A picture containing company name

Description automatically generated

2021

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PRJ-CB07 – Group02 – version 0.1

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# Test Plan

Contents

[Test Plan 1](#_Toc67250024)

[1.Test Cases 2](#_Toc67250025)

[1.1 C# application – Login form 2](#_Toc67250026)

[1.2 C# application – Administration 3](#_Toc67250027)

# 1.Test Cases

### 1.1 C# application – Login form

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TC | UC | Name of UC | Pre-condition | Test data | Expected result |
| TC-01 | UC-04 | Logging into application as an administrator | Application must be running on the device | Username: Admin1  Password: password1 | Administrator form will display |
| TC-02 | UC-04 | Logging into application as a Manager | Application must be running on the device | Username: Manager2  Password: password2 | Manager form will display |
| TC-03 | UC-04 | Login with wrong credentials | Application must be running on the device | Username: admin  Password: 123 | A message will be displayed indicating wrong credentials |
| TC-04 | UC-04 | Login with empty fields | Application must be running on the device |  | A message will be displayed indicating wrong credentials |
| TC-05 | UC-04 | Exit the login form | Application must be running on the device |  | The form will be closed |

#### 1.2 C# application – Administration

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TC | UC | Name of UC | Pre-condition | Test data | Expected result |
| TC-01 | UC-01 | Adding a new employee to the system | User logged in as an administrator | Username: John  Password: john123  First name: John  Surname: Doe  Gender: Male  Email: [j.Doe@gmail.com](mailto:j.Doe@gmail.com)  Type of contract: full time  Birth date: 09/23/1999  First working date: 03/27/2021  Last working date:  04/15/2022  Street name: greenway  Street No.: 123  Zip code: ZL123  Town: Peacehaven  Country: UK  Hourly wage: 20 | Employee added successfully. |
| TC-02 | UC-01 | Adding an employee with missing information | User logged in as an administrator | Username: John  Password: john123  First name: John  Surname: Davis  Gender: Male | A message will display saying “Please fill in all of the  fields”. |
| TC-03 | UC-01 | Adding an employee with incorrect information | User logged in as an administrator | Username: John  Password: john123  First name: John  Surname: Doe  Gender: Male  Email: [j.Doe@gmail.com](mailto:j.Doe@gmail.com)  Type of contract: full time  Birth date: 09/23/1999  First working date: 03/27/2021  Last working date:  04/15/2022  Street name: greenway  Street No.: 123  Zip code: ZL123  Town: Peacehaven  Country: UK  Hourly wage: Price | A message will display saying  “There was entered data in a wrong format”. |
| TC-04 | UC-01 | Add nothing | User logged in as an administrator. |  | A message will display saying “Please fill in all of the fields”. |
| TC-05 | UC-01 | Adding an employee with a later first working day than last working day. | User logged in as an administrator. | Username: John  Password: john123  First name: John  Surname: Doe  Gender: Male  Email: [j.Doe@gmail.com](mailto:j.Doe@gmail.com)  Type of contract: full time  Birth date: 09/23/1999  First working date: 03/27/2021  Last working date:  02/15/2021  Street name: greenway  Street No.: 123  Zip code: ZL123  Town: Peacehaven  Country: UK  Hourly wage: 20 | A message will display saying  “Last working day can’t be earlier than the first one”. |
| TC-06 | UC-01 | Cancel action | User logged in as an administrator |  | The registration form will be closed |
| TC-07 | UC-02 | Removing an employee from the company’s system | User logged in as an administrator  and selected an employee from list of employees |  | A message will display indicating the employee has been removed successfully and if the employee scheduled for work shift in future this will be shown in list |
| TC-08 | UC-02 | Removing not existing employee from the company’s system | User logged in as an administrator  and didn’t select an employee to be removed |  | A message will display saying “please select an employee” |
| TC-09 | UC-02 | Searching for an employee by an ID | User logged in as an administrator | ID: 1 | Information of employee with this ID will be displayed in employees list |
| TC-10 | UC-02 | Searching for not existing employee by an ID | User logged in as an administrator | ID: 212 | A message will display mentioning “Employee with this ID does not exist” |
| TC-11 | UC-03 | Assigning an employee to work shift | User logged in as an administrator | Date: 27/03/2021  Afternoon shift  Employee: John Doe | A message will be display indicating this employee assigned successfully |
| TC-12 | UC-05 | Logging out of the application | User logged in as an administrator |  | The current form will be closed |
| TC-13 | UC-06 | Terminate employee’s contract | User logged in as an administrator and selected an employee from the list | Last working date: 20/06/2022  Reason: Expiration of contract | A message will be displayed indicating this action has been done successfully |
| TC-14 | UC-06 | Cancel action | User logged in as an administrator and selected an employee from the list |  | The form that displayed to terminate employee’s contract will be closed |
| TC-15 | UC-07 | Editing employee’s data | User logged in as an administrator and selected an employee | First name: Rebecca  Gender: Female | A message display saying “Data has been edited successfully” |
| TC-16 | UC-07 | Cancel action | User logged in as an administrator and selected an employee |  | Edit personal information form will be closed |
| TC-17 | UC-08 | Canceling work shift | User logged in as an administrator and selected an employee that is assigned to work shift from the list |  | A message display indicating the work shift is removed successfully |

##### 1.3 C# application- Management

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TC | UC | Name of UC | Pre-condition | Test data | Expected result |
| TC-01 | UC-09 | Viewing different individual statistics about an employee | User logged in as a Manager and select an employee by fill in his ID | ID: 1 | Information about required statistic is displayed |
| TC-02 | UC-09 | Viewing statistics of employee with an available ID | User logged in as a Manager and fill in an available ID | ID:21 | A message display “NO employee with this ID has been found” |
| TC-03 | UC-10 | Viewing overall statistics about the company | User logged in as a Manager | Start date: 01/03/2021  Finish date:21/03/2021 | Information about required statistics for the selected period is displayed |
| TC-04 | UC-10 | Viewing overall statistics about the company | User logged in as a Manager and indicate the date | Selected date:18/03/2021 | Information about required statistics for the selected date is displayed |
| TC-05 | UC-10 | Viewing overall statistics about the company | User logged in as a Manager |  | A message will appear asking the user to fill in the date or time period |