**Log in**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Username** | | | **Password** | | | **Expected Result** | **Result** |
|  |  | Wrong | Right |  | Wrong | Right |  |  |
| 1 | ekatsi03 | ✓ |  | - | ✓ |  | Password field is required | Password field is required |
| 2 | lagrot01 |  | ✓ | - | ✓ |  | Password field is required | Password field is required |
| 3 | lagrot01 |  | ✓ | 1234 | ✓ |  | Wrong password | Wrong password |
| 4 | - | ✓ |  | 123456 |  | ✓ | Username field is required | Username field is required |
| 5 | lagrot01 |  | ✓ | 123456 |  | ✓ | Login successfully | Login successfully |

**Add Employee**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Username** | | | **Password** | | | **ID** | | | **SSN** | | | **Role** | | | **Expected Result** | **Result** |
|  |  | Wrong | Right |  | Wrong | Right |  | Wrong | Right |  | Wrong | Right |  | Wrong | Right |  |  |
| 1 | ekatsi03 |  | ✓ |  | ✓ |  |  | ✓ |  |  | ✓ |  |  | ✓ |  | Required fields | Required fields |
| 2 | ekatsi03 |  | ✓ | 1234 |  | ✓ |  | ✓ |  |  | ✓ |  |  | ✓ |  | Required fields | Required fields |
| 3 | ekatsi03 |  | ✓ | 1234 |  | ✓ | No\_id | ✓ |  | 6587 |  | ✓ | IT |  | ✓ | Only numbers allowed at ID field | Only numbers allowed at ID field |
| 4 | ekatsi03 |  | ✓ | 1234 |  | ✓ | 988825 |  | ✓ | No\_SSN | ✓ |  | IT |  | ✓ | Only numbers allowed at SSN field | Only numbers allowed at SSN field |
| 5 |  | ✓ |  | 1234 |  | ✓ | 988825 |  | ✓ | 6587 |  | ✓ | IT |  | ✓ | Required field | Required field |
| 6 | ekatsi03 | ✓ |  | 1234 |  | ✓ | 988825 |  | ✓ | 6587 |  | ✓ | IT |  | ✓ | Inserted correctly | Inserted correctly |
| 7 | ekatsi03 | ✓ |  | 1234 |  | ✓ | 988825 |  | ✓ | 6587 |  | ✓ | IT |  | ✓ | Username already exists in the Database | Username already exists in the Database |

**Assuming that the above fields inserted correctly the other checks are the following:**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Salary** | | | **Phone** | | | **Emergency Phone** | | | **Expected Result** | **Result** |
|  |  | **Wrong** | **Right** |  | **Wrong** | **Right** |  | **Wrong** | **Right** |  |  |
| 1 | No\_salary | ✓ |  | 96321458 |  | ✓ | 98562145 |  | ✓ | Only numbers allowed at Salary field | Only numbers allowed at Salary field |
| 2 | 10.000 |  | ✓ | No\_phone | ✓ |  | 98562145 |  | ✓ | Only numbers allowed at Phone field | Only numbers allowed at Phone field |
| 3 | 10.000 |  | ✓ | 96461145 |  | ✓ | No\_phone | ✓ |  | Only numbers allowed at Emergency phone field | Only numbers allowed at Emergency phone field |
| 4 | 10.000 |  | ✓ | 96461145 |  | ✓ | 98562145 |  | ✓ | Inserted correctly | Inserted correctly |

**Assuming again that all of the above fields inserted correctly the last checks are the following:**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Department** | | | **Country of Department** | | | **Date of Birth** | | | **Expected Result** | **Result** |
|  |  | **Wrong** | **Right** |  | **Wrong** | **Right** |  | **Wrong** | **Right** |  |  |
| 1 | 1 - IT |  | ✓ | 1 - Sweeden |  | ✓ | 21/01/1995 | ✓ |  | Date of birth field should be in the following format YYY-MM-DD | Date of birth field should be in the following format YYY-MM-DD |
| 2 | 1 - IT |  | ✓ | 2 - Cyprus | ✓ |  | 1995-11-21 |  | ✓ | Department in the given country does not exist in Database | Department in the given country does not exist in Database |
| 3 | 1 - IT |  | ✓ | 1 - Sweeden |  | ✓ | 1995-11-21 |  | ✓ | Inserted correctly | Inserted correctly |

**Delete Employee**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Username** | | | **Expected Result** | **Result** |
|  |  | Wrong | Right |  |  |
| 1 | ekatsi03 | ✓ |  | Alert Message: “Given Username not found. Please try again.” | Alert Message: “Given Username not found. Please try again.” |
| 2 | jake1 |  | ✓ | Alert Message: “Employee has been deleted successfully” | Alert Message: “Employee has been deleted successfully” |
| 3 | - | ✓ |  | Alert Message: “No Username Found. Please try again” | Alert Message: “No Username Found. Please try again” |

