

## Use cases

<https://cerebrumhubstudents.atlassian.net/wiki/spaces/TCCP/pages/359497803>

## Application

<https://apps.fliplet.com/cerebrum-hub-my-directory-v-4-0-3-fglxrqzz/home-rcrs>

User Name	Password
7_user@email.com	user
8_admin@ebay.com	admin

## 1.Login functionality (as user and as administrator)

Test case ID	001 Pos_Log in with CORRECT credentials
Description	Make sure that it is possible to login with correct credentials
Precondition	
Test data	Correct username and password
Test steps	<ol style="list-style-type: none"><li>1. Open login page</li><li>2. Enter <b>correct username</b> in username field</li><li>3. Enter <b>correct password</b> in password field</li><li>4. Click the <b>Login</b> button</li></ol>
Expected result	User is logged in , no error message is shown

Test case ID	002 Neg_Login with INVALID PASSWORD
Description	Verify login fails when a valid username is used with an invalid password
Precondition	The user must be registered with a valid username (e.g., user@example.com) and a known password.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Open the login page.</li> <li>2. Enter the <b>valid username</b> (e.g., user@example.com) in the username field.</li> <li>3. Enter an <b>invalid password</b> in the password field (e.g., "wrongpass123").</li> <li>4. Click the <b>Login</b> button</li> </ol>
Expected result	<ul style="list-style-type: none"> <li>• The system should not allow the user to log in.</li> <li>• An appropriate error message such as "<b>Invalid username or password</b>" should be displayed.</li> <li>• The user should remain on the login page.</li> </ul>

Test case ID	003 Neg_Login with INVALID USERNAME
Description	Verify login fails when a Invalid username is used with an valid password
Precondition	The user must be registered with a valid username (e.g., user@example.com) and a known password.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Open the login page.</li> <li>2. Enter the <b>invalid username</b> (e.g., user@example) in the username field.</li> <li>3. Enter a valid <b>password</b> in the password field (e.g., "wrongpass123").</li> </ol>

	4. Click the <b>Login</b> button
Expected result	<ul style="list-style-type: none"> <li>• The system should not allow the user to log in.</li> <li>• An appropriate error message such as “<b>Invalid username or password</b>” should be displayed.</li> <li>• The user should remain on the login page.</li> </ul>

## 2.User profile management

<b>Test case ID</b>	<b>004 Pos_User profile Viewing</b>
Description	Verify that the user can successfully view their profile information.
Precondition	User is logged in.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Navigate to the user profile page.</li> <li>2. Verify that the user's profile details (name, email, phone number, address, etc.) are displayed correctly.</li> </ol>
Expected result	<ul style="list-style-type: none"> <li>• The profile information should be displayed accurately and completely without errors.</li> </ul>

<b>Test case ID</b>	<b>005 Pos_User profile Editing and Saving</b>
Description	Verify that the user can successfully update their profile information and save the result.
Precondition	User is logged in and all mandatory fields are filled
Test data	

Test steps	<ol style="list-style-type: none"> <li>1. Navigate to the profile icon.</li> <li>2. Enter the correct values to the fields Title, First name, Telephone, Skills...</li> <li>3. Click the <b>Save</b> button.</li> <li>4. Verify that the profile information is updated.</li> </ol>
Expected result	<ul style="list-style-type: none"> <li>• The profile information should be updated, and the changes should be reflected in the user profile.</li> </ul>

Test case ID	006 Pos_Create new profile
Description	Verify that the Administrator can create a new User profile.
Precondition	User is logged in as <b>Administrator</b> .
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Navigate to “Plus” button</li> <li>2. Enter Create profile menu</li> <li>3. Enter the correct values to the fields Title, First name, Telephone, Skills...</li> <li>4. Click the <b>Submit</b> button.</li> <li>5. Navigate to the user profile again and check the values of the fields.</li> <li>6.</li> </ol>
Expected result	<ul style="list-style-type: none"> <li>• All the fields are filled correctly.</li> <li>• The data was saved and the system has shown the success message.</li> <li>• Created data are present in the fields ...</li> </ul>

Test case ID	007 Pos_Profile Picture Upload
Description	Verify that the user can successfully upload a profile picture.
Precondition	User logged in
Test data	Picture 100x100 pixels png and jpeg format.
Test steps	<ol style="list-style-type: none"> <li>1. Navigate to the profile icon.</li> <li>2. Click on the <b>Upload Profile Picture</b> button.</li> <li>3. Select a valid image file (JPEG, PNG) from the device.</li> <li>4. Upload the image.</li> <li>5. Verify that the profile picture is updated.</li> </ol>
Expected result	<ul style="list-style-type: none"> <li>• The profile picture should be updated and displayed correctly.</li> </ul>

Test case ID	008 Neg_Invalid Email Format
Description	Verify that the system shows an error when an invalid email format is entered.
Precondition	User is logged in.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Navigate to the profile icon.</li> <li>2. Enter an invalid email address (e.g., "user@example.com") in the email field.</li> <li>3. Click the <b>Submit</b> button.</li> </ol>
Expected result	<ul style="list-style-type: none"> <li>• The system should display an error message such as “<b>Please enter a valid email address</b>” and prevent the profile from being saved.</li> </ul>

Test case ID	009 Neg_Empty Required Fields
Description	Verify that the system does not allow saving the profile with empty required fields.
Precondition	User is logged in.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Navigate to the profile icon</li> <li>2. Clear the Name and Email fields.</li> <li>3. Click the <b>Submit</b> button.</li> </ol>
Expected result	<ul style="list-style-type: none"> <li>• The system should display an error message like “<b>Name and Email are required fields</b>”, and the profile should not be saved.</li> </ul>

Test case ID	010 Neg_Invalid File Format and Size Profile Picture
Description	Verify that the system does not allow uploading an invalid file format and size for the profile picture.
Precondition	User is logged in.
Test data	Picture 100x100 px.in .bmp format , Picture 120x120 px. In .bmp , .jpeg , .png format
Test steps	<ol style="list-style-type: none"> <li>1. Navigate to the profile icon</li> <li>2. Click on the <b>Upload Profile Picture</b> button.</li> <li>3. Try to upload an invalid file format (e.g., a bmp file or a non-image format).</li> <li>4. Click <b>Submit</b> button</li> </ol>
Expected result	

Test case ID	011 Neg_Unauthorized Profile Access
Description	Verify that unauthorized users cannot access or edit another user's profile.
Precondition	User A is logged in.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. User A attempts to access User B's profile URL directly by modifying the URL.</li> <li>2. Observe if access is granted.</li> </ol>
Expected result	<ul style="list-style-type: none"> <li>• The system should deny access to User B's profile and redirect to an error page or display a message like <b>"You are not authorized to access this page"</b>.</li> </ul>

### 3.Directory module functionalities

Test case ID	012 Pos_Valid Single Filter
Description	Verify filtering results based on a valid single criterion.
Precondition	<p>User is logged in</p> <p>The system contains a list of items that can be filtered (e.g., Department, Country, Title).</p>
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Navigate to the Directory icon</li> <li>2. Click the Directory icon</li> <li>3. Select one valid filter option (e.g., filter by "Country: Estonia").</li> <li>4. Click Apply button</li> </ol>
Expected result	<ul style="list-style-type: none"> <li>• The system should display only the items that match the selected filter criterion.</li> </ul>

Test case ID	013 Pos_Valid Multiple Filters
Description	Verify filtering results based on multiple valid criteria.
Precondition	User is logged in The system contains a list of items that can be filtered (e.g., Department, Country, Title).
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Navigate to the Directory icon</li> <li>2. Click the Directory icon</li> <li>3. Select valid filters across multiple criteria (e.g., Department, Country, Title).</li> <li>4. Click on the <b>Apply</b> button.</li> </ol>
Expected result	<ul style="list-style-type: none"> <li>• The system should display items that match all the selected filter criteria.</li> </ul>

