

## **PROJECT SUBMISSION PHASE-4**

**Project Title** : Chatbot Deployment with IBM Cloud Watson Assistant

**Project Code** : 1662

**Team name** : Proj\_211252\_Team\_1

**Domain** : Cloud Application Development

**Assignment** : Development part 2

## **SUBMITTED BY**

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**College code** : 8213

**Group-4** : Zone (13-16)

## **Phase 4:Development part 2**

**To integrate a chatbot with messaging platforms, you can follow these steps:**

**1) Identify the messaging platforms you want to integrate with:**

The most popular messaging platforms include Facebook Messenger, WhatsApp, Telegram, and Slack.

**2) Obtain the necessary credentials or API keys from each messaging platform:**

This information will allow you to connect your chatbot to the messaging platform and send and receive messages.

**3) Implement the integration by configuring the chatbot:**

To send and receive messages through the messaging platforms. This will involve writing code to handle the communication between the chatbot and the messaging platforms.

**4) Test the integration:**

To make sure that the chatbot is working properly. You can do this by sending and receiving messages from the chatbot on the messaging platforms.

## **Tips for refining the responses of a chatbot:**

### **❖ Use natural language:**

Try to write the responses in a way that sounds like a human would write them. Avoid using technical jargon or overly formal language.

### **❖ Be specific:**

When answering questions, try to provide specific and detailed answers. Avoid giving vague or general answers.

### **❖ Be helpful:**

The goal of a chatbot is to help users. Make sure that the responses are helpful and informative.

### **❖ Be engaging:**

Try to write the responses in a way that is engaging and conversational. Use humor and personality where appropriate.

## **Example of how to refine the responses of a chatbot:**

### **Original response:**

Hi! What can I help you with today?

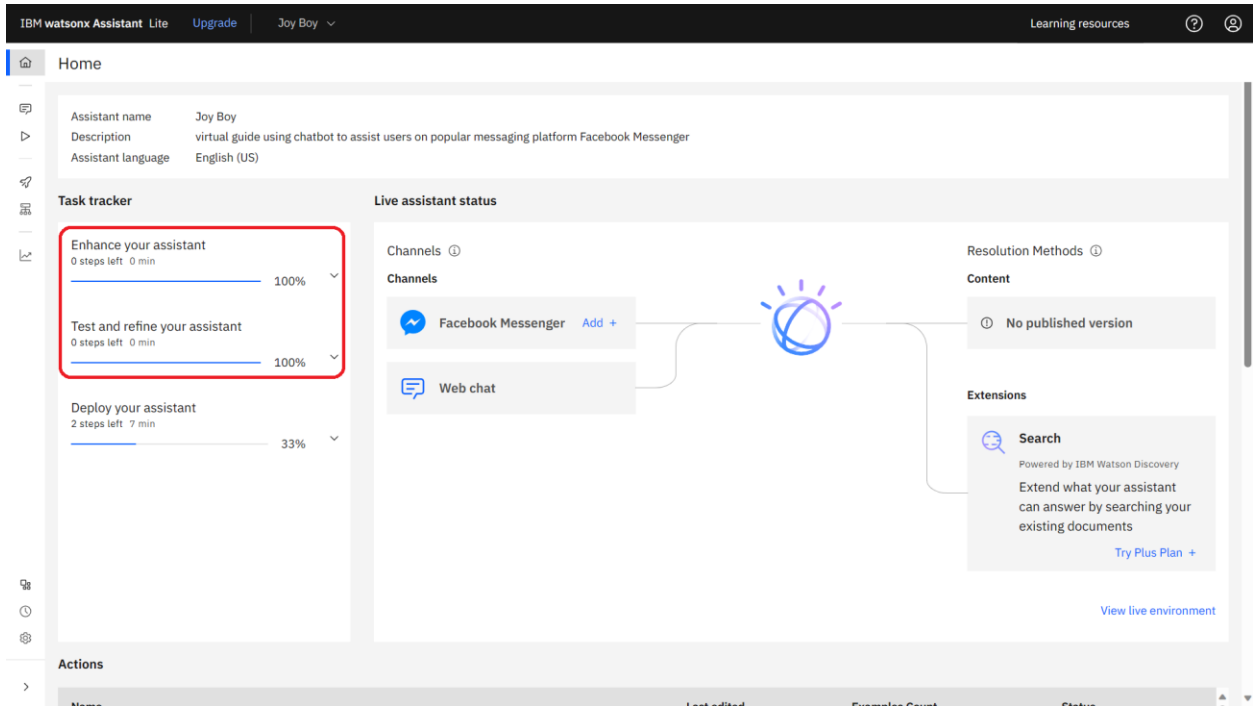
### **Refined response:**

Hi! Welcome to my chat! How can I help you today?

