downloaded from Jira and annotated in Word format

- Test run for each Test Suite downloaded from TestRail and annotated in PDF format

- General Test Report downloaded from TestRail and annotated in PDF format

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**12. Risks and contingencies.**

- Lack of access to testing the ordering and notification functions at the current stage of testing;

- Power outage;

- Lack of Internet access.

13.  **Conclusion This test plan is a guideline to ensure the high quality of the AI Guru website.**