Test Plan Document for <https://app.thepric.com/priclogin>

* **Introduction:**

1. Purpose:

– To verify and validation the functionality of the web application, with a focus on the locked message feature

* To ensure the application meet quality standards and requirements

1. Scope:

* User authentication (login/logout)
* Locked message management (Create, Read, Update, Delete)
* Notification system for locked message
* Audit logging for user actions
* Browser compatibility and responsive design

1. Application overview

* Web-based application for managing locked message
* Accessible to <https://app.thepric.com/priclogin>
* Allows user to create, view, edit, and delete locked messages
* Provides notification system for new/update message
* Maintains an audit log of user actions
* **Test strategy:**

1. Functional Testing

* User authentication
* Locked messages CURD operations
* Notification System
* Audit logging

1. Usability Testing

* Navigation Flow
* UI/UX Elements
* Errors messages and feedback

1. Performance Testing

* Page load times
* Response times
* Concurrent user handling

1. Security Testing

* Input validation
* Authentication and authorization
* Session management
* Data Protection
* **Test criteria:**

1. Entry criteria

* Test environment is set up and accessible
* Test data is available
* Test cases are reviewed and approved
* Requirement testing tools are installed

1. Exit criteria

* All planned test cases executed
* No critical or high-severity bugs remaining
* All requirement documentation completed
* Performance metrics meet expectations

1. Pass/Fail criteria

* Pass: Application function as per requirement with no critical issues
* Fail: Critical functionality issues or security vulnerabilities present
* **Test deliverables:**

1. Planning Phase

* Test plane document
* Test cases
* Test data sets

1. Execution Phase

* Test Execution reports
* Bug report
* Test automation scripts
* Test logs and screenshots

1. Closure Phase

* Final test summary report
* Bug status report
* Performance test results
* **Schedule:**

Testing Milestones

* Test planning & design: Day 1-2
* Test environment setup: Day 3
* Test execution: Day 4-7
* Bug reporting & fixes: Dat 8-9
* Final Testing & Documentation: Day 10
* **Risk and mitigations:**

1. Environment Availability

* Risk: Test environment downtime
* Mitigation: Maintain backup environment

1. Data Security

* Risk: Exposure of sensitive test data
* Mitigation: Use masked test data

1. Browser Compatibility

* Risk: Inconsistent behavior across browsers
* Mitigation: Cross-browser testing plan

1. Time Constraints

* Risk: Delayed delivery
* Mitigation: Prioritize critical test cases