**Part 1: Test Plan Document**

**Introduction:**

* **Purpose:**  
  The purpose of this test plan is to verify the functionality and performance of the web application accessible at <https://app.thepric.com/priclogin>. This plan focuses on the login functionality and the locked message feature.
* **Scope:**  
  The testing will focus on:
  1. Logging into the application.
  2. Testing the locked message feature, including creating, editing, deleting, and viewing locked messages.
* **Application Overview:**  
  The application allows users to manage secure messages with the ability to lock/unlock messages for enhanced privacy.

**Test Strategy:**

* **Types of Testing:**
  + **Functional Testing:** Verifying that the core features such as login and message locking work as expected.
  + **Usability Testing:** Evaluating the user interface for ease of use.
* **Levels of Testing:**
  + **Unit Testing:** Validating individual components of the login and messaging features.
  + **Integration Testing:** Testing how different modules (login, messaging) interact.
  + **System Testing:** Verifying the end-to-end system functionality.
  + **Acceptance Testing:** Ensuring the system meets the requirements.

**Test Criteria:**

* **Entry Criteria:**  
  The application is accessible, test data is available, and the environment is stable.
* **Exit Criteria:**  
  All test cases are executed, no critical bugs are left unresolved, and the test reports are completed.
* **Pass/Fail Criteria:**  
  A test passes if the actual result matches the expected result. A test fails if there is any deviation.

**Test Deliverables:**

* Test Plan Document
* Test Cases Document and Execution Report
* Bug Report
* Automated Test Scripts

**Schedule:**

* **Milestone 1:** Test Plan completion by [18/09/2024].
* **Milestone 2:** Test Case Design completion by [19/09/2024].
* **Milestone 3:** Test Execution completion by [19/09/2024].
* **Milestone 4:** Bug Reporting and Automation Scripts completion by [20/09/2024].

**Risks and Mitigations:**

* **Potential Risks:**
  + Unavailability of the testing environment: Mitigation - Set up a local environment for testing.
  + Lack of documentation on the locked message feature: Mitigation - Work closely with developers to clarify the functionality.