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**Test Plan**

**Group 6**

A close up of a logo

Description automatically generated

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# Test Cases for Use Case 1: Signing into the System.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Use Case | Test Case ID | Name | Pre-condition | Test Data | Expected Result | Result (P or F) |
| UC-01 | TC-01 | Signing into the System | The user must be an Administrator. | Username: admin  Password: Password= | The user is signed into the program. |  |
| UC-01 | TC-02 | User Inputs Wrong Credentials | The user inputs credentials that are not listed as an administrator. | Username: Jeff  Password: Guy | An error message is shown, and the user can attempt to input credentials again. |  |

# Test Cases for Use Case 2: Creating an Employee.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Use Case | Test Case ID | Name | Pre-condition | Test Data | Expected Result | Result (P or F) |
| UC-02 | TC-01 | Creating an Employee | User is an administrator. | Name: Jeff  Surname: Guy  DOB: 1996/04/06  Department: Cashier | New Employee Added |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Use Case | Test Case ID | Name | Pre-condition | Test Data | Expected Result | Result (P or F) |
| UC-03 | TC-01 | Deleting an Employee | User must be administrator | Name: Jeff  Surname: Guy  DOB: 1996/04/06  Department: Cashier | Employee deleted from the system. |  |
| UC-03 | TC-02 | Unable to delete Employee | User must be administrator | Name: Jeff  Surname: Guy  DOB: 1996/04/06  Department: Cashier | System displays message that the Employee could not be deleted. |  |

# Test Cases for Use Case 3: Deleting an Employee.

# Test Cases for Use Case 4: Editing an Employee.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Use Case | Test Case ID | Name | Pre-condition | Test Data | Expected Result | Result (P or F) |
| UC-04 | TC-01 | Editing employee | Signed in as Admin | Name: Rosen Simmons  DOB: 26 February 1993  Role: Employee  Name: Rosen Rosenova | Change the surname of an employee. |  |
| UC-04 | TC-02 | Editing employee leaving blank fields | Employee must already exist | Name: Momin Zlaten  DOB: 16 June 1995  Role: Employee | The expected result is that we get an error message when a change is made, and a blank field is left.  For example: changing the date of birth |  |

# Test Cases for Use Case 5: Creating a Schedule.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Use Case | Test Case ID | Name | Pre-condition | Test Data | Expected Result | Result (P or F) |
| UC-05 | TC-01 | Creating a schedule | Employee must be already in the system | Name: Morsh Porsh  Department: Technical Support  Date: 12 November 2020  Time: 9am to 5pm  Name: Alex Sashkov  Department: Cashier  Date: 12 November 2020  Time: 9am to 5pm | These employees will be officially registered to work a shift on the specified date |  |
| UC-05 | TC-02 | Adding an employee to a schedule when they have reached their limit | The employee must already be assigned to a shift | Name: Ivan Dimitrov  Department: Cleaner  Date: 10 October 2020  Time: 9am to 5pm  Name: Ivan Dimitrov  Department: Cleaner  Date: 11 October 2020  Time: 9am to 5pm  Name: Ivan Dimitrov  Department: Cleaner  Date: 12 October 2020  Time: 9am to 5pm | It should not be possible to add employee to a 3rd shift because of the limitations on hours per week. |  |
| UC-05 | TC-03 | Adding a schedule with no employees | There must be available employees | No data | The system should alert you that no employees have been added to a schedule that you may be trying to create |  |

# Test Cases for Use Case 6: Viewing a Schedule.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Use Case | Test Case ID | Name | Pre-condition | Test Data | Expected Result | Result (P or F) |
| UC-06 | TC-01 | Viewing schedules | Schedules must already have been created | Date: 04/05/2020  Staff Count: 12  Status: Yes  Date: 04/05/2020  Staff Count: 12  Status: Yes  Date: 10/05/2020  Staff Count: 10  Status: No | It should be possible to see what schedules have been created and the status of those schedules |  |
| UC-06 | TC-02 | No Schedules Added | No schedules in the database | None | System displays an error message saying that there are no schedules. |  |

# Test Cases for Use Case 7: Updating a Schedule.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Use Case | Test Case ID | Name | Pre-condition | Test Data | Expected Result | Result (P or F) |
| UC-07 | TC-01 | Updating schedules | Schedule must already exist | Date: 04/05/2020  Staff Count: 12  Status: Yes  Date: 11/05/2020  Staff Count: 12  Status: Yes | Shift the date for a future schedule |  |
| UC-07 | TC-02 | Updating schedules by changing the time | An employee must have a schedule | Name: Pavel Kostadinov  Department: Technical Support  Time: 9am – 5pm  Department: Salesman | Changing the department of an employee in an already existing schedule |  |

# Test Cases for Use Case 8: Deleting a Schedule.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Use Case | Test Case ID | Name | Pre-condition | Test Data | Expected Result | Result (P or F) |
| UC-08 | TC-01 | Deleting a Schedule | The schedule must present in the system. | None | The Schedule is deleted from the system once the button is pushed and confirmed. |  |
| UC-08 | TC-02 | Error for the chosen schedule | The schedule is active or has not been worked out | None | An error message notifies the user that the selected schedule could not be deleted. |  |

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| --- | --- | --- | --- | --- | --- | --- |
| Use Case | Test Case ID | Name | Pre-condition | Test Data | Expected Result | Result (P or F) |
| UC-09 | TC-01 | Signing out the system. | User must be signed into the system. | Click Logout/Sign out Button | User is signed out of the system and returned to the homepage. |  |
| UC-09 | TC-02 | Unable to sign out of system | User must be signed into the system. | Click Logout/Sign out Button | System displays an error message that notifies the user that they could not be signed out at this time. |  |

# Test Cases for Use Case 9: Signing out of the System.