The refined response is more engaging and welcoming. It also uses more specific language, such as "welcome to my chat" and "how can I help you today?"

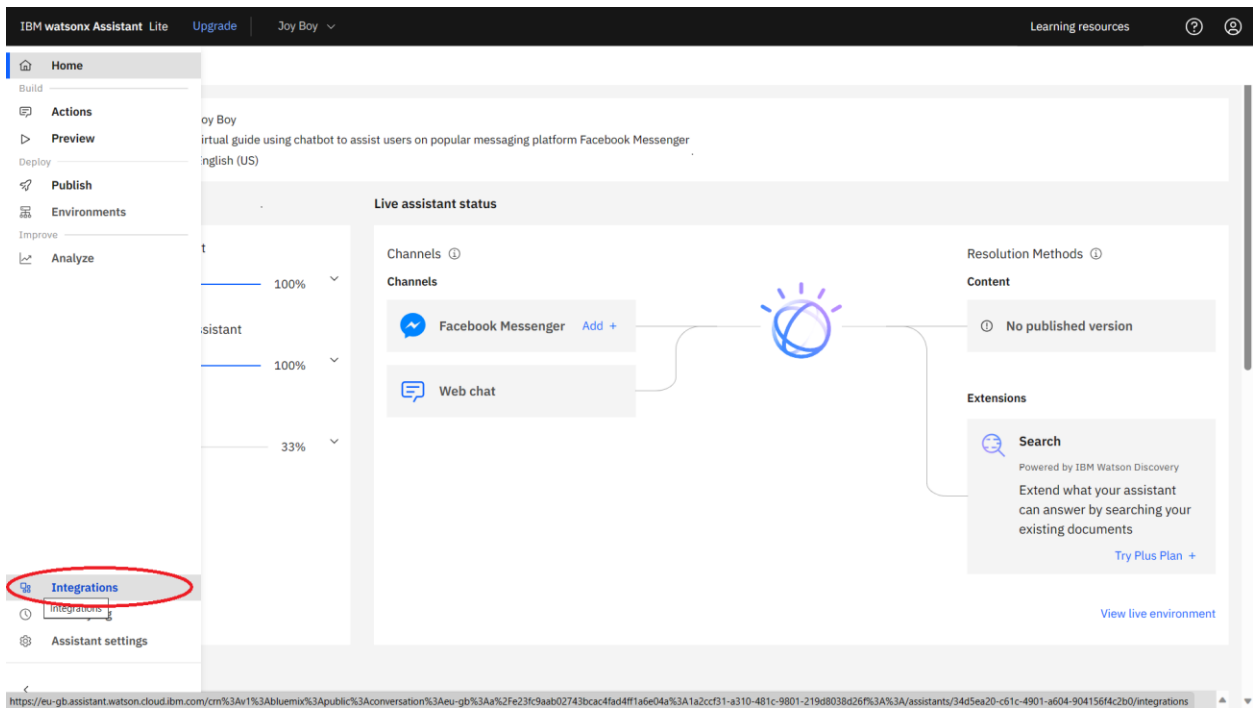
## **Continue building the chatbot by integrating it with messaging platforms and refining the response:**

