

**AIM :** Automate task of posting on LinkedIn.

**OBJECTIVES :**

1. To create a bot that can post on LinkedIn

**TOOLS USED :** Automation Anywhere

**Problem Statement :**

1) Create a Bot to automate a task of writing a post in LinkedIn. Your bot should include following tasks.

- A) Automatically sign in to LinkedIn.
- B) Click on Start a Post.
- C) Write content.
- D) Click on Add a photo
- E) Upload a picture
- F) Click on Post

The created post should be visible on your LinkedIn wall.

**Controls used :**

**1. Browser: Open**

Browser: Open control opens the specific page on the browser. We can choose the browser from the given list and give URL to open for the bot.

**2. Recorder: Capture**

Recorder: Capture control captures the field on the browser. We can choose recently open browser page, and capture any object from it. We can perform any action on the object like set text, click etc.

**3. Wait: For Screen Change**

Wait : For Screen Change control tells bot to wait for some time until the screen changes. We need to give the browser page with the resolution of the new page. Also we need to give the time for bot to wait until new window appears.

**4. Mouse: Click**

Mouse: Click control gives click option on any field of the web page. We need to give webpage and select the object on which we want to perform the click operation. It gives options like left click, right click and single click or double click etc.

### Solution:

#### Steps to create and execute bot to achieve above task:

**Step 1:** Create a new bot by clicking on Home page of Automation Anywhere, Click on Create bot option. Give the bot name and click on "Create and edit".

**Step 2:** Add **Browser: Open** control to open the LinkedIn Login page.

#### Browser: Open



Opens the specified web page in the browser.

Required bot agent version: 21.210 or above

What to open

Existing tab   New tab   **New window**

New window in selected browser

Browser

Google Chrome

Link to open

” https://www.linkedin.com/home



e.g. http://...

**Step 3:** Add Recorder: Capture to capture the email area and add the email id via set text.

**Recorder: Capture**

Window

Browser Application Variable

\$Browser1\$ (x)

Browser title

LinkedIn: Log In or Sign Up

☒ Case sensitive

Link of web page

https://www.linkedin.com/home

Browser application

Google Chrome

☐ Resize window

May improve bot accuracy

Main Anchor

Recapture object ▼

Preview

ail or phone

sword

Action to take on object

Set text ▼

**Step 4:** For the password to enter securely, create the credentials for password. Give Credential name and Attribute name. Give your LinkedIn password in value field with security as masked and click on "Create Credentials".

Create a Locker for the credentials created above, give the locker name and select the credential for which locker is created and click on "Create Locker".

## Credentials

Search						
Credentials (1)						
<input type="checkbox"/>	Type	Name ↑	Locker name	My access	Request status	Credential owner
<input type="checkbox"/>	Standard	Password	Locker1	Credential owner	N/A	dharmesh.mishra23@spit.ac.ir 2 m

**Step 5:** Use **Recorder: Capture** to capture the password area and share the password via credentials.

## Recorder: Capture

MainAnchor

Recapture object

Preview

Password

Forgot password?

Action to take on object

Set text

☐ Run in background

A person who is logged in on the device can perform tasks while this action takes place

CredentialVariableInsecure string

Locker1, Password, LinkedIn

Pick...

Time between keystrokes (milliseconds) (optional)

#

Time=0 pastes string into object (default). Time>0 simulates keystrokes

**Step 6:** Use another **Recorder: Capture** to click on Sign In button


## Recorder: Capture



Main Anchor

Recapture object ▼

Preview



Action to take on object

Click ▼

☐ Run in background  
A person who is logged in on the device can perform tasks while this action takes place

> Object properties (9 of 48)

**Step 7:** Use another **Recorder: Capture** to Click on New Post button


## Recorder: Capture



Main Anchor

Recapture object ▼

Preview



Action to take on object

Click ▼

☐ Run in background  
A person who is logged in on the device can perform tasks while this action takes place

**Step 8:** Write your post content via **Simulate Keystrokes**

## Simulate keystrokes



Select window

Browser Application Variable

\$Window1\$

(x)

Window title

Feed | LinkedIn - Google Chrome

☒ Case sensitive

Window application path

C:\Program Files (x86)\Google\Chrome\Application\chro

☐ Resize window

May improve bot accuracy

## Keystrokes

☒ Enter keystrokes here or use the on-screen keyboardHi,  
This has been posted via a bot!