Test case ID	014 Pos_Reset Filter
Description	Verify the reset filter functionality works as expected.
Precondition	User is logged in The user has applied one or more filters.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Apply any filter(s) on the list.</li> <li>2. Click on the <b>Clear Filter</b> button.</li> </ol>
Expected result	<ul style="list-style-type: none"> <li>• The system should remove all applied filters and display the full, unfiltered list of items.</li> </ul>



Test case ID	015 Neg_Invalid filter
Description	Verify no results are displayed for an invalid filter combination.
Precondition	User is logged in The system contains items that can be filtered.
Test data	
Test steps	1. Select filter options that don't have any matching items (e.g Accounting and Eesti)
Expected result	<ul style="list-style-type: none"> <li>The system should display a message like <b>"No items found"</b>, and no results should be displayed.</li> </ul>

Test case ID	016 Pos_Add to Favorite Successful
Description	Verify that the Person is successfully added to the favorites list when the "Add to Favorite" button is clicked.
Precondition	User is logged in
Test data	
Test steps	1. Navigate to the Any Person card 2. Click <b>Add to favorite</b> button
Expected result	<ul style="list-style-type: none"> <li>The person card should be added to the favorites list, the icon should change color to blue and a confirmation message like <b>"Item added to favorites"</b> should appear.</li> </ul>

Test case ID	017 Pos_Add to Favorite Updated
Description	Verify that the favorites list is updated after adding an item to favorites.
Precondition	User is logged in and the favorites list is available.

Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Navigate to the Any Person card</li> <li>2. Add a person to the favorites list by clicking the <b>"Add to Favorite"</b> button.</li> <li>3. Navigate to the <b>Favorites</b> page or section.</li> </ol>
Expected result	<ul style="list-style-type: none"> <li>• The newly added item should appear in the favorites list.</li> </ul>

Test case ID	<b>018 Pos_Add to Favorite Toggle Add and Remove</b>
Description	Verify that the "Add to Favorite" button toggles between adding and removing an item from the favorites list.
Precondition	User is logged in and the item is not currently in the favorites list.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Navigate to the Any Person card</li> <li>2. Add a person to the favorites list by clicking the <b>"Add to Favorite"</b> button.</li> <li>3. Verify the person card is added to favorites.</li> <li>4. Click the button again (which should change to <b>"Remove from Favorite"</b> or similar).</li> <li>5. Verify the person card is removed from favorites.</li> </ol>
Expected result	<ul style="list-style-type: none"> <li>• The button should toggle between "Add to Favorite" and "Remove from Favorite" based on whether the item is in the favorites list or not.</li> </ul>

## 4. Logout

Test case ID	<b>019 Pos_Logout Successful</b>
Description	Verify that the user is successfully logged out when the "Logout" button is clicked.

Precondition	User is logged in.
Test data	
Test steps	1. Click the <b>"Logout"</b> button.
Expected result	<ul style="list-style-type: none"> <li>The user should be redirected to the login or home page, and the session should be terminated. The user should not have access to any authenticated pages after logging out.</li> </ul>

<b>Test case ID</b>	<b>020 Pos_Loguot Session Expiration After Logout</b>
Description	Verify that the user session is terminated after logging out.
Precondition	User is logged in.
Test data	
Test steps	<ol style="list-style-type: none"> <li>Click the <b>"Logout"</b> button.</li> <li>Attempt to perform actions that require an active session (e.g., refresh the page or access an authenticated page).</li> </ol>
Expected result	<ul style="list-style-type: none"> <li>The session should expire, and the user should be redirected to the login page.</li> </ul>

<b>Test case ID</b>	<b>021 Neg_Loguot Back Button After Logout</b>
Description	Verify that using the browser's back button does not restore the session after logout.
Precondition	User is logged in.
Test data	
Test steps	<ol style="list-style-type: none"> <li>Click the <b>"Logout"</b> button.</li> <li>Use the browser's back button to navigate to a previously visited</li> </ol>

	authenticated page.
Expected result	<ul style="list-style-type: none"> <li>The system should redirect the user to the login page or display a message like <b>"Your session has expired"</b>, ensuring the session is not restored.</li> </ul>

Test case ID	022 Neg_Loguot During Network Failure
Description	Verify the system's behavior when attempting to log out during a network failure.
Precondition	User is logged in and there is a simulated network issue.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Simulate a network failure.</li> <li>2. Attempt to click the <b>"Logout"</b> button.</li> </ol>
Expected result	<ul style="list-style-type: none"> <li>The system should display an error message like <b>"Network error. Please try again."</b> and should not log the user out until the network issue is resolved.</li> </ul>

## 5.New employee self-registration process

Test case ID	023 Pos_Successeful Registration
Description	Verify that the user can successfully register with only mandatory information.
Precondition	The user is on the registration page.
Test data	

Test steps	<ol style="list-style-type: none"> <li>1. Click on the "Register here" link.</li> <li>2. Enter a valid first name (e.g., <b>john</b>).</li> <li>3. Enter a valid last name(e.g., <b>doe</b>).</li> <li>4. Enter a valid email address (e.g., <b>john.doe@example.com</b>).</li> <li>5. Enter a valid password (e.g., <b>Password@123</b>).</li> <li>6. Confirm password (e.g., <b>Password@123</b>).</li> <li>7. Click on the <b>"Register"</b> or <b>"Submit"</b> button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The Registration page is open.</li> <li>2. First name field can be filled.</li> <li>3. Last name field can be filled.</li> <li>4. Email field can be filled.</li> <li>5. Password field can be filled.</li> <li>6. Confirm password field can be filled.</li> <li>7. The system should create an account, display a success message (e.g., <b>"Registration successful"</b>), and redirect the user to the login page or home page.</li> </ol>

Test case ID	024 Neg_Invalid email format
Description	Verify that the system does not accept invalid email formats.
Precondition	User is on the registration page.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Click on the "Register here" link.</li> <li>2. Enter a valid first name (e.g., <b>john</b>).</li> <li>3. Enter a valid last name(e.g., <b>doe</b>).</li> <li>4. Enter an invalid email address (e.g., <b>user@.com</b> or <b>user@com</b>) in the email field.</li> <li>5. Enter a valid password (e.g., <b>Password@123</b>).</li> <li>6. Confirm password (e.g., <b>Password@123</b>).</li> </ol>

	7. Attempt to submit the form.
Expected result	<ol style="list-style-type: none"> <li>1. The Registration page is open.</li> <li>2. First name field can be filled.</li> <li>3. Last name field can be filled.</li> <li>4. Email field can be filled.</li> <li>5. Password field can be filled.</li> <li>6. Confirm password field can be filled.</li> <li>7. The system should display an error message like <b>"The input is not a valid email address."</b>.</li> </ol>

Test case ID	025 Neg_Password Mismatch
Description	Verify that the system does not allow registration if the password and confirm password do not match.
Precondition	User is on the registration page.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Click on the "Register here" link.</li> <li>2. Enter a valid first name (e.g., <b>john</b>).</li> <li>3. Enter a valid last name (e.g., <b>doe</b>).</li> <li>4. Enter a valid email address (e.g., <b>john.doe@example.com</b>).</li> <li>5. Enter a valid password (e.g., <b>Password@123</b>).</li> <li>6. Confirm with incorrect password (e.g., <b>Password@12</b>).</li> <li>7. Click on the <b>"Register"</b> or <b>"Submit"</b> button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The Registration page is open.</li> <li>2. First name field can be filled.</li> <li>3. Last name field can be filled.</li> <li>4. Email field can be filled.</li> <li>5. Password field can be filled.</li> <li>6. Confirm password field can be filled.</li> </ol>

	7. The system should display an error message like <b>"Passwords do not match"</b> .
--	--

Test case ID	026 Neg_Blank Fields
Description	Verify that the system does not allow registration if mandatory fields are left blank.
Precondition	User is on the registration page.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Click on the "Register here" link.</li> <li>2. Enter a valid first name (e.g., <a href="#">john</a>).</li> <li>3. Leave the last name field blank.</li> <li>4. Enter a valid email address (e.g., <a href="#">john.doe@example.com</a>).</li> <li>5. Enter a valid password (e.g., <a href="#">Password@123</a>).</li> <li>6. Confirm password (e.g., <a href="#">Password@123</a>).</li> <li>7. Click on the <b>"Register"</b> or <b>"Submit"</b> button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The Registration page is open.</li> <li>2. First name field can be filled.</li> <li>3. Last name field can be filled.</li> <li>4. Email field can be filled.</li> <li>5. Password field can be filled.</li> <li>6. Confirm password field can be filled.</li> <li>7. The system should display an error message like <b>"Please fill in all required fields"</b> and highlight the blank fields.</li> </ol>

Test case ID	027 Pos_ValidPassword
Description	Verify that a password meeting all requirements is accepted.
Precondition	User is on the registration page.

Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Click on the "Register here" link.</li> <li>2. Enter a valid first name (e.g., <b>john</b>).</li> <li>3. Enter a valid last name(e.g., <b>doe</b>).</li> <li>4. Enter a valid email address (e.g., <a href="mailto:john.doe@example.com">john.doe@example.com</a>).</li> <li>5. Enter a password that is at least 8 characters long, contains at least 1 uppercase letter, 1 lowercase letter, 1 number, and 1 symbol (e.g., <b>Password@123</b>).</li> <li>6. Confirm password (e.g., <b>Password@123</b>).</li> <li>7. Click on the <b>"Register"</b> or <b>"Submit"</b> button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The Registration page is open.</li> <li>2. First name field can be filled.</li> <li>3. Last name field can be filled.</li> <li>4. Email field can be filled.</li> <li>5. Password field can be filled.</li> <li>6. Confirm password field can be filled.</li> <li>7. The system should accept the password and allow the user to proceed.</li> </ol>

Test case ID	<b>028 Neg_Password too short</b>
Description	Verify that the system does not accept passwords shorter than 8 characters.
Precondition	User is on the registration page.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Click on the "Register here" link.</li> <li>2. Enter a valid first name (e.g., <b>john</b>).</li> <li>3. Enter a valid last name(e.g., <b>doe</b>).</li> <li>4. Enter a valid email address (e.g., <a href="mailto:john.doe@example.com">john.doe@example.com</a>).</li> </ol>



	<ol style="list-style-type: none"> <li>5. Enter a password with fewer than 8 characters (e.g., Pwd@1).</li> <li>6. Confirm password (e.g., Pwd@1).</li> <li>7. Click on the <b>"Register"</b> or <b>"Submit"</b> button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The Registration page is open.</li> <li>2. First name field can be filled.</li> <li>3. Last name field can be filled.</li> <li>4. Email field can be filled.</li> <li>5. Password field can be filled.</li> <li>6. Confirm password field can be filled.</li> <li>7. The system should display an error message like <b>"Password must be at least 8 characters long"</b> and should not allow the user to proceed.</li> </ol>

Test case ID	029 Neg_Password No Uppercase
Description	Verify that the system does not accept passwords without an uppercase letter.
Precondition	User is on the registration page.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Click on the "Register here" link.</li> <li>2. Enter a valid first name (e.g., john).</li> <li>3. Enter a valid last name(e.g., doe).</li> <li>4. Enter a valid email address (e.g., john.doe@example.com).</li> <li>5. Enter a password without any uppercase letters (e.g., password@123).</li> <li>6. Confirm password (e.g., password@123).</li> <li>7. Click on the <b>"Register"</b> or <b>"Submit"</b> button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The Registration page is open.</li> <li>2. First name field can be filled.</li> </ol>

	<ol style="list-style-type: none"> <li>3. Last name field can be filled.</li> <li>4. Email field can be filled.</li> <li>5. Password field can be filled.</li> <li>6. Confirm password field can be filled.</li> <li>7. The system should display an error message like <b>"Password must contain at least one uppercase character"</b>.</li> </ol>
--	---

Test case ID	030 Neg_Password No Lowercase
Description	Verify that the system does not accept passwords without a lowercase letter.
Precondition	User is on the registration page.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Click on the "Register here" link.</li> <li>2. Enter a valid first name (e.g., <b>john</b>).</li> <li>3. Enter a valid last name(e.g., <b>doe</b>).</li> <li>4. Enter a password without any lowercase letters (e.g., <b>PASSWORD@123</b>).</li> <li>5. Enter a valid password (e.g., <b>PASSWORD@123</b>).</li> <li>6. Confirm the password correctly.</li> <li>7. Click on the <b>"Register"</b> or <b>"Submit"</b> button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The Registration page is open.</li> <li>2. First name field can be filled.</li> <li>3. Last name field can be filled.</li> <li>4. Email field can be filled.</li> <li>5. Password field can be filled.</li> <li>6. Confirm password field can be filled.</li> <li>7. The system should display an error message like <b>"Password must contain at least one lowercase character"</b>.</li> </ol>

Test case ID	031 Neg_Password no Number
Description	Verify that the system does not accept passwords without a number.
Precondition	User is on the registration page.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Click on the "Register here" link.</li> <li>2. Enter a valid first name (e.g., john).</li> <li>3. Enter a valid last name(e.g., doe).</li> <li>4. Enter a password without any numbers (e.g., Password@).</li> <li>5. Enter a valid password (e.g., Password@).</li> <li>6. Confirm the password correctly.</li> <li>7. Click on the "Register" or "Submit" button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The Registration page is open.</li> <li>2. First name field can be filled.</li> <li>3. Last name field can be filled.</li> <li>4. Email field can be filled.</li> <li>5. Password field can be filled.</li> <li>6. Confirm password field can be filled.</li> <li>7. The system should display an error message like <b>"Password must contain at least one number"</b>.</li> </ol>

Test case ID	032 Neg_Password No Symbol
Description	Verify that the system does not accept passwords without a symbol.
Precondition	User is on the registration page.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Click on the "Register here" link.</li> <li>2. Enter a valid first name (e.g., john).</li> <li>3. Enter a valid last name(e.g., doe).</li> </ol>

	<ol style="list-style-type: none"> <li>Enter a valid email address (e.g., <a href="mailto:john.doe@example.com">john.doe@example.com</a>).</li> <li>Enter a valid password (e.g., <b>Password123</b>).</li> <li>Confirm the password correctly(e.g., <b>Password123</b>).</li> <li>Click on the <b>"Register"</b> or <b>"Submit"</b> button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>The Registration page is open.</li> <li>First name field can be filled.</li> <li>Last name field can be filled.</li> <li>Email field can be filled.</li> <li>Password field can be filled.</li> <li>Confirm password field can be filled.</li> <li>The system should display an error message like <b>"Password must contain at least one symbol"</b>.</li> </ol>

Test case ID	<b>033 Password Boundary Min Length</b>
Description	Verify that the system accepts passwords that are exactly 8 characters long and meet all other requirements.
Precondition	User is on the registration page.
Test data	
Test steps	<ol style="list-style-type: none"> <li>Click on the "Register here" link.</li> <li>Enter a valid first name (e.g., <b>john</b>).</li> <li>Enter a valid last name(e.g., <b>doe</b>).</li> <li>Enter a valid email address (e.g., <a href="mailto:john.doe@example.com">john.doe@example.com</a>).</li> <li>Enter a password that is exactly 8 characters long, with all other requirements met (e.g., <b>P@ss1rd</b>).</li> <li>Confirm the password correctly (e.g., <b>P@ss1rd</b>).</li> <li>Click on the <b>"Register"</b> or <b>"Submit"</b> button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>The Registration page is open.</li> <li>First name field can be filled.</li> </ol>

