Test cases

1. Secure Login & Role-Based Access

TC\_LOGIN\_001: Valid Employee Login

* Objective: Ensure that an employee with valid credentials can log in.
* Steps:
  1. Navigate to login page.
  2. Enter valid employee email and password.
  3. Click "Login".
* Expected Result: Redirected to Employee Dashboard.

TC\_LOGIN\_002: Invalid Credentials

* Objective: Verify login fails with incorrect password.
* Steps: Same as above, but enter invalid password.
* Expected Result: Error message "Invalid credentials."

TC\_LOGIN\_003: Role-based Access Control

* Objective: Ensure employees cannot access admin routes.
* Steps:
  1. Log in as employee.
  2. Try to access /admin/dashboard.
* Expected Result: Access denied or redirect to employee homepage.

2. Leave Application Submission & Tracking

TC\_LEAVE\_001: Submit Leave Request

* Steps:
  1. Login as employee.
  2. Navigate to Leave → New Request.
  3. Select leave type, start/end dates, and reason.
  4. Click "Submit".
* Expected Result: Leave request is created and status = "Pending".

TC\_LEAVE\_002: View Leave History

* Steps: Login → Leave → History
* Expected Result: List of past requests with status.

TC\_LEAVE\_003: Approve Leave (Admin)

* Steps:
  1. Login as Admin.
  2. Go to Leave Requests.
  3. Click on a pending request and select "Approve".
* Expected Result: Status changes to "Approved"; employee gets notification.

3. Access to Pay Slips

TC\_PAYSLIP\_001: View Monthly Payslip

* Steps:
  1. Login as employee.
  2. Navigate to Pay Slips → Select Month.
* Expected Result: PDF or table of payslip is displayed with correct data.

TC\_PAYSLIP\_002: Access Historical Pay Slips

* Steps: Same as above; change month/year from dropdown.
* Expected Result: Correct older payslip is shown.

4. Appointment Booking System

TC\_APPT\_001: Submit Appointment Request

* Steps:
  1. Login as employee.
  2. Go to Appointments → New.
  3. Select date/time and reason.
  4. Submit.
* Expected Result: Request is saved with "Pending" status.

TC\_APPT\_002: Admin Approval of Appointment

* Steps:
  1. Login as Admin.
  2. Navigate to Appointment Requests.
  3. Approve or reschedule.
* Expected Result: Employee is notified; calendar updated.

5. Access to Contract Documents

TC\_CONTRACT\_001: View Contract Document

* Steps:
  1. Login as employee.
  2. Go to Profile → Documents.
  3. Click "View Contract".
* Expected Result: Contract PDF loads or downloads securely.

6. Auto-Generation of Pay Slips

TC\_PAYGEN\_001: Auto-Generate Pay Slip

* Steps:
  1. Login as Admin.
  2. Select "Generate Pay Slips" for a department.
* Expected Result: All employee slips are generated with deductions, taxes, etc

7. Bulk Operations for Similar Roles

TC\_BULK\_001: Bulk Salary Update

* Steps:
  1. Login as Admin.
  2. Go to Bulk Actions → Select Role (e.g., QA).
  3. Set salary increase (e.g., +5%).
* Expected Result: Salaries updated for all QAs; changes logged.

8. Approval System for Requests

TC\_APPROVAL\_001: Reject Leave Request

* Steps:
  1. Login as Admin.
  2. Go to Leave Requests.
  3. Select "Reject" and add comment.
* Expected Result: Status = "Rejected"; employee notified with reason.

9. Editable Employee Forms

TC\_EDIT\_001: Edit Employee Profile

* Steps:
  1. Login as Admin.
  2. Navigate to Employee Directory → Select Employee.
  3. Edit fields (e.g., phone, department).
* Expected Result: Fields are updated and audit log is created.

10. Data Integrity & Error Checking

TC\_VALID\_001: Duplicate Email Detection

* Steps:
  1. Admin adds a new employee with an existing email.
* Expected Result: Error "Email already exists."

TC\_VALID\_002: Required Field Validation

* Steps:
  1. Try to submit employee form with missing required fields.
* Expected Result: Form shows validation errors.

11. View or Download Payslip

TC\_HR\_EMP\_001: Employee views or download their payslip

* Steps:
  1. Login as employee
  2. Navigates to thr ‘Payslip’ section
  3. Selects a specific month
  4. Choose to view or download pdf
* Expected results: payslip document is securely loaded or downloaded