(x)

## Step 9: Use Recorder: Capture to capture the Add Media button

## Recorder: Capture



Window

Browser Application Variable

\$Window1\$

(x)

Window title

Feed | LinkedIn - Google Chrome

☒ Case sensitive

Window application path

C:\Program Files (x86)\Google\Chrome\Application\chro

☐ Resize window

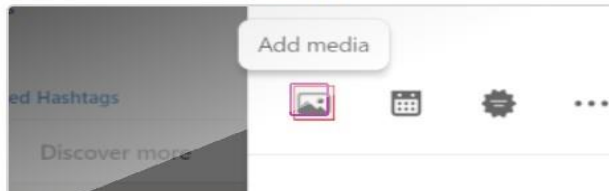
May improve bot accuracy

Main Anchor

Recapture object



Preview



Action to take on object

Click



**Step 10:** The pop up for location of media will open. Enter the location via **Simulate Keystrokes** and add NUM-ENTER at the end.

## Simulate keystrokes



Window application path

C:\Program Files (x86)\Google\Chrome\Application\chro

Window type

Dialog

☒ Resize window

May improve bot accuracy

Window width in pixels

# 960

(x)

Window height in pixels

# 600

(x)

Keystrokes

☒ Enter keystrokes here or use the on-screen keyboard**Step 11: Add 2 Recorder: Capture** to click on Next and Post buttons

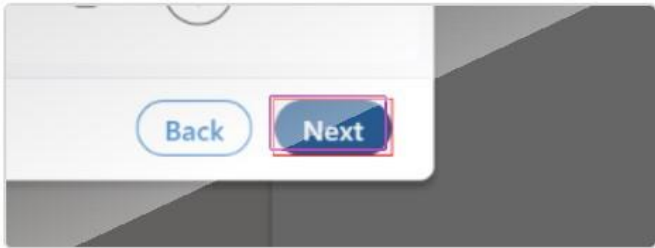
## Recorder: Capture



Main Anchor

Recapture object ▼

Preview



Action to take on object

Click ▼

☐ Run in background

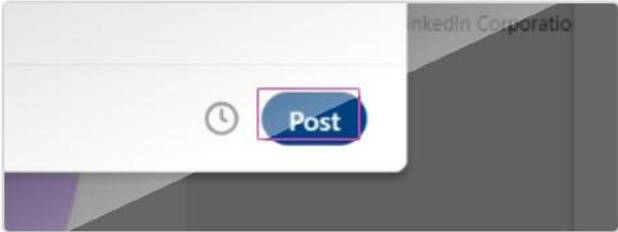
A person who is logged in on the device can perform tasks while this action takes place