	<ul style="list-style-type: none"> <li>10. Last name field can be filled.</li> <li>11. Email field can be filled.</li> <li>12. Password field can be filled.</li> <li>13. Confirm password field can be filled.</li> <li>14. The system should accept the password without displaying any errors.</li> </ul>
--	--

Test case ID	034 Password Boundary Max Length
Description	Verify that the system accepts passwords that are at the maximum allowed length (e.g., 50 characters) and meet all requirements.
Precondition	User is on the registration page.
Test data	
Test steps	<ul style="list-style-type: none"> <li>1. Click on the "Register here" link.</li> <li>2. Enter a valid first name (e.g., <b>john</b>).</li> <li>3. Enter a valid last name(e.g., <b>doe</b>).</li> <li>4. Enter a valid email address (e.g., <b>john.doe@example.com</b>).</li> <li>5. Enter a password of the maximum allowed length (e.g., 6. <b>Pass@123456789012345678901234567890123456</b>).</li> <li>6. Confirm the password correctly (e.g., <b>Pass@123456789012345678901234567890123456</b>).</li> <li>7. Click on the <b>"Register"</b> or <b>"Submit"</b> button.</li> </ul>
Expected result	<ul style="list-style-type: none"> <li>1. The Registration page is open.</li> <li>2. First name field can be filled.</li> <li>3. Last name field can be filled.</li> <li>4. Email field can be filled.</li> <li>5. Password field can be filled.</li> <li>6. Confirm password field can be filled.</li> </ul>

	7. The system should accept the password without displaying any errors.
--	---

Test case ID	035 Pos_Profile picture Valid JPG format
Description	Verify that the user can upload a profile picture in <b>JPG format</b> within the allowed size and dimensions.
Precondition	User is on the registration page.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Click on the "Register here" link.</li> <li>2. Fill out all mandatory fields in the registration form with valid data (e.g., name, email, password, etc.).</li> <li>3. Select a <b>JPG file</b> with dimensions within <b>1200x1200px</b> (e.g., <b>800x800px</b>) and a valid file size.</li> <li>4. Click "Open"</li> <li>5. Click on the <b>"Register"</b> or <b>"Submit"</b> button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The Registration page is open.</li> <li>2. All mandatory fields are filled</li> <li>3. <b>JPG file</b> with dimensions within <b>1200x1200px</b> (e.g., <b>800x800px</b>) and a valid file size is selected.</li> <li>4. Image displayed in Profile photo field.</li> <li>5. The system should successfully upload the profile picture and display a confirmation message.</li> </ol>

Test case ID	036 Pos_Profile Picture Valid NPG format
Description	Verify that the user can upload a profile picture in <b>PNG format</b> within the allowed size and dimensions.
Precondition	User is on the registration page.

Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Click on the "Register here" link.</li> <li>2. Fill out all mandatory fields in the registration form with valid data (e.g., name, email, password, etc.).</li> <li>3. Select a <b>JPG file</b> with dimensions within <b>1200x1200px</b> (e.g., <b>600x600px</b>) and a valid file size.</li> <li>4. Click "Open"</li> <li>5. Click on the <b>"Register"</b> or <b>"Submit"</b> button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The Registration page is open.</li> <li>2. All mandatory fields are filled</li> <li>3. <b>PNG file</b> with dimensions within <b>1200x1200px</b> (e.g., <b>600x600px</b>) and a valid file size is selected.</li> <li>4. Image displayed in Profile photo field.</li> <li>5. The system should successfully upload the profile picture and display a confirmation message.</li> </ol>

Test case ID	<b>037 Neg_Profile picture Invalid file format</b>
Description	Verify that the system does not accept files in unsupported formats (e.g., GIF, BMP, etc.).
Precondition	User is on the registration page.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Click on the "Register here" link.</li> <li>2. Fill out all mandatory fields in the registration form with valid data (e.g., name, email, password, etc.).</li> <li>3. Select a file in an unsupported format (e.g., <b>GIF</b> or <b>BMP</b>).</li> <li>4. Click "Open"</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The Registration page is open.</li> <li>2. All mandatory fields are filled</li> </ol>

	<ol style="list-style-type: none"> <li>Unsupported file format selected</li> <li>The system should display an error message like <b>"Invalid file format. Please upload a JPG or PNG file."</b> and reject the upload.</li> </ol>
--	---

Test case ID	038 Neg_Profile picture Exceeds Max Dimensions
Description	Verify that the system does not accept images with dimensions greater than <b>1200x1200px</b> .
Precondition	User is on the registration page.
Test data	
Test steps	<ol style="list-style-type: none"> <li>Click on the "Register here" link.</li> <li>Fill out all mandatory fields in the registration form with valid data (e.g., name, email, password, etc.).</li> <li>Select an image with dimensions exceeding <b>1200x1200px</b> (e.g., <b>1500x1500px</b>).</li> <li>Click "Open"</li> <li>Click on the <b>"Register"</b> or <b>"Submit"</b> button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>The Registration page is open.</li> <li>All mandatory fields are filled</li> <li>An Image with dimensions exceeding <b>1200x1200px</b> (e.g., <b>1500x1500px</b>) is selected.</li> <li>Image displayed in Profile photo field.</li> <li>The system should display an error message like <b>"Image dimensions should not exceed 1200x1200px."</b> and reject the upload.</li> </ol>

Test case ID	039 Pos_Enable App notifications
Description	Verify that the user can enable app notifications.



Precondition	User is on the registration page.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Click on the "Register here" link.</li> <li>2. Fill out all mandatory fields in the registration form with valid data (e.g., name, email, password, etc.).</li> <li>3. Select the option <b>"Enable App Notifications"</b>.</li> <li>4. Click on the <b>"Register"</b> or <b>"Submit"</b> button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The Registration page is open.</li> <li>2. All mandatory fields are filled</li> <li>3. <b>"Enable App Notifications"</b> checkbox can be selected</li> <li>4. The system should save the user's preference and display a success message like <b>"Notification preferences updated successfully."</b> The app notifications should be enabled for the user.</li> </ol>

Test case ID	040 Pos_Enable Email notifications
Description	Verify that the user can enable email notifications.
Precondition	User is on the registration page.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Click on the "Register here" link.</li> <li>2. Fill out all mandatory fields in the registration form with valid data (e.g., name, email, password, etc.).</li> <li>3. Select the option <b>"Enable Email Notifications"</b>.</li> <li>4. Click on the <b>"Register"</b> or <b>"Submit"</b> button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The Registration page is open.</li> <li>2. All mandatory fields are filled</li> <li>3. <b>"Enable Email Notifications"</b> checkbox can be selected</li> <li>4. The system should save the user's preference and display a</li> </ol>

	success message like <b>"Notification preferences updated successfully."</b> The app notifications should be enabled for the user.
--	--

Test case ID	041 Pos_Enable Email and App notifications
Description	Verify that the user can enable email notifications.
Precondition	User is on the registration page.
Test data	
Test steps	<ol style="list-style-type: none"> <li>Click on the "Register here" link.</li> <li>Fill out all mandatory fields in the registration form with valid data (e.g., name, email, password, etc.).</li> <li>Select the option <b>"Enable Email Notifications"</b> and <b>"Enable App Notifications"</b>.</li> <li>Click on the <b>"Register"</b> or <b>"Submit"</b> button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>The Registration page is open.</li> <li>All mandatory fields are filled</li> <li><b>"Enable Email Notifications"</b> and <b>"Enable App Notifications"</b> checkbox can be selected</li> <li>The system should save the user's preference and display a success message like <b>"Notification preferences updated successfully."</b> Both types of notifications should be enabled for the user.</li> </ol>