- **Actions , Training and testing are completed.**

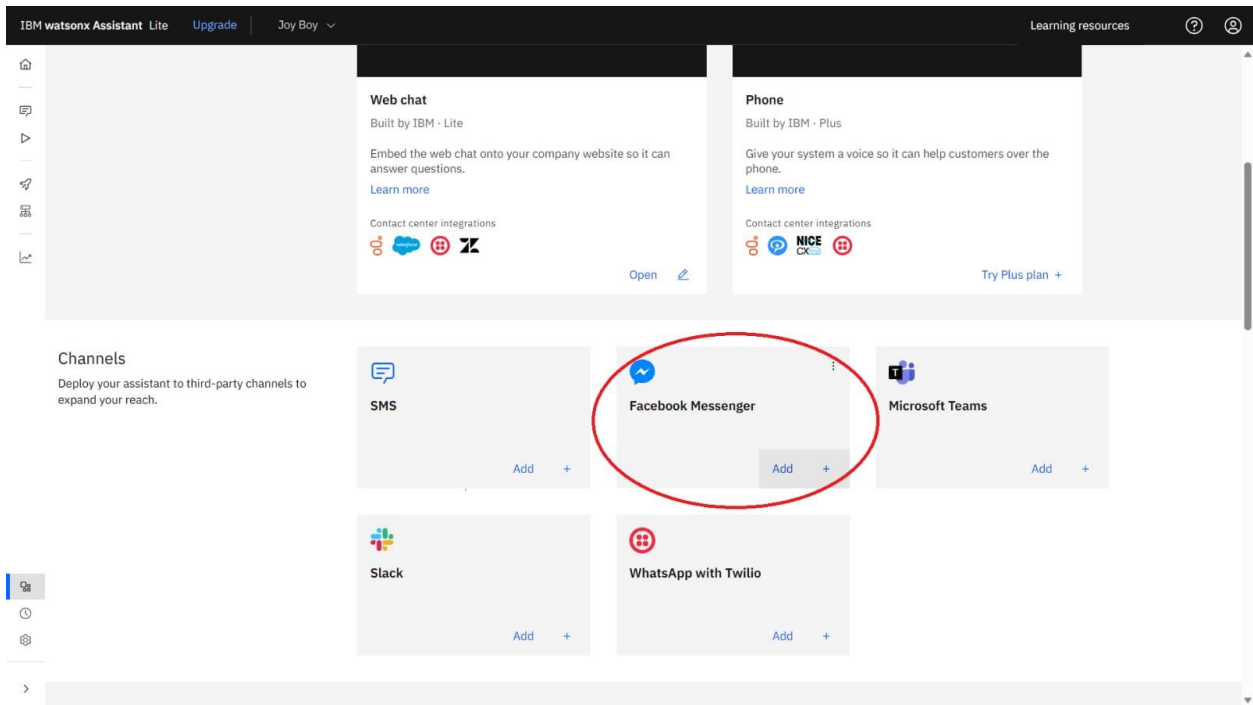


Fig(1)

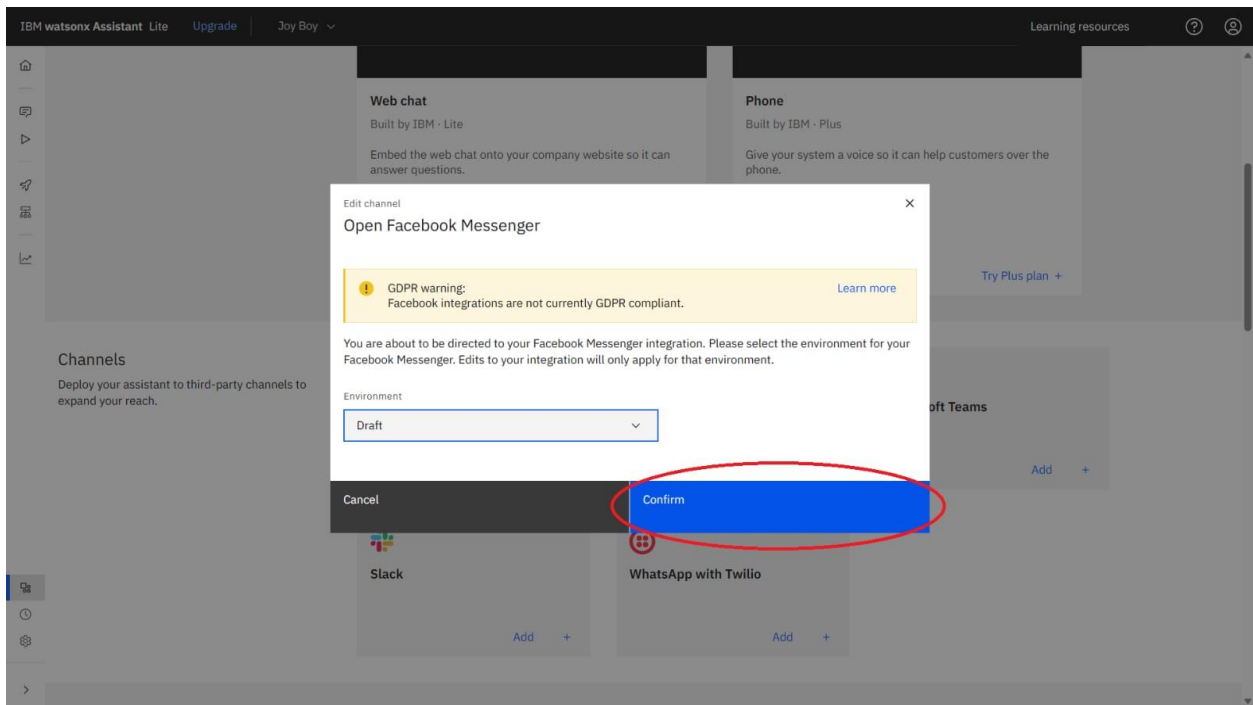
- **Integrate the chatbot with the Facebook Messenger.**