## Recorder: Capture

Main Anchor

Recapture object ▼

Preview



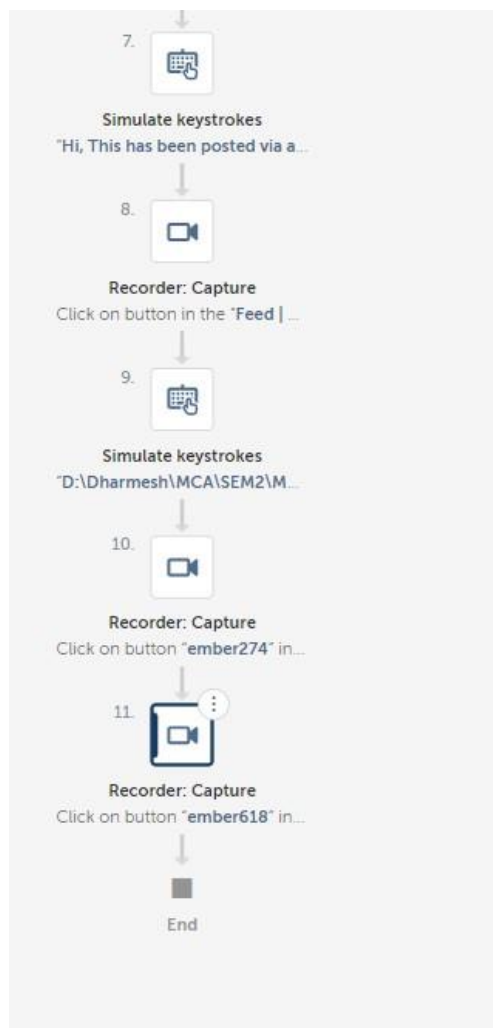
Action to take on object

Click ▼

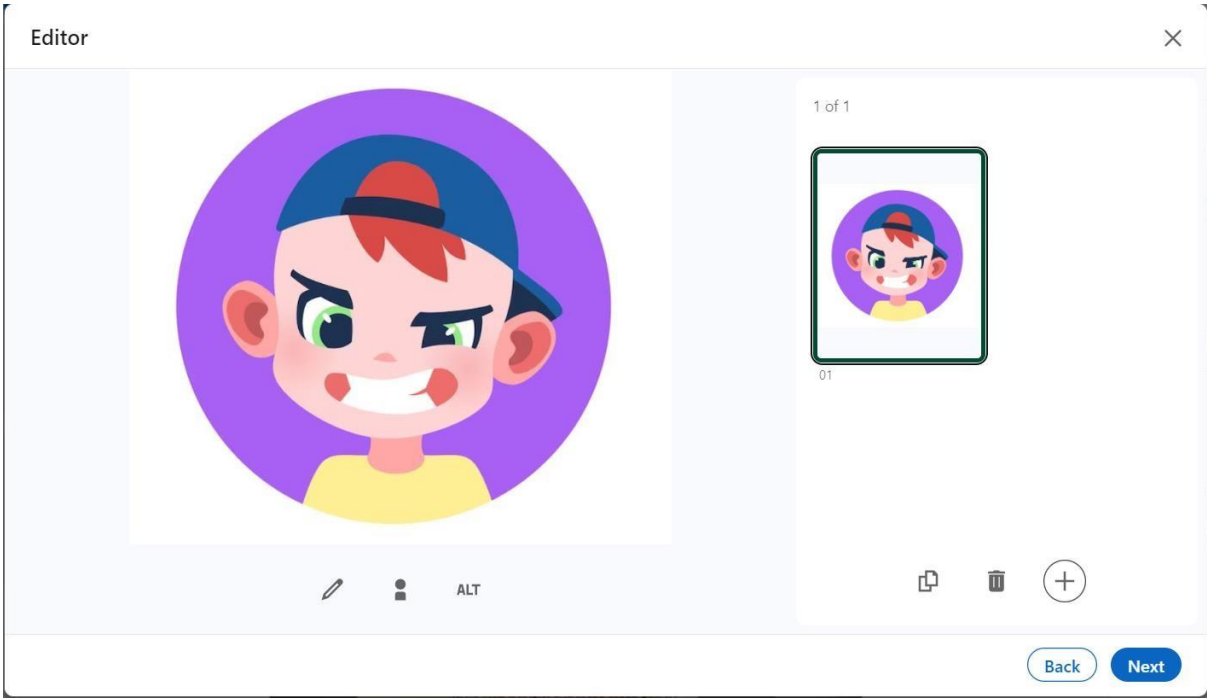
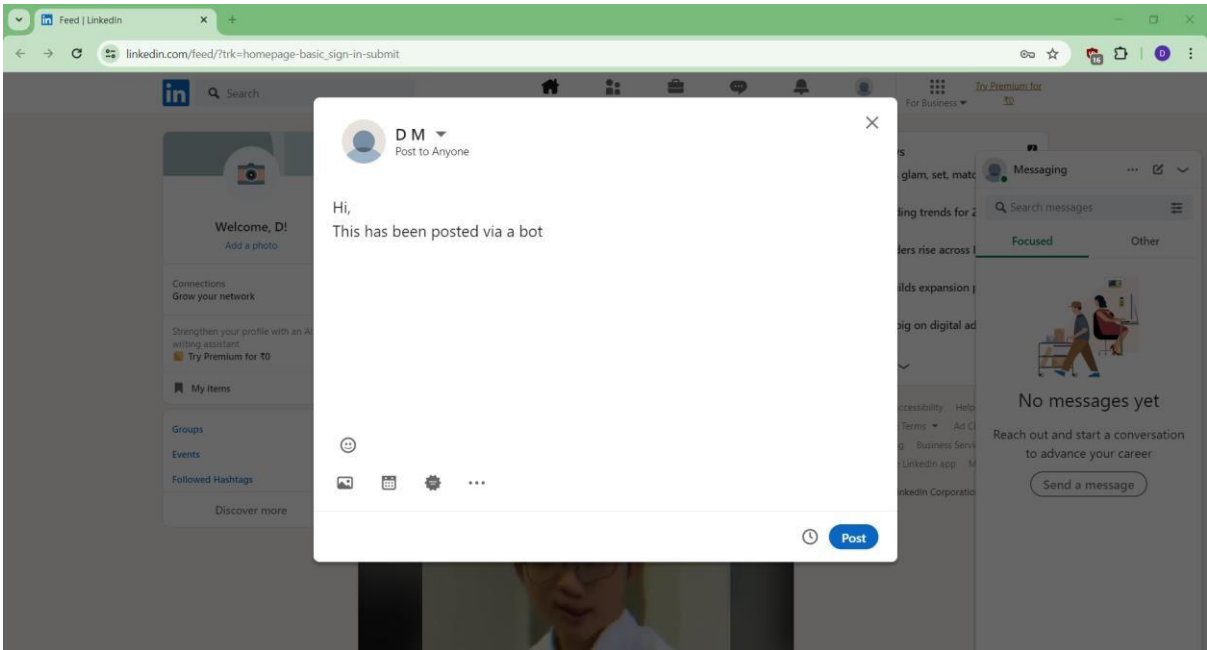
☐ Run in background