Test case ID	042 Pos_Disable notifications
Description	Verify that the user can disable all notifications.
Precondition	User is on the registration page.
Test data	

Test steps	<ol style="list-style-type: none"> <li>1. Click on the "Register here" link.</li> <li>2. Fill out all mandatory fields in the registration form with valid data (e.g., name, email, password, etc.).</li> <li>3. Deselect both options: <b>"Enable App Notifications"</b> and <b>"Enable Email Notifications"</b>.</li> <li>4. Click on the <b>"Register"</b> or <b>"Submit"</b> button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The Registration page is open.</li> <li>2. All mandatory fields are filled</li> <li>3. <b>"Enable Email Notifications"</b> and <b>"Enable App Notifications"</b> checkbox can be selected</li> <li>4. The system should save the user's preferences and display a success message. Notifications should be disabled for the user.</li> </ol>

Test case ID	<b>043 Pos_Registration Saved to Submissions</b>
Description	Verify that a new user is saved to the <b>"Registration submissions"</b> after submitting a valid registration form.
Precondition	User is on the registration page.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Click on the "Register here" link.</li> <li>2. Fill out all mandatory fields in the registration form with valid data (e.g., name, email, password, etc.).</li> <li>3. Click on the <b>"Register"</b> or <b>"Submit"</b> button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The Registration page is open.</li> <li>2. All mandatory fields are filled</li> <li>3. The system should save the user's data to the <b>"Registration submissions"</b> table or database, and a success message like <b>"Thank you for submitting the form! The administrator will notify you when your account will be activated."</b> should be displayed. The user's data should be visible in the <b>"Registration</b></li> </ol>

	<p><b>submissions"</b> record.</p> <p>4.</p>
--	--

Test case ID	044 Pos_Aditional Info Fields
Description	Verify that the user can enter and save all optional fields (Title in the company, Department, Office, State and Region, Country, and Telephone number).
Precondition	User is on the registration page.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Click on the "Register here" link.</li> <li>2. Fill out all mandatory fields in the registration form with valid data (e.g., name, email, password, etc.).</li> <li>3. <b>Title in the Company:</b> Enter a valid title, e.g., <b>"Senior Software Engineer"</b>.</li> <li>4. <b>Department:</b> Enter a valid department name, e.g., <b>"Marketing"</b>.</li> <li>5. <b>Office:</b> Enter a valid office name, e.g., <b>"Main Headquarters"</b>.</li> <li>6. <b>State and Region:</b> Enter a valid state or region, e.g., <b>"California"</b>.</li> <li>7. <b>Country:</b> Enter a valid country name, e.g., <b>"United States"</b>.</li> <li>8. <b>Telephone Number:</b> Enter a valid phone number, e.g., <b>" +1-123-456-7890"</b>.</li> <li>9. Click the <b>"Save"</b> or <b>"Update"</b> button to submit the changes.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The Registration page is open.</li> <li>2. All mandatory fields are filled</li> <li>3. <b>Title in the Company:</b> "Senior Software Engineer"</li> <li>4. <b>Department:</b> "Marketing"</li> <li>5. <b>Office:</b> "Main Headquarters"</li> <li>6. <b>State and Region:</b> "California"</li> <li>7. <b>Country:</b> "United States"</li> <li>8. <b>Telephone Number:</b> "+1-123-456-7890"</li> <li>9. The saved information should be persistently visible to the user in</li> </ol>

	their profile.
--	----------------

## 6.Password recovery

<b>Test case ID</b>	<b>045 Pos PR Navigate To Password Restore</b>
Description	Verify that the user can initiate the recovery process.
Precondition	User is on the <b>Login</b> page.
Test data	
Test steps	1. Click on the <b>"Forgot your password?"</b> link.
Expected result	1. Link is clickable 2. The user is redirected to the <b>Password Restore</b> screen, displaying a form to enter their email.

<b>Test case ID</b>	<b>046 Neg PR Invalid Email Format</b>
Description	Verify that an error message is displayed if the user enters an invalid email format.
Precondition	User is on the <b>Password Recovery</b> page
Test data	
Test steps	1. Enter an invalid email format (e.g., <b>"user@domain"</b> or <b>"userdomain.com"</b> ). 2. Submit the form.
Expected result	1. Invalid email entered. 2. An error message appears, indicating <b>"Please enter a valid email address."</b>

Test case ID	047 Neg PR Non Existent Email
Description	Verify that an error message is displayed if email does not exist in the system.
Precondition	User is on the <b>Password Recovery</b> page
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Enter a valid email format that is not registered in the system (e.g., "<a href="#">notregistered@domain.com</a>").</li> <li>2. Submit the form.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. Invalid email entered.</li> <li>2. The system displays "<b>The email address could not be found.</b>"</li> </ol>

Test case ID	048 Pos PR Email Sent
Description	Verify that the user can receive an email with verification code after entering a valid, registered email.
Precondition	User is on the <b>Password Recovery</b> page
Test data	User (7_user@email.com), Admin (8_admin@ebay.com)
Test steps	<ol style="list-style-type: none"> <li>1. Enter valid, registered email address.</li> <li>2. Submit the form.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. Valid, registered email entered.</li> <li>2. The user receives an email containing a 6-digit verification code that is valid for 24 hours.</li> </ol>

Test case ID	049 Pos PR Verification Code Format
Description	Verify that the verification code consists of exactly 6 numeric symbols.

Precondition	The user has received the verification email.
Test data	
Test steps	1. Open the email and observe verification code format
Expected result	1. The verification code consists of 6 numeric symbols (e.g., <b>"123456"</b> )

<b>Test case ID</b>	<b>050 Pos PR Resend Verification Code</b>
Description	Verify that the user can resend verification code.
Precondition	The user is on the <b>Verification Code Entry</b> screen after requesting a code.
Test data	
Test steps	1. Click the <b>"Resend Verification Code"</b> link/button.
Expected result	1. Link/button is clickable 2. A new email is sent to the user containing a new 6-digit verification code valid for 24 hours.

<b>Test case ID</b>	<b>051 Neg PR Invalid Verification Code</b>
Description	Verify that an error message appears if an incorrect verification code is entered.
Precondition	The user is on the <b>Verification Code Entry</b> screen with a valid verification code.
Test data	
Test steps	1. Enter the correct verification code received in the email. 2. Submit the code.
Expected result	1. Enter the correct verification code. 2. The user is redirected to the <b>Enter New Password</b> page.

Test case ID	052 Pos PR Correct Verification Code
Description	Verify that the user can proceed to the password entry page after entering the correct verification code.
Precondition	The user is on the <b>Verification Code Entry</b> screen with a valid verification code.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Enter the correct verification code received in the email.</li> <li>2. Submit the code</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. Verification code can be entered.</li> <li>2. The user is redirected to the <b>Enter New Password</b> page.</li> </ol>

Test case ID	053 Pos PR New Password Entry
Description	Verify that the user can enter and save a new password after verification.
Precondition	The user is on the <b>Enter New Password</b> page after successfully verifying their identity.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Enter a new password that meets the password requirements (e.g., <b>at least 8 characters, 1 uppercase, 1 lowercase, 1 number, 1 symbol</b>).</li> <li>2. Confirm the new password (if applicable).</li> <li>3. Click <b>“Save”</b> or <b>“Update”</b>.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. Valid password entered.</li> <li>2. Confirmed password entered (if applicable)</li> <li>3. The new password is saved successfully. The user should see a confirmation message, such as <b>"Your password has been updated."</b></li> </ol>



Test case ID	054 Pos PR Login With New Password
Description	Verify that the user can log in using a new password.
Precondition	The user has successfully reset their password
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Navigate to the <b>Login</b> page.</li> <li>2. Enter the email address and the new password.</li> <li>3. Click "<b>Login</b>"</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. <b>Login</b> page is opened.</li> <li>2. New credentials entered.</li> <li>3. The user logs in successfully with the new password and is redirected to the home or dashboard page.</li> </ol>

