**TestCases**

* **Duty Leave**

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| --- | --- | --- | --- | --- | --- |
| Test No. | Test Case | Input | Expected Outcome | Actual Outcome | Remark |
| 1 | Duty Leave | Academic Year: 2024-2025  Type: special leave / Duty leave  Application Date: current date [FIXED]  Department: respected Department  Reference No: optional  Date Of Letter: optional  From-Date: 26-11-2024  To-Date: 29-11-2024  No. Of Days: 4  Nature Of Duty Assigned: Reason | Duty Leave Applied Successfully!  [Leave Data gets stored in DB] |  |  |
| 2 | Duty Leave | Academic Year: 2024-2025  Type: special leave / Duty leave  Application Date: current date [FIXED]  Department: respected Department  Reference No: optional  Date Of Letter: optional  From-Date: 26-11-2024 [same date previously applied]  To-Date: 29-11-2024 2024 [same date previously applied]  No. Of Days: 4  Nature Of Duty Assigned: Reason | Duplicate Entry: Duty Leave has already been applied for these dates! |  |  |
| 3 | Duty Leave | Academic Year: 2024-2025  Type: special leave / Duty leave  Application Date: current date [FIXED]  Department: respected Department  Reference No: 1 [if ref no is given then date of letter is mandatory]  Date Of Letter: 26-11-2024 [Mandatory]  From-Date: 26-11-2024  To-Date: 29-11-2024  No. Of Days: 4  Nature Of Duty Assigned: Reason | Duty Leave Applied Successfully!  [Leave Data gets stored in DB] |  |  |

* **Casual Leave**

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| --- | --- | --- | --- | --- | --- |
| Test No. | Test Case | Input | Expected Outcome | Actual Outcome | Remark |
| 1 | Casual leave | Academic Year : 2024-2025  Application Date: current date [FIXED]  Department: respected department  From-Date : 26-11-2024  To-Date: 28-11-2024  No. Of Days :3  On Account Of: Reason | No duty leave left!  [Because Casual leaves are not Assigned or all Taken] |  |  |
| 2 | Casual leave | Academic Year : 2024-2025  Application Date: current date [FIXED]  Department: respected department  From-Date : 26-11-2024  To-Date: 29-11-2024  No. Of Days :4  On Account Of: Reason | More Than 3 Days !!  [Because casual leaves cannot be applied more than 3 days in continuous] |  |  |
| 3 | Casual leave | Academic Year : 2024-2025  Application Date: current date [FIXED]  Department: respected department  From-Date : 26-11-2024  To-Date: 28-11-2024  No. Of Days :3  On Account Of: Reason | Casual Leave Applied Successfully! |  |  |
| 4 | Casual leave | Academic Year : 2024-2025  Application Date: current date [FIXED]  Department: respected department  From-Date : 26-11-2024 [same date previously applied]  To-Date: 28-11-2024 [same date previously applied]  No. Of Days :3  On Account Of: Reason | Duplicate Entry: Casual Leave has already been applied for these dates! |  |  |

* **OFF Pay**

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| --- | --- | --- | --- | --- | --- |
| Test No. | Test Case | Input | Expected Outcome | Actual Outcome | Remark |
| 1 | Off pay | Academic Year: 2024-2025  Application Date: current date  Department: respected department  No. Of Days:1  Duty Details: Date of Duty : 26-11-2024  Nature of work : Reason  Off pay date : 27-11-2024 | Off Pay leave applies Successfully!! for dates :  27-11-2024 |  |  |
| 2 | Off pay | Academic Year: 2024-2025  Application Date: current date  Department: respected department  No. Of Days:1  Duty Details: Date of Duty : 26-11-2024  Nature of work : Reason  Off pay date : 28-11-2024 | Off Pay leave has already been applied for :  26-11-2024  [Because Applied for same date again] |  |  |
| 3 | Off pay | Academic Year: 2024-2025  Application Date: current date  Department: respected department  No. Of Days:2  Duty Details: 1) Date of Duty : 26-11-2024  Nature of work : Reason  Off pay date : 28-11-2024  2) Date of Duty : 28-11-2024  Nature of work : Reason  Off pay date : 29-11-2024 | Off pay leave cannot be applied …..  [Because  off pay date & Date of Duty is same.] |  |  |
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* **MHME (Medical,Half Pay,maternity,Earned) Leave**