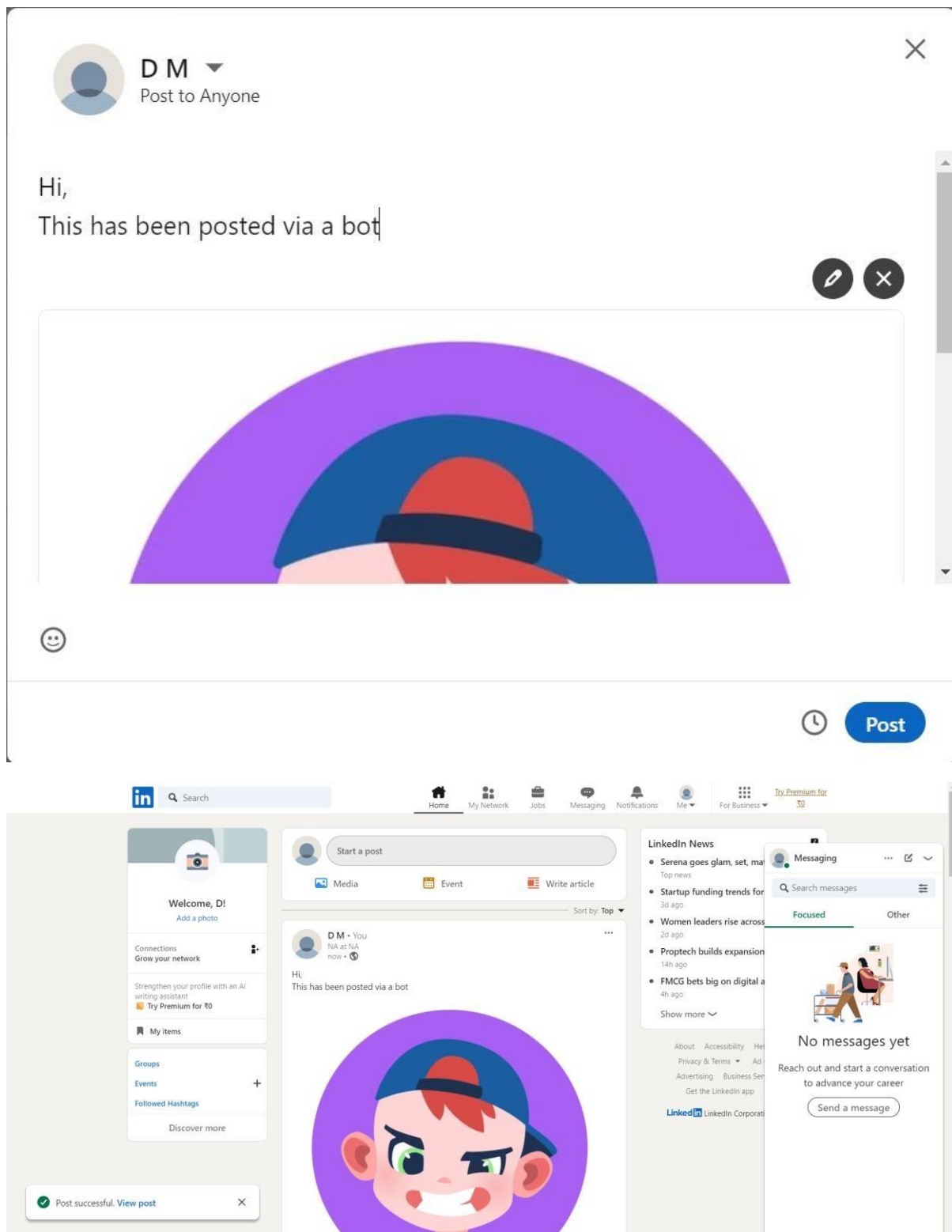
A person who is logged in on the device can perform tasks while this action takes place

## FINAL FLOW:







**Observation:**

From this experiment, I have learnt how to open LinkedIn and share a post on LinkedIn. I also learnt about storing passwords as a credential on Automation Anywhere.