## 7.Department Module

Test case ID	055 Pos DP View Department List
Description	Verify that the user can view a list of all departments sorted by name in ascending order.
Precondition	User is authenticated and on the <b>Departments</b> page
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Navigate to <b>Departments</b> page</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. All departments are displayed, sorted alphabetically by name in ascending order.</li> </ol>

Test case ID	056 Pos DP Search by Partial Department Name
--------------	--

Description	Verify that the user can find a department using a partial match in the search.
Precondition	User is on the <b>Departments</b> page.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. In the search bar , enter a partial name (e.g. <b>"finance"</b>)</li> <li>2. Press enter on click the search icon.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. Search information can be entered.</li> <li>2. All departments containing the string "finance" in their names (e.g., <b>"Accounting and Finance"</b>) are displayed.</li> </ol>

<b>Test case ID</b>	<b>057 Pos DP Search by Full Department Name</b>
Description	Verify that the user can find a department using a full match in the search.
Precondition	User is on the <b>Departments</b> page.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. In the search bar , enter a full name (e.g. <b>"Human Resources"</b>)</li> <li>2. Press enter on click the search icon.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. Search information can be entered.</li> <li>2. All departments containing the string "finance" in their names (e.g., <b>"Human Resources"</b>) are displayed.</li> <li>3.</li> </ol>

<b>Test case ID</b>	<b>058 Pos DP Filter By Parent Department</b>
Description	Verify that the user can filter departments by one or multiple parent departments.
Precondition	User is on the <b>Departments</b> page

Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Select one or more parent departments from the <b>Parent Departments</b> filter (e.g., "<b>Human Resources</b>" and "<b>Sales</b>").</li> <li>2. Apply the filter.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. One or multiple departments can be selected.</li> <li>2. The department list updates to show only departments under "<b>Human Resources</b>" and "<b>Sales</b>".</li> </ol>

<b>Test case ID</b>	<b>059 Pos DP Filter By Office Location</b>
Description	Verify that the user can filter departments by office location.
Precondition	User is on the <b>Departments</b> page.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Select <b>Offices</b> dropdown menu</li> <li>2. Select "<b>London</b>" in the <b>Offices</b> filter</li> <li>3. Apply the filter.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. Dropdown menu is working.</li> <li>2. Selection is clickable</li> <li>3. The department list displays only departments associated with the <b>London</b> office.</li> </ol>

<b>Test case ID</b>	<b>060 Pos DP Filter By Contact Person</b>
Description	Verify that the user can filter the department list by contact person associated with departments.
Precondition	User is on the <b>Departments</b> page.
Test data	

Test steps	<ol style="list-style-type: none"> <li>1. Select <b>Contact Name</b> dropdown menu</li> <li>2. Select a <b>Contact Person</b> from the filter options (e.g., "<b>John Doe</b>").</li> <li>3. Apply the filter.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. Dropdown menu is working.</li> <li>2. Selection is clickable</li> <li>3. The department list updates to show departments associated with <b>John Doe</b>.</li> </ol>

Test case ID	<b>061 Pos DP Add Bookmark</b>
Description	Verify that the user can bookmark a department.
Precondition	User is on the <b>Departments</b> page.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Locate a department in the list.</li> <li>2. Click Bookmark icon next to the department</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. Department is selected</li> <li>2. The department is marked as bookmarked, and the <b>Bookmark</b> icon reflects this change.</li> </ol>

Test case ID	<b>062 Pos DP View Bookmark Departments</b>
Description	Verify that the user can view a list of bookmarked departments.
Precondition	User has bookmarked at least one department.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Navigate to the <b>Bookmarked Departments</b> selection icon</li> <li>2. Click on icon</li> </ol>

Expected result	<ol style="list-style-type: none"> <li>1. The <b>Bookmarked Department</b> icon is clickable.</li> <li>2. Only the departments marked as bookmarked are displayed in the list</li> </ol>
-----------------	--

<b>Test case ID</b>	<b>063 Pos DP Filter Bookmarks By Office Location</b>
Description	Verify that the user can filter bookmarked departments by office location.
Precondition	User has bookmarked departments associated with multiple offices (e.g., London and New York).
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Navigate to the <b>Bookmarked Departments</b> section.</li> <li>2. Select "<b>London</b>" in the <b>Office Location</b> filter.</li> <li>3. Apply the filter.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The <b>Bookmarked Department</b> icon is clickable.</li> <li>2. <b>Office Location</b> dropdown menu working as expected.</li> <li>3. Only bookmarked departments associated with <b>London</b> are displayed.</li> </ol>

<b>Test case ID</b>	<b>064 Neg DP Invalid Search</b>
Description	Verify that no results are displayed if an invalid or non-matching search term is entered.
Precondition	User is on the <b>Departments</b> page.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Enter a non-matching term (e.g., "<b>NonExistentDepartment</b>") in the search bar.</li> <li>2. Press enter or click search.</li> </ol>

Expected result	<ol style="list-style-type: none"> <li>1. Data can be entered.</li> <li>2. No results are displayed, and the system shows a message like <b>"No departments found."</b></li> </ol>
-----------------	--

<b>Test case ID</b>	<b>065 Neg DP Unbookmark Department</b>
Description	Verify that a bookmarked department is removed from bookmarks when unbookmarked.
Precondition	User has bookmarked a department.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Navigate to the <b>Bookmarked Departments</b> section.</li> <li>2. Click the <b>Unbookmark</b> icon next to a bookmarked department.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. <b>Bookmarked Departments</b> section is open.</li> <li>2. The department is removed from the <b>Bookmarked Departments</b> list.</li> </ol>

<b>Test case ID</b>	<b>066 Pos DP View Complete Details</b>
Description	Verify that the user can view the detailed information of a department.
Precondition	The user is authenticated and on the <b>Departments</b> page.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Click on a department name from the list.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The user is redirected to a detailed department view page showing complete information for the department, including: <ol style="list-style-type: none"> <li>a. <b>Name</b></li> <li>b. <b>Description</b></li> </ol> </li> </ol>

	<ul style="list-style-type: none"> <li>c. <b>Parent department/group</b> (if applicable)</li> <li>d. <b>List of Key contacts</b></li> <li>e. <b>Contact email</b></li> <li>f. <b>Contact details</b></li> <li>g. <b>Office</b></li> <li>h. <b>Additional documents</b></li> <li>i. <b>Links specific to the department</b></li> <li>j. <b>Key dates (e.g., meeting schedules, milestones)</b></li> </ul>
--	--

<b>Test case ID</b>	<b>067 Pos DP Fields Visibility</b>
Description	Verify that the detailed department page only displays non-empty fields.
Precondition	The department has some fields with no data.
Test data	
Test steps	1. Open the detailed view of a department that has both filled and unfilled fields.
Expected result	1. Only fields with data are displayed, while empty fields are hidden to minimize space.

