6. Use Case : Holidays Calendar

Prepared By: Kamithkar Vinod

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6.1 Use Case 1: Employee Login

Use Case ID	UC01
Actor	Employee
Description	Employee logs into the system using username and password.
Preconditions	Employee credentials must exist in the system.
Postconditions	Employee is authenticated and redirected to the user profile.
Normal Flow	1. Employee enters username and password. 2. System authenticates the user. 3. Employee is redirected to the user profile. 4. Employee can view personal details and holiday calendar.
Alternate Flow	1. Employee enters incorrect credentials. 2. System shows an error message.

6.2 Use Case 2: View Holiday Calendar

Use Case ID	UC02
Actor	Employee
Description	Employee views the holiday calendar and can filter holidays by year.

Use Case ID   **UC02**

Preconditions Employee must be logged in. Holiday data must be available.

Postconditions Employee views the holiday calendar sorted by date.

Normal Flow
1. Employee logs in.
2. Employee selects the year for the holiday calendar.
3. The system displays holidays for the selected year, sorted by date.
4. Employee can navigate to other sections like User Profile, Personal Details, etc.

6.3 Use Case 3: Logout

Use Case ID   **UC03**

Actor   Employee

Description   Employee logs out of the system.

Preconditions Employee must be logged in.

Postconditions Employee is logged out and redirected to the login page.

Normal Flow
1. Employee clicks on the "Logout" button.
2. System logs the user out.
3. Employee is redirected to the login page.

Alternate Flow None.

6.4 Use Case 4: Admin Manages Holiday Calendar

Use Case ID	**UC04**
Actor	Admin
Description	Admin adds, edits, or deletes holidays in the system.
Preconditions	Admin must be logged in to the Django admin panel.
Postconditions	The holiday calendar is updated and visible to employees after login.
Normal Flow	1. Admin logs in to the Django admin panel. 2. Admin navigates to the Holiday section. 3. Admin adds, edits, or deletes holiday data. 4. The system updates the holiday calendar accordingly.
Alternate Flow	None.

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7. Exceptions

1. If an employee tries to log in with incorrect credentials, the system will display an error message.

2. If no holidays are available for the selected year, the system will display a message indicating that no holidays are available.

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8. User Interface

1. **Login Page**:

   o A login form where the employee can enter their username and password.

   o A "Remember Me" option to save the login credentials for future sessions.

   o On successful login, the employee is redirected to their dashboard.

2. **Dashboard**:

   o Left-side navigation panel with links to the employee's user profile, personal details, account details, work experience, and a download option for their profile.

   o Main content area with a holiday calendar, which displays holidays in a table with serial number, date, day, and holiday name.

3. **Holiday Calendar**:

   o A filter to select the year for the holiday calendar.

- Holidays are listed in ascending order of date with columns for serial number, date, day, and holiday name.