**Test Plan For Team n**

**Team Members Participating:**

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**Use Case Name**: Sign in

1. Scenario Table

|  |  |
| --- | --- |
| **Scenario Name** | **Scenario Description** |
| Main: Successful login | User enters correct log in information and is redirected to home page |
| Alt: Incorrect username and/or password | User entered incorrect information and is requested to retry |

1. Test Cases

| **Test Case Code** | **Scenario** | **Category** | **Data values (conditions) being tested** | **Expected Result** |
| --- | --- | --- | --- | --- |
| SI1 | Successful login | Simple validation | User inputted username, password, and store location, which will be compared to the database stored username, encrypted password, and the encryption key for store location | User entered username is matched in the database for the store location and the user entered password is matched with the stored encrypted password |
| SI2 | Incorrect username and/or password | Simple validation | User inputted username, password, and store location, which will be compared to the database stored username, encrypted password, and the encryption key for store location | User entered username is not found for store location or user entered password does not match stored password. |
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**Use Case Name**: Manage Employee Accounts

1. Scenario Table

|  |  |
| --- | --- |
| **Scenario Name** | **Scenario Description** |
| Main: Update Employee Account Status | User successfully updates the status of an employee |
| Main: View Employee Accounts List | User views a list of all employee accounts |
| Main: Update Employee Information | User successfully updates the selected users information |
| Alt: new password and confirm password don’t match | The newly updated password does not match the password confirmation |
| Alt: Missing mandatory information | Some of the data fields were removed and not replaced |
| Alt: Invalid input format | The formatting for data fields such as (phone number, email, address) |

1. Test Cases

| **Test Case Code** | **Scenario** | **Category** | **Data values (conditions) being tested** | **Expected Result** |
| --- | --- | --- | --- | --- |
| EA1 | Update Employee Account Status | Calculation | Selected employee accounts status | The employees account status will be updated and the user will be redirected to list of employee accounts |
| EA2 | View Employee Accounts List | Data Availability | The employee name, username, address, phone number, email, and status are displayed for each employee in a table | The employee name, username, address, phone number, POS SYSTEM USET ID, email, and status are displayed for each employee |
| EA3 | Update Employee Information | Calculation | All mandatory fields are filled. Password, confirm password, address, phone number, email | Employee information which was modified is updated and the user is redirected to the list of employee accounts |
| EA4 | new password and confirm password don’t match | Simple Validation | Password and confirm password all other data values don’t matter | Password doesn’t match confirm password exactly causing the update to fail. User is asked to renter password and password confirm |
| EA5 | Missing mandatory information | Simple Validation | Any number of data values of: address, phone number, email, password, password confirm which are blank | Updating account information fails and user is requested to add a value to all empty form elements |
| EA6 | Invalid input format | Simple Validation | Any number of email, phone number, or address which have an incorrect format | Updating account information fails and user is requested to adjust data so that it is following the correct format |
|  |  |  |  |  |

# Manage Employee Account: Change Password, Create New Account, Update Employee Account

1. Scenario Table

|  |  |
| --- | --- |
| **Scenario Name** | **Scenario Description** |
| Main: A new account was created | The employee registers a new account |
| Alt: data format is invalid | The submitted form has invalid fields |
| Alt: Mandatory fields are empty | There are fields that were left empty |
| Alt: confirm password and new password do not match | The employee filled the confirm password filled with content that does not match the new password |
| Alt: a piece of information exists in another account | A piece of information that must be unique to the account, like its email address, combination of last and first name and POS SYSTEM USET ID, has been found in an existing account |
|  |  |
| Main: Successfully changed the user’s password | The employee changes the password of his account |
| Alt: the current password is incorrect | The employee enters a password that does not match what is currently in the data base |
| Alt: confirm password and new password do not match | The employee filled the confirm password filled with content that does not match the new password |
| Alt: Mandatory fields are empty | There are fields that were left empty |
|  |  |
| Main: Successfully changed account information | The employee edits the information in his account |
| Alt: data format is invalid | The email address, home address, and/or phone number are in an incorrect format |
| Alt: Mandatory fields are empty | There are fields that were left empty |

1. Test Cases

| **Test Case Code** | **Scenario** | **Category** | **Data values (conditions) being tested** | **Expected Result** |
| --- | --- | --- | --- | --- |
| AC1 | A new account was created | Calculation | All mandatory fields are filled. Phone number, Email address, POS SYSTEM USET ID, and home address are valid meet format requirements, and the combination of first name and last name, POS SYSTEM USET ID and email are all unique to the created account. | The new account is added to the database. The list of employees is updated. The employee is directed to his home page. |
| AC2 | data format is invalid | Simple validation | One or more inputs such as emails and phone numbers do not follow the expected format. | An error statement is displayed besides the submit button and the violating fields are highlighted |
| AC3 | Mandatory fields are empty | Simple validation | The form contains fields that were left empty | An error statement is displayed besides the submit button and the empty fields are highlighted |
| AC4 | confirm password and new password do not match | Simple validation | The new password field’s content does not match the content of the confirm password field | An error statement is displayed besides the submit button and the two password fields are highlighted |
| AC5 | a piece of information exists in another account | Simple validation | The either the user name, the employee name, POS SYSTEM USET ID or email address is found in an existing account | An error statement is displayed besides the submit button and the violating fields are highlighted |
| CP1 | Successfully changed the user’s password | Calculation | The current password matches what is in the database and the new and confirm passwords are valid and they match | The account’s password has been updated and the employee is redirected to his home page. |
| CP2 | the current password is incorrect | Simple validation | The current password does not match what is in the database | An error statement is displayed besides the submit button and the current password field is highlighted |
| CP3 | confirm password and new password do not match | Simple validation | The new password field’s content does not match the content of the confirm password field | An error statement is displayed besides the submit button and the two password fields are highlighted |
| CP4 | Mandatory fields are empty | Simple validation | The either the user name, the employee name, POS SYSTEM USET ID | An error statement is displayed besides the submit button and the empty fields are highlighted |
| CI1 | Successfully changed account information | Calculation | All mandatory fields are filled. Phone number, Email address, POS SYSTEM USET ID, and home address are valid meet format requirements, and the combination of email address is all unique to the created account. | The altered fields are saved to the account and the employee is directed to his home page. |
| CI2 | data format is invalid | Simple validation | One or more inputs such as emails and phone numbers do not follow the expected format. | An error statement is displayed besides the submit button and the violating fields are highlighted the violating fields are highlighted |
| CI3 | Mandatory fields are empty | Simple validation | The either the user name, the employee name, POS SYSTEM USET ID | An error statement is displayed besides the submit button and the empty fields are highlighted |