1. Wrong Manager ( Manager can delete only his/her employees)

2. Correct

3. Null field

**Contact us**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **To** | | | | | **Subject** | | | **Description** | | | **Expected Result** | **Result** |
|  |  | | | Wrong | Right |  | Wrong | Right |  | Wrong | Right |  |  |
| 1 | - | | | ✓ |  | - | ✓ |  | - | ✓ |  | ‘To’ field is required  ‘Subject’ field is required  ‘Description’ field is required | ‘To’ field is required  ‘Subject’ field is required  ‘Description’ field is required |
| 2 | - | | | ✓ |  | - | ✓ |  | hello |  | ✓ | ‘To’ field is required  ‘Subject’ field is required | ‘To’ field is required  ‘Subject’ field is required |
| 3 | - | | | ✓ |  | exam |  | ✓ | - | ✓ |  | ‘To’ field is required  ‘Description’ field is required | ‘To’ field is required  ‘Description’ field is required |
| 4 | - | | | ✓ |  | exam |  | ✓ | hello |  | ✓ | ‘To’ field is required | ‘To’ field is required |
| 5 | ekatsi03@cs.ucy.ac.cy | | |  | ✓ | - | ✓ |  | - | ✓ |  | ‘Subject’ field is required  ‘Description’ field is required | ‘Subject’ field is required  ‘Description’ field is required |
| 6 | ekatsi03@cs.ucy.ac.cy | | |  | ✓ | - | ✓ |  | hello |  | ✓ | ‘Subject’ field is required | ‘Subject’ field is required |
| 7 | ekatsi03@cs.ucy.ac.cy | | |  | ✓ | exam |  | ✓ | - | ✓ |  | ‘Description’ field is required | ‘Description’ field is required |
| 8 | ekatsi03@cs.ucy.ac.cy | | |  | ✓ | exam |  | ✓ | hello |  | ✓ | message sent | message sent |

**Leave Request**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Start Date** | | | **Finish Date** | | | **Expected Result** | **Result** |
|  |  | Wrong | Right |  | Wrong | Right |  |  |
| 1 | 27/12/2017 | ✓ |  | 02/01/2017 | ✓ |  | alert box with error message | alert box with error message |
| 2 | 27/12/2017 | ✓ |  | 23/12/2017 | ✓ |  | alert box with error message | alert box with error message |
| 3 | 05/04/2018 |  | ✓ | 23/12/2017 | ✓ |  | alert box with error message | alert box with error message |
| 4 | 27/12/2017 | ✓ |  | 05/04/2018 |  | ✓ | alert box with error message | alert box with error message |
| 5 | 05/04/2018 |  | ✓ | 10/04/2018 |  | ✓ | insert correctly | insert correctly |

**View Hours**

-if the employee doesn’t press clock out, hours does not compute.

-if the employee doesn’t press return from break, break length doesn’t compute.

**Clock in**

-Employee can’t press clock out before press clock in first

-Employee can’t press return from break before press break first.

-If an employee is clocked in and is in break, he/she can’t press clock out. He/she have to press return from break first and then clock out.

**Employee Status**

According to the username of the manager, the username, first name, last name and status of his employees appear on the screen. There are some checks in the database that are related to the status of manager’s employees:

-If employee is clocked in that means that in the database is only field that is initialazed with a time, different from 00:00:00, which is the default value of all fields of Attedance Time table.

-If employee is clocked out that means that in the database field Clock out and Clock in are initialized with a time, different from 00:00:00.

-If employee is on break that means that in the database field Break and Clock in are initialized with a time, different from 00:00:00.

- If employee is clocked in (to be exactly employee has returned from break) that means that in the database field ReturnBreak,Break and Clock in are initialized with a time, different from 00:00:00 and time of ReturnBreak field is greater than the time of Break field.

- If employee is on break that means that in the database field ReturnBreak,Break and Clock in are initialized with a time, different from 00:00:00 and time of Break field is greater than the time of ReturnBreak field.

-If all fields are initialized with a time, different from 00:00:00, according to which field has the greater time ( ReturnBreak,Break ,ClockOut), employee has that status.

**Logout**

-If an employee is not clocked in, then is okay to press log out.

-If he/she is clocked in, he/she can’t press log out if he/she didn’t press clock out first.

-If he/she is clocked in and is in break, he/she can’t press log out if he/she didn’t press return from break first.

**Report for hours**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Start Date** | | | **Finish Date** | | | **Expected Result** | **Result** |
|  |  | Wrong | Right |  | Wrong | Right |  |  |
| 1 | 13/09/2018 | ✓ |  | 15/09/2018 | ✓ |  | alert box with error message | alert box with error message |
| 2 | 13/09/2018 | ✓ |  | 10/09/2018 | ✓ |  | alert box with error message | alert box with error message |
| 3 | 03/04/2018 |  | ✓ | 23/05/2018 | ✓ |  | alert box with error message | alert box with error message |
| 5 | 27/05/2018 | ✓ |  | 03/04/2018 |  | ✓ | alert box with error message | alert box with error message |
| 6 | 03/04/2018 |  | ✓ | 06/04/2018 |  | ✓ | export the report | export the report |

**View Request (employee):**

-Check whether the data of the connected employee is the same as the data in the database.

-Check whether the data displayed belongs only to the connected employee.