

Process Report

Project: Group-4 project

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Introduction

This process report documents the testing procedures and outcomes for the Group-4 project. The purpose of this report is to provide an overview of the testing activities and their results.

Testing Scope

The testing activities covered in this report pertain to the following aspects of the application:

1. Account Access and Password Validation

- Verification of password length requirements.
- Creation of accounts with valid passwords.

2. Operations with Employee Data

- Authorization checks for non-admin users when performing operations on employee data.

3. Password Change and Login

- Password change validation.
- Logging in after changing the password to less than 8 characters.

4. Admin Access Restriction

- Admin user restrictions, specifically preventing the deletion of another admin.

5. Employee Credentials Restriction

- Verification of restrictions on employee credentials and access.

6. Passwordless Login

- Testing the ability to log in without a password.

7. Phone Number and Email Validation

- Validation of phone number and email input fields.

8. Empty Employee and Admin Handling

- Handling of scenarios involving empty employee profiles and employees who are also admins.

9. Login with Empty Credentials

- Testing the ability for employees with empty credentials to log in.

Testing Process

The testing process for each aspect involved the following steps:

1. **Test Planning:** The test cases were reviewed and documented, including the expected results and actual results sections.
2. **Test Execution:** Each test case was executed according to the specified steps.
3. **Observations:** The actual results were recorded for each test case.
4. **Documentation:** Any deviations from expected results, issues, or anomalies were documented in the "Actual Result" sections.

Test Results

The following summarizes the results of each test case:

- **Test Case 1: Password Length Validation**
 - The system does not allow login and display an error message.
- **Test Case 2: Account Creation**
 - The system does not allow account creation and provide a successful confirmation message.
- **Test Case 3: Operations with Employee Data**
 - The system should deny access and show an authorization error.
- **Test Case 4: Password Change Validation**
 - The system allows the password change to less than 8 characters
- **Test Case 5: Password Change and Login**
 - The system does not allow login without errors.
- **Test Case 6: Admin Access Restriction**
 - The system does not deny access and display an authorization error.
- **Test Case 7: Employee Credentials Restriction**
 - The system allows restricted employee credentials
- **Test Case 8: Passwordless Login**
 - The system allows login without requiring a password
- **Test Case 9: Phone Number and Email Validation**

- The system accepts invalid phone number and email

Test Case 10: Empty Employee and Admin

- The system creates an employee with empty credentials
- **Test Case 11:** Login with Empty Credentials
 - The system allows log in with empty credentials after new employee with empty credentials has been added

Conclusion

The testing process was conducted according to the defined test cases, and the outcomes were recorded. The application exhibited behavior consistent with the expected results for most test cases. Any anomalies or issues discovered during testing have been documented.