Bug Report

Title: Photo Upload Feature Not Functioning as Expected

Report Date: 29-10-2024

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Environment:

- Application : Python Selenium

- Browser: Chrome

- Web-application: OrangeHRM

  (htttps://opensource-demo.orangehrmlive.com/web/index.php/auth/login)

Description:

- The photo upload feature is not functioning as intended. When the "Add Photo" button is clicked, the file dialog opens, but the photo cannot be uploaded due to an "element not interactable" error.

- Additionally, the application does not recognize the uploaded photo even when using `send_keys()` on the visible input field.

Steps to Reproduce:

1. Navigate to the PIM section of the application.

2. Click on the "Add Photo" button.

3. Wait for the file upload dialog to open.

4. Attempt to upload a photo by entering the file path using `send_keys()`.

Expected Result: The selected photo should be uploaded successfully and displayed in the employee profile.

Actual Result:

- The file dialog opens, but upon attempting to upload the photo, an error message appears: "element not interactable."
- Even when using JavaScript to simulate the click, the photo does not appear in the application.

Error Message:

Error while trying to upload photo: Message: **element not interactable** (Session info: chrome=130.0.6723.92)

Additional Information:

- The upload input is part of a non-standard HTML structure, lacking a direct `<input type="file">` element.
- Attempts to use **PyAutoGUI** for selecting the file resulted in successful uploads, whereas Selenium interactions do not work as intended.
- Using explicit waits or other Selenium methods does not resolve the issue.

About PyAutoGUI:

- PyAutoGUI is a Python module that allows for programmatic control of the mouse and keyboard.

- It can simulate user interactions, such as clicking buttons and typing, making it useful for automating tasks that involve GUI elements that are not easily accessible via standard automation tools like Selenium.

Attachments:

- Screenshots of the error messages.

```
add photo clicked
Error while adding employee: Message: element not interactable
  (Session info: chrome=130.0.6723.92)
```

- Code snippet related to the upload process.

```python
add_photo_btn = "//*[@id='app']/div[1]/div[2]/div[2]/div/div/form/div[1]/div[1]/div/div[2]/div/button/i"
photo_input = "//input[@type='file']/following-sibling::div[@class='oxd-file-div oxd-file-div--active']"


photo = r"D:\Workspace\Python_Workspace\PAT\Selenium_1\AT_Project_1\butterfly.jpeg"


add_photo_button = self.wait.until(EC.element_to_be_clickable((By.XPATH, TestLocators().add_photo_btn)))
add_photo_button.click()
print("add photo clicked")
# Wait for the file input element to be visible
add_photo = self.wait.until(EC.visibility_of_element_located((By.XPATH, TestLocators().photo_input)))
add_photo_button.send_keys(WebData().photo)
print("pic")
```
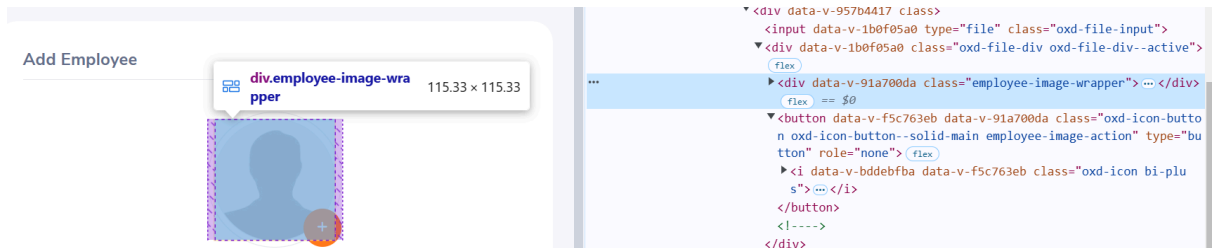
- Code snippet of uploading image using **pyautogui**

```python
# Click the button to open the file dialog
add_photo_button = self.wait.until(EC.element_to_be_clickable((By.XPATH, TestLocators().add_photo_btn)))
add_photo_button.click()

# Wait for the file dialog to open
time.sleep(2)  # Wait for the dialog to appear
# Type the file path
pyautogui.typewrite(WebData().photo)
# Press Enter to confirm the upload
pyautogui.press('enter')
```

- As the HTML code doesn't have `<input type="file">` , the `send_keys()` doesn't work.

- The `<input type="file">` only indicates, the outer layout