<b>Test case ID</b>	<b>068 Pos DP Navigate To Employee Details</b>
Description	Verify that the user can navigate to the employee details view by clicking on a key contact.
Precondition	The department has at least one key contact listed.
Test data	

Test steps	<ol style="list-style-type: none"> <li>1. Open the detailed view of a department.</li> <li>2. Click on an employee's name in the <b>List of Key Contacts</b>.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. Detailed view is clickable.</li> <li>2. The user is redirected to the detailed view of the employee.</li> </ol>

<b>Test case ID</b>	<b>069 Neg DP No Key Contacts Navigation</b>
Description	Verify that the user cannot navigate to employee details if no key contacts are listed.
Precondition	The department does not have key contacts.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Open the detailed view of the department.</li> <li>2. Check for the absence of key contacts and any links.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. Detailed view opened .</li> <li>2. No clickable links for employee details are available.</li> </ol>

<b>Test case ID</b>	<b>070 Pos DP Initiate Edit</b>
Description	Verify that the administrator can initiate editing of the department information from its details view.
Precondition	The user is logged in as an administrator and viewing the department's details page.
Test data	Name: 8_admin@ebay.com / Pass: admin
Test steps	<ol style="list-style-type: none"> <li>1. Navigate to the department's details page.</li> <li>2. Click on the <b>Edit</b> button.</li> </ol>



Expected result	<ol style="list-style-type: none"> <li>1. The details page of the selected department is displayed.</li> <li>2. The department editing form is displayed, allowing modifications.</li> </ol>
-----------------	--

<b>Test case ID</b>	<b>071 Pos DP Add Mandatory Name</b>
Description	Verify that the administrator can add or edit the department name.
Precondition	The department editing form is open.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Locate the Name field.</li> <li>2. Enter a valid name (e.g., "Operations Support").</li> <li>3. Click the <b>Save</b> button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The Name field is visible and editable.</li> <li>2. The name is entered without issues.</li> <li>3. The department's name is saved successfully, and a success message appears.</li> </ol>

<b>Test case ID</b>	<b>072 Pos Add Optional Description</b>
Description	Verify that the administrator can add or edit the department description.
Precondition	The department editing form is open.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Locate the <b>Description</b> field.</li> <li>2. Enter text into the field (e.g., "Responsible for strategic planning").</li> <li>3. Click the <b>Save</b> button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The Description field is visible and editable.</li> <li>2. The description is entered without issues.</li> <li>3. The description is saved, and a confirmation message is displayed.</li> </ol>

Test case ID	071.1 DP Add Parent Department
Description	Verify that the administrator can select or change the parent department.
Precondition	The department editing form is open, and the department is a sub-department.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Check the "Is this a sub-department?" checkbox.</li> <li>2. Select a parent department from the dropdown (e.g., "Marketing").</li> <li>3. Click the <b>Save</b> button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The checkbox is checked, enabling the parent department dropdown.</li> <li>2. The selected parent department is displayed in the dropdown.</li> <li>3. The parent department selection is saved and reflected on the department's details page.</li> </ol>

Test case ID	072.1 DP Add Key Contact
Description	Verify that the administrator can add or edit key contacts and their roles.
Precondition	The department editing form is open.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Search for an employee in the Key Contact field (e.g., "John Smith").</li> <li>2. Select the employee and enter a role (e.g., "Chair").</li> <li>3. Repeat for additional contacts if necessary.</li> <li>4. Click the <b>Save</b> button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The employee's name is found and selectable.</li> <li>2. The key contact and role are added.</li> <li>3. Multiple contacts and roles can be added successfully.</li> </ol>

	4. The key contact(s) and roles are saved and visible in the department details.
--	--

<b>Test case ID</b>	<b>073 DP Add contact Email</b>
Description	Verify that the administrator can add or edit the contact email.
Precondition	The department editing form is open.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Locate the Contact Email field.</li> <li>2. Enter a valid email (e.g., "<a href="mailto:group@company.com">group@company.com</a>").</li> <li>3. Click the <b>Save</b> button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The Contact Email field is visible and editable.</li> <li>2. The email is entered without any error.</li> <li>3. The contact email is saved, and a success message appears.</li> </ol>

<b>Test case ID</b>	<b>074 DP Add Contact Details</b>
Description	Verify that the administrator can add or edit contact details.
Precondition	The department editing form is open.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Locate the Contact Details field.</li> <li>2. Enter contact details (e.g., "MS Teams: [Group Link], Slack: [Channel Link]")</li> <li>3. Click the <b>Save</b> button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The Contact Details field is visible and editable.</li> <li>2. The details are entered without issues.</li> <li>3. The contact details are saved and shown in the department's details view.</li> </ol>

<b>Test case ID</b>	<b>075 DP Link Office</b>
Description	Verify that the administrator can link a department to an office.
Precondition	The department editing form is open.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Select an office from the Offices dropdown (e.g., "New York").</li> <li>2. Click the <b>Save</b> button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The selected office is displayed.</li> <li>2. The department is linked to the chosen office and shown in the details view.</li> </ol>

<b>Test case ID</b>	<b>076 DP Upload Documents</b>
Description	Verify that the administrator can upload additional documents.
Precondition	The department editing form is open.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Click the Upload button under the Additional Documents section.</li> <li>2. Select a document file (e.g., PDF).</li> <li>3. Click the <b>Save</b> button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The file selection dialog opens.</li> <li>2. The file is chosen and displayed as ready to upload.</li> <li>3. The document is attached and appears in the department details.</li> </ol>

<b>Test case ID</b>	<b>077 PD Add Links</b>
Description	Verify that the administrator can add or edit additional links.
Precondition	The department editing form is open.
Test data	

Test steps	<ol style="list-style-type: none"> <li>1. Enter links in the Links field (e.g., "Intranet: <a href="https://intranet/group-page">https://intranet/group-page</a>").</li> <li>2. Click the <b>Save</b> button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The links are added without issues.</li> <li>2. The links are saved and displayed in the department details.</li> </ol>

<b>Test case ID</b>	<b>078 Add Key Dates</b>
Description	Verify that the administrator can add or edit key dates.
Precondition	The department editing form is opened.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Enter key dates in the Key Dates field (e.g., "This group meets on the 1st Wednesday of every month").</li> <li>2. Click the <b>Save</b> button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The key dates are entered without issues.</li> <li>2. The key dates are saved and shown in the department details.</li> </ol>

<b>Test case ID</b>	<b>079 DP Save Changes</b>
Description	Verify that all changes are saved and published for the rest of the company.
Precondition	The editing form has valid data entered.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Review the form for all changes made.</li> <li>2. Click the <b>Save</b> button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The form reflects all the modifications.</li> <li>2. All changes are published and visible in the department details for all users. A confirmation message is shown.</li> </ol>

## 8.Events module

Test case ID	080 EM View All Events
Description	Verify that the user can see the list of all added events.
Precondition	User is logged in and authenticated.
Test data	
Test steps	<ol style="list-style-type: none"><li>1. Navigate to the <b>Event</b> page.</li><li>2. Verify that the event details are displayed (Event name, start and end date, type, and manager email).</li><li>3. Check that the list is sorted by start date by default( oldest at the top)</li></ol>
Expected result	<ol style="list-style-type: none"><li>1. The page loads successfully, showing the list of all events.</li><li>2. Each event in the list displays the required details correctly.</li><li>3. Events are sorted by start date in ascending order.</li></ol>

Test case ID	081 EM Sort Event
Description	Verify that the user can sort events by Start date, End date, Event type and Office
Precondition	User is logged in and viewing the list of events.
Test data	
Test steps	<ol style="list-style-type: none"><li>1. Click on the <b>Start Date</b> column header to sort events.</li><li>2. Click on the <b>End Date</b> column header to sort events.</li><li>3. Click on the <b>Event Type</b> column header to sort events.</li><li>4. Click on the <b>Office</b> column header to sort events.</li></ol>
Expected result	<ol style="list-style-type: none"><li>1. Events are sorted by start date in ascending/descending order.</li></ol>

	<ol style="list-style-type: none"> <li>Events are sorted by end date in ascending/descending order.</li> <li>Events are sorted alphabetically by event type.</li> <li>Events are sorted alphabetically by office.</li> </ol>
--	--

<b>Test case ID</b>	<b>082 EM Search Event By Name</b>
Description	Verify that the user can search for an event by name (including partial match)
Precondition	User is logged in and viewing the list of events.
Test data	
Test steps	<ol style="list-style-type: none"> <li>Enter a full or partial event name in the search bar (e.g., "Annual").</li> <li>Clear the search input.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>The system displayed a filtered list of events that match the search criteria.</li> <li>The full list of events is displayed again.</li> </ol>