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| --- | --- | --- | --- | --- | --- |
| Test No. | Test Case | Input | Expected Outcome | Actual Outcome | Remark |
| 1 | MHME **(Medical leave)** | Academic Year: 2024-2025  Type: Medical leave  Application Date:  current date  Department: respected department  Prefix – Suffix: ……..  From-Date: 1-12-2024  To-Date: 3-12-2024  No. Of Days: 3  Reason: Reasonnn | Medical Leave Applied Successfully! |  |  |
| 2 | MHME **(Medical leave)** | Academic Year: 2024-2025  Type: Medical leave  Application Date:  current date  Department: respected department  Prefix – Suffix: ……..  From-Date: 1-12-2024  To-Date: 3-12-2024  No. Of Days: 3  Reason: Reasonnn | Duplicate Entry: Medical Leave has already been applied for these dates! |  |  |
| 3 | MHME **(Medical leave)** | Academic Year: 2024-2025  Type: Medical leave  Application Date:  current date  Department: respected department  Prefix – Suffix: ……..  From-Date: 1-12-2024  To-Date: 25-12-2024  No. Of Days: 26  Reason: Reasonnn | No Medical leave left!  [Because all Medical leaves are Taken] |  |  |
| 4 | MHME **(Half Pay leave)** | Academic Year: 2024-2025  Type: Half Pay leave  Application Date:  current date  Department: respected department  Prefix – Suffix: ……..  From-Date: 1-12-2024  To-Date: 5-12-2024  No. Of Days: 5  Reason: Reasonnn | Half Pay Leave Applied Successfully! |  |  |
| 5 | MHME **(Half Pay leave)** | Academic Year: 2024-2025  Type: Half Pay leave  Application Date:  current date  Department: respected department  Prefix – Suffix: ……..  From-Date: 1-12-2024  To-Date: 5-12-2024  No. Of Days: 5  Reason: Reasonnn | Duplicate Entry: Half Pay Leave has already been applied for these dates! |  |  |
| 6 | MHME **(Half Pay leave)** | Academic Year: 2024-2025  Type: Half Pay leave  Application Date:  current date  Department: respected department  Prefix – Suffix: ……..  From-Date: 1-12-2024  To-Date: 25-12-2024  No. Of Days: 26  Reason: Reasonnn | No Half Pay leave left!  [Because all Half Pay leaves are Taken] |  |  |
| 7 | MHME **(Maternity leave)** | Academic Year: 2024-2025  Type: Maternity leave  Application Date:  current date  Department: respected department  Prefix – Suffix: ……..  From-Date: 1-12-2024  To-Date: 5-12-2024  No. Of Days: 5  Reason: Reasonnn | Maternity Leave Applied Successfully! |  |  |
| 8 | MHME **(Maternity leave)** | Academic Year: 2024-2025  Type: Maternity leave  Application Date:  current date  Department: respected department  Prefix – Suffix: ……..  From-Date: 1-12-2024  To-Date: 5-12-2024  No. Of Days: 5  Reason: Reasonnn | Duplicate Entry: Half Pay Leave has already been applied for these dates! |  |  |
| 9 | MHME **(Maternity leave)** | Academic Year: 2024-2025  Type: Maternity leave  Application Date:  current date  Department: respected department  Prefix – Suffix: ……..  From-Date: 1-12-2024  To-Date: 25-12-2024  No. Of Days: 26  Reason: Reasonnn | No Maternity leave left!  [Because all Maternity leaves are Taken] |  |  |
| 10 | MHME **(Earned leave)** | Academic Year: 2024-2025  Type: Earned leave  Application Date:  current date  Department: respected department  Prefix – Suffix: ……..  From-Date: 1-12-2024  To-Date: 5-12-2024  No. Of Days: 5  Reason: Reasonnn | Earned Leave Applied Successfully! |  |  |
| 11 | MHME **(Earned leave)** | Academic Year: 2024-2025  Type: Earned leave  Application Date:  current date  Department: respected department  Prefix – Suffix: ……..  From-Date: 1-12-2024  To-Date: 5-12-2024  No. Of Days: 5  Reason: Reasonnn | Duplicate Entry: Earned Leave has already been applied for these dates! |  |  |
| 12 | MHME **(Earned leave)** | Academic Year: 2024-2025  Type: Earned leave  Application Date:  current date  Department: respected department  Prefix – Suffix: ……..  From-Date: 1-12-2024  To-Date: 25-12-2024  No. Of Days: 26  Reason: Reasonnn | No Earned leave left!  [Because all Maternity leaves are Taken] |  |  |

