**Test Plan for Hotel Admin Web Application**

**1. Introduction**

This test plan aims to verify the functionality of the hotel admin web application. The application includes a login page, an invoice list page, and an invoice details page.

**2. Scope**

The scope of this test plan includes:

* Testing the login functionality.
* Verifying the redirection to the Invoice List page upon successful login.
* Validating the error message for failed login attempts.
* Ensuring the Invoice Details page opens correctly upon clicking an invoice link.

**3. Objectives**

* Ensure that users can successfully log in and are redirected to the Invoice List page.
* Verify that the application handles incorrect login credentials appropriately.
* Confirm that invoice details are accessible and correctly displayed upon clicking invoice links.

**4. Test Strategy**

* **Manual Testing**: To verify UI and functional aspects.
* **Testing Levels**:
  + **Integration Testing:** Ensure the login page integrates properly with other modules.
  + **System Testing:** Full testing of the login page as part of the system.
  + **Regression Testing:** Ensure that new changes do not break existing functionalities.

**5. Test Environment**

* **URL**: https://automation-sandbox-python-mpywqjbdza-uc.a.run.app/
* **Browser**: [Chrome version:128.0.6613.114 , Edge version: 128.0.2739.42, Firefox version: 129.0.2]
* **Operating System**: [Windows 11]

**6. Test Cases**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | Type | Test Case | Priority | | Comments |
| #01 | Smoke, Functional | Verify the login page loads correctly | High |  | |
| #02 | Functional, Acceptance, Regression | Verify that a user can log in with valid credentials | High |  | |
| #03 | Functional, Regression | Verify error message for invalid username/password | High |  | |
| #04 | Functional | Verify that the password is masked when typing | Medium |  | |
| #05 | Functional, Regression | Verify login functionality with empty fields | High |  | |
| #06 | Non-Functional, Regression | Verify the responsiveness of the login page | Low |  | |
| #07 | Functional, Regression | Verify that the login session persists after a page refresh | Medium |  | |
| #08 | Functional | Verify login functionality with copy-paste of credentials | Low |  | |
| #09 | Non-Functional, Acceptance | Verify that the login page is accessible | Low |  | |

**Available into TestCases\_Application.xlsx**

**7. Acceptance Criteria**

* The login process must be successful with valid credentials.
* The application must display an error message for invalid login attempts.
* The redirection from login to the Invoice List page must occur without errors.
* Invoice Details page must display the correct details for the selected invoice.

**8. Reporting and Metrics**

* **Test Reporting**: Test results will be documented and reported using [Excel file].
* **Defect Reporting**: Any issues found will be reported using [Excel file].

**9. Schedule**

* **Test Preparation**: [09-01-2024] - [09-01-2024]
* **Test Execution**: [09-01-2024] - [09-01-2024]
* **Test Reporting**: [09-01-2024] - [09-01-2024]

**10. Resources**

* **Tester**: [Yago Castro da Silva Borges]
* **Tools**: [Microsoft Excel for test case creation, bug report and test details, Microsoft Word for Test Plan]

**11. Risks and Mitigation**

* **Risk**: Browser compatibility issues.
  + **Mitigation**: Test across multiple browsers and versions.
* **Risk**: Network issues affecting login.
  + **Mitigation**: Test on a stable network and use mock credentials if necessary.

**12. Approval**

* **Test Plan Approval**: [QA Lead]
* **Sign-off**: [Stakeholder Name]