<b>Test case ID</b>	<b>083 EM Filter Events</b>
Description	Verify that the user can filter events by Type, Office, and Start date.
Precondition	User is logged in and viewing the list of events.
Test data	
Test steps	<ol style="list-style-type: none"> <li>Select an event type from the filter dropdown (e.g., "Conference").</li> <li>Select an office from the filter dropdown (e.g., "New York").</li> <li>Select a start date range (e.g., from "2024-01-01" to "2024-06-01").</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>The system displays only events of the selected type.</li> <li>The system displays only events related to the selected office.</li> <li>The system displays events that fall within the selected start date range.</li> </ol>

<b>Test case ID</b>	<b>084 EM Bookmark Event</b>
Description	Verify that the user can bookmark an event.
Precondition	User is logged in and viewing the list of events.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Locate an event to bookmark and click on the bookmark icon/button.</li> <li>2. Navigate to the "Bookmarked Events" section.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The event is bookmarked, and the icon/button changes to indicate it is bookmarked.</li> <li>2. The bookmarked event is listed there.</li> </ol>

<b>Test case ID</b>	<b>085 EM View Bookmarked Events</b>
Description	Verify that the user can see all bookmarked events
Precondition	User has bookmarked at least one event.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Navigate to the <b>Bookmarked Events</b> section.</li> <li>2. Apply a filter (e.g., by <b>Office</b> or <b>Type</b>) to the bookmarked events.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The user can see all events that have been bookmarked.</li> <li>2. The system filters the bookmarked events according to the selected criteria.</li> </ol>

<b>Test case ID</b>	<b>086 EM View Event Details</b>
Description	Verify that the user can access and view events details from the list of all events.
Precondition	User is logged in and authenticated. The event list is accessible.



Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Navigate to the events list page.</li> <li>2. Click on an event name to view the details.</li> <li>3. Verify that the following data is shown on the event details page: Name, Description, Start date, End date, Link, Type, Office, and Address.</li> <li>4. Check that any field without data is not shown on the details page.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The events list is displayed with all events.</li> <li>2. The user is redirected to the event details page.</li> <li>3. The event details page displays all non-empty fields relevant to the event.</li> <li>4. Empty fields are omitted to reduce space, ensuring the page displays only relevant information.</li> </ol>

<b>Test case ID</b>	<b>087 EM Verify Event Details Content</b>
Description	Verify that all event details are accurate and displayed as expected.
Precondition	User is logged in and accessing a known event with complete data.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Open an event from the events list.</li> <li>2. Verify the displayed event name matches the event selected.</li> <li>3. Check the event description for completeness and accuracy.</li> <li>4. Ensure that the start date and end date are correct.</li> <li>5. Verify the event type, office, and address.</li> <li>6. Check the presence of a link, if applicable, and ensure it redirects correctly.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The event details page opens.</li> <li>2. The event name is accurate and matches the event clicked.</li> <li>3. The description matches the expected event details.</li> </ol>

	<ol style="list-style-type: none"> <li>The dates align with what is stored in the system for that event.</li> <li>These fields display correct data relevant to the event.</li> <li>The link is present (if not empty) and works as expected.</li> </ol>
--	--

<b>Test case ID</b>	<b>088 EM Handle Empty Fields</b>
Description	Verify that empty fields are not displayed in the event details.
Precondition	User is logged in and viewing an event with some missing data (e.g., no address or link).
Test data	
Test steps	<ol style="list-style-type: none"> <li>Select an event that has some fields without data.</li> <li>Verify that fields without data (e.g., empty address) are not shown.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>The event details page opens.</li> <li>The page only displays non-empty fields, ensuring space is used efficiently.</li> </ol>

<b>Test case ID</b>	<b>089 EM Verify Navigation From Event Details</b>
Description	Verify that the user can navigate back to the list of events from the event details page.
Precondition	User is logged in and viewing an event's detailed information.
Test data	
Test steps	<ol style="list-style-type: none"> <li>Navigate to the event details page by clicking an event name.</li> <li>Click the "Back" button or use the browser's back navigation.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>The event details page is displayed.</li> <li>: The user is redirected to the event list page.</li> </ol>

<b>Test case ID</b>	<b>090 EM Add New Event</b>
---------------------	-----------------------------

Description	Verify that the administrator can add a new event from the list of events.
Precondition	Administrator is logged in and on the events list page.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Click the "+" button to add a new event.</li> <li>2. Enter a valid event name in the mandatory name field.</li> <li>3. Enter a description in the optional description field.</li> <li>4. Select a start date using the date picker.</li> <li>5. Select an end date that is later than the start date.</li> <li>6. Enter a link in the optional link field.</li> <li>7. Enter a type in the mandatory type field.</li> <li>8. Select an office from the mandatory list of offices.</li> <li>9. Enter an address in the optional address field.</li> <li>10. Click the "Save" button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The add event form opens.</li> <li>2. The field accepts the input without error.</li> <li>3. The input is accepted.</li> <li>4. The date is chosen and displayed in the field.</li> <li>5. The date is accepted.</li> <li>6. The link is accepted without any error.</li> <li>7. The field accepts the input.</li> <li>8. The office is selected and shown in the field.</li> <li>9. The address is accepted.</li> <li>10. The event is saved, a success message is displayed, and the administrator is redirected to the events list.</li> </ol>

<b>Test case ID</b>	<b>091 EM Validation On Event Form</b>
Description	Verify validation for mandatory fields while adding a new event
Precondition	Administrator is logged in and attempting to add a new event.

Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Leave the name field empty and attempt to save.</li> <li>2. Leave the start date field empty and attempt to save.</li> <li>3. Set the end date earlier than the start date and attempt to save.</li> <li>4. Leave the type field empty and attempt to save.</li> <li>5. Leave the office selection empty and attempt to save.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. An error message is displayed, indicating that the name is required.</li> <li>2. An error message is displayed, indicating that the start date is required.</li> <li>3. An error message is shown: "End date cannot be earlier than start date."</li> <li>4. An error message is displayed, indicating that the type is required.</li> <li>5. An error message is displayed, indicating that the office is required.</li> </ol>

<b>Test case ID</b>	<b>092 EM Edit Event</b>
Description	Verify that the administrator can edit an event from the event details view.
Precondition	Administrator is logged in and viewing an event's details.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Navigate to an event's details page and click the "Edit" button.</li> <li>2. Update the event's name and type fields.</li> <li>3. Change the start and end dates to new valid dates.</li> <li>4. Click the "Save" button.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. The event form opens with pre-filled data.</li> <li>2. The changes are accepted.</li> <li>3. The new dates are accepted.</li> <li>4. The changes are saved, a success message is shown, and the update event details are displayed.</li> </ol>

<b>Test case ID</b>	<b>093 EM Delete Event</b>
Description	Verify that the administrator can delete the event from the event details view.
Precondition	Administrator is logged in and viewing an event's details.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Click the "Delete" button on the event details page</li> <li>2. Confirm the deletion in the modal.</li> <li>3. Verify the event no longer appears in the list.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. A confirmation modal is shown.</li> <li>2. The event is deleted, and the administrator is redirected to the list of events with a success message displayed.</li> <li>3. The event is not present in the event list.</li> </ol>

<b>Test case ID</b>	<b>094 EM Cancel Delete Event</b>
Description	Verify that the administrator can cancel the deletion of an event.
Precondition	Administrator is logged in and viewing an event's details.
Test data	
Test steps	<ol style="list-style-type: none"> <li>1. Click the "Delete" button on the event details page.</li> <li>2. Click the "Cancel" button in the modal.</li> </ol>
Expected result	<ol style="list-style-type: none"> <li>1. A confirmation modal appears.</li> <li>2. The event is not deleted, and the modal closes.</li> </ol>