* **New Registration**

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| Test No. | Test Case | Input | Expected Outcome | Actual Outcome | Remark |
| 1 | Registration | Name: omkar  Type: Degree Teacher  Department: Information technology  Designation: Teacher  Date Of Joining: 1-11-2024  Gender: Male  Username: omkar@gmail.com | New Staff member Added Successfully! |  |  |
| 2 | Registration | Name: omkar  Type: Degree Teacher  Department: Information technology  Designation: Teacher  Date Of Joining: 1-11-2024  Gender: Male  Username: omkar@gmail.com | Username already exists.  [Because  Mail id already exist in DB] |  |  |
| 3 | Registration | Name: omkar  Type: Degree Teacher  Department: Information technology  Designation: Teacher  Date Of Joining: 1-11-2024  Gender: Male  Username: ok@gmail.com | Duplicate Entry : User already Exist!  [Because  Data already exist in DB even if mail id is different] |  |  |

* **Assign Leaves (Teaching,Non-Teaching)**

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| --- | --- | --- | --- | --- | --- |
| Test No. | Test Case | Input | Expected Outcome | Actual Outcome | Remark |
| 1 | Assign Leaves  (Teaching) | Academic Year: 2024-2025  Type: Degree  Department: respected Department  Teacher Wise (single) / Department Wise(All)  Casual Leaves:10  Half Pay Leave:10  Medical Leave:10  Maternity Leave:10 | Leaves Assigned Successfully !! |  |  |
| 2 | Assign Leaves  (Teaching) | Academic Year: 2024-2025  Type: Degree / Junior  Department: respected Department  Teacher Wise (single) / Department Wise(All)  Casual Leaves:10  Half Pay Leave:10  Medical Leave:10  Maternity Leave:10 | Duplicate Entry: Leaves has been Assigned For this Year !! |  |  |
| 3 | Assign Leaves  (Non-Teaching) | Academic Year: 2024-2025  Type: Office / Laboratory  Department: respected Department  Individual (single) / All  Casual Leaves:10  Half Pay Leave:10  Medical Leave:10  Maternity Leave:10  Earned Leave:10 | Leaves Assigned Successfully !! |  |  |
| 4 | Assign Leaves  (Non-Teaching) | Academic Year: 2024-2025  Type: Office / Laboratory  Department: respected Department  Individual (single) / All  Casual Leaves:10  Half Pay Leave:10  Medical Leave:10  Maternity Leave:10  Earned Leave:10 | Duplicate Entry: Leaves has been Assigned For this Year !! |  |  |

* **Update Details**

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| --- | --- | --- | --- | --- | --- |
| Test No. | Test Case | Input | Expected Outcome | Actual Outcome | Remark |
| 1 | Update Details | Select Staff Name: Abc  Job Role: Non Teaching Office/ Non-Teaching Laboratory / Office Operator | Job role updated successfully |  |  |
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* **Deactivate Users**

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| --- | --- | --- | --- | --- | --- |
| Test No. | Test Case | Input | Expected Outcome | Actual Outcome | Remark |
| 1 | Deactivate Users  (Teaching) | Teaching  Type: Degree  Department: respected department | List of users & their status will be displayed..  [Deactivated Users cannot login in System] |  |  |
| 2 | Deactivate Users  (Non-Teaching) | Non-Teaching  Type: Degree  Department: respected department | List of users & their status will be displayed..  [Deactivated Users cannot login in System] |  |  |

* **Report**

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| --- | --- | --- | --- | --- | --- |
| Test No. | Test Case | Input | Expected Outcome | Actual Outcome | Remark |
| 1 | Report  (Department Report) | Select College: Degree / Junior  Select Department: respected Department | Department Report Will be Downloaded as PDF!! |  |  |
| 2 | Report  (Individual Teacher Report) | Select College: Degree / Junior  Select Department: respected Department  Select Staff: respected Staff | Individual Report Will be Downloaded as PDF!! |  |  |