### **Test Plan for Guvi.in**

#### **1. Test Plan Identifier**

**Test Plan Version:** v1.0  
**Project Name:** Guvi.in Testing Plan  
**Date:** 05.01.2025

#### **2. Introduction**

GUVI is an EdTech platform that offers educational technology and IT-related courses, with a strong emphasis on learning through vernacular (native) languages. This test plan aims to validate the URL, page title, button visibility and functionality, as well as the login and logout processes.

#### **3. Test Objectives**

* Ensure all features and workflows operate as intended.
* Verify compatibility across supported browsers and devices.
* Detect and address any security vulnerabilities.

#### **4. Scope**

**In Scope:**

* Validating Core pages and Interaction like Login, Logout, Browsing, Signup
* Web application functionality on desktop browsers.
* Supported browsers (Chrome, Firefox, Edge)

**Out of Scope:**

* Mobile app testing (if applicable).
* Testing for unsupported or outdated browser versions.

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#### **5. Test Items**

* **URL**
* **Title**
* **Login/Logout functionality**
* **Signup**
* **Error handling: Invalid logins**

#### **6. Test Types**

1. **Functional Testing**
   * Verify login/logout Signup processes
2. **Usability Testing**
   * Evaluate UI/UX elements for ease of use and intuitiveness.
3. **Compatibility Testing**
   * Test across multiple browsers (e.g., Chrome, Firefox, Safari) and devices.
4. **Security Testing**
   * Validate data protection mechanisms, session handling, and encryption.

#### **7. Test Environment**

* **Browsers:** Chrome, Firefox, Edge, Safari
* **Operating Systems:** Windows, macOS, Linux, iOS, Android
* **Tools:** Selenium

#### **8. Test Data**

* **User Accounts:**
  + Valid: manupavankumar@gmail.com / Pavan#223
  + Invalid: kumar@gmail.com / Pavan123

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#### **9. Test Schedule**

|  |  |  |  |
| --- | --- | --- | --- |
| **Phase** | **Start Date** | **End Date** | **Responsible Team** |
| Test Plan Creation | [05.04.2025] | [05.04.2025] | QA Team |
| Test Case Design | [05.04.2025] | [05.04.2025] | QA Team |
| Test Execution | [05.04.2025] | [05.04.2025] | QA Team |
| Defect Reporting | [05.04.2025] | [05.04.2025] | QA Team |
| Test Summary Report | [05.04.2025] | [05.04.2025] | QA Team |

#### **10. Roles and Responsibilities**

* **Test Manager:** Oversee the testing process, allocate resources, and ensure deadlines are met.
* **QA Engineers:** Design, execute, and report test cases and defects.
* **Developers:** Fix reported issues and provide builds for testing.

#### **11. Entry and Exit Criteria**

**Entry Criteria:**

* Application is deployed in the test environment.
* Test data is prepared.
* All necessary tools and resources are available.

**Exit Criteria:**

* All critical and major defects are resolved.
* Test coverage is above 95%.
* Test summary report is approved.

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#### **12. Risks and Mitigation Plan**

**Risks:**

* Delays in build availability.
* Lack of test data or environments.
* Resource constraints.

**Mitigation:**

* Plan for contingency environments.
* Prioritize critical functionalities during resource shortages.

#### **13. Deliverables**

* Test Plan Document
* Test Cases and Scenarios
* Test Execution Reports
* Defect Reports
* Final Test Summary Report