**Test Plan Document for Pric**

**Part 1: Introduction**

**Purpose of the Test Plan**

The purpose of this test plan is to outline the strategy, approach, and scope for testing the web application accessible at <https://app.thepric.com/priclogin>. This document will serve as a guideline for the testing team and stakeholders, ensuring all necessary testing activities are identified and completed effectively.

**Scope of Testing**

This test plan covers the following aspects of testing:

* Functional testing of the login functionality.
* Usability testing to ensure a user-friendly experience.
* Performance testing to evaluate the responsiveness of the application.
* Security testing to identify any vulnerabilities.

**Overview of the Application Under Test**

The application is a web-based platform that allows users to log in, manage their profiles, and access various features related to pricing information. Key functionalities include user authentication, password recovery, and error handling for invalid login attempts.

**Part 2: Test Strategy**

**Types of Testing to be Performed**

* **Functional Testing:** Verify that all login functionalities work correctly, including valid and invalid scenarios.
* **Usability Testing:** Assess the user interface and overall user experience for intuitiveness and clarity.
* **Performance Testing:** Measure application responsiveness and stability under expected load conditions.
* **Security Testing:** Identify vulnerabilities and ensure data protection during user authentication.

**Levels of Testing**

* **Unit Testing:** Conducted by developers to test individual components.
* **Integration Testing:** Verify the interactions between different modules of the application.
* **System Testing:** Comprehensive testing of the entire application.
* **Acceptance Testing:** Validate that the application meets business requirements from the user's perspective.

**Part 3: Test Criteria**

**Entry and Exit Criteria**

* **Entry Criteria:**
  + Test environment is set up and accessible.
  + Test data is prepared and available.
  + All development activities are completed, and build is stable.
* **Exit Criteria:**
  + All planned test cases have been executed.
  + Defects have been logged and addressed.
  + Acceptance criteria have been met, and stakeholders are satisfied with the test results.

**Pass/Fail Criteria for Test Cases**

* A test case is considered **pass** if the actual result matches the expected result.
* A test case is considered **fail** if there is any deviation from the expected result.

**Part 4: Test Deliverables**

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

**Part 5: Schedule**

| **Milestone** | | **Deadline** |
| --- | --- | --- |
| Test Plan Approval | 25-09-2024 | |
| Test Case Development | 25-09-2024 | |
| Test Execution Start | 25-09-2024 | |
| Test Execution Completion | 25-09-2024 | |
| Defect Fix Verification | 25-09-2024 | |
| Final Report Submission | 25-09-2024 | |

**Part 6: Risks and Mitigations**

| **Risk** | **Mitigation Strategy** |
| --- | --- |
| Application changes during testing | Maintain clear communication with the development team to manage changes. |
| Delays in environment setup | Prepare the environment in advance and have contingency plans. |
| Limited test data availability | Create synthetic data for testing purposes. |
| Incomplete requirements | Regularly review requirements with stakeholders to ensure clarity. |