Fig(2)

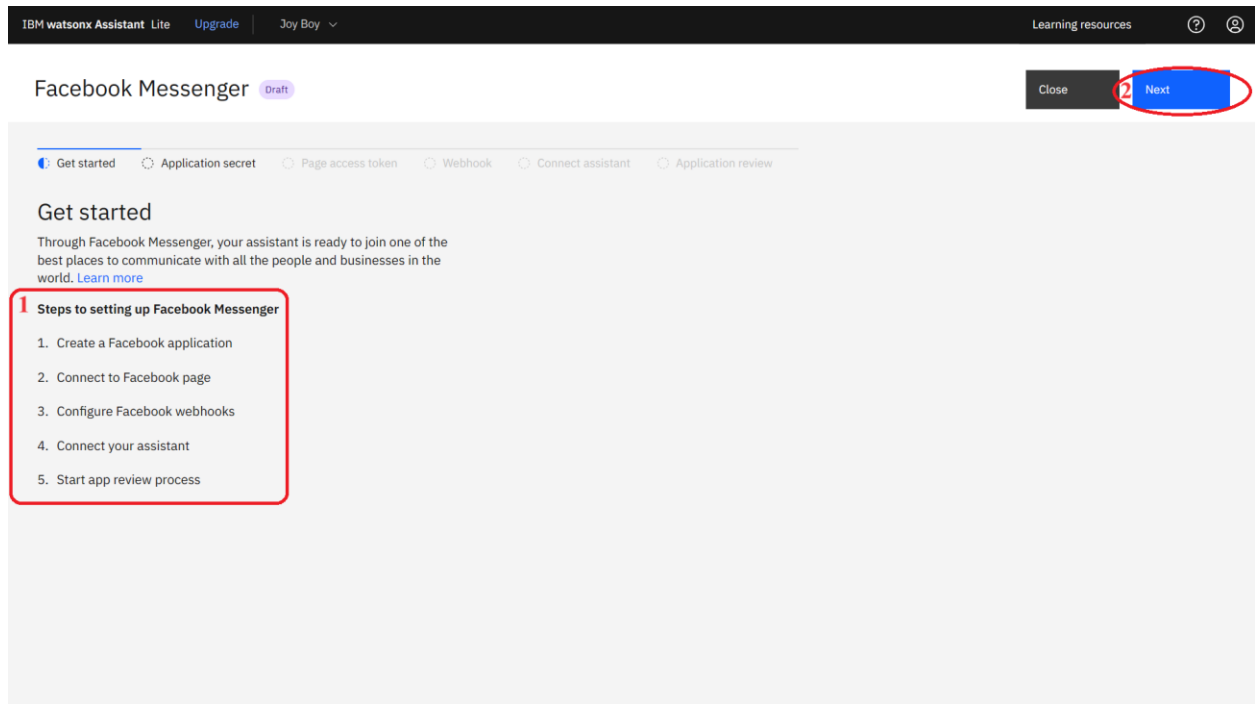


Fig(3)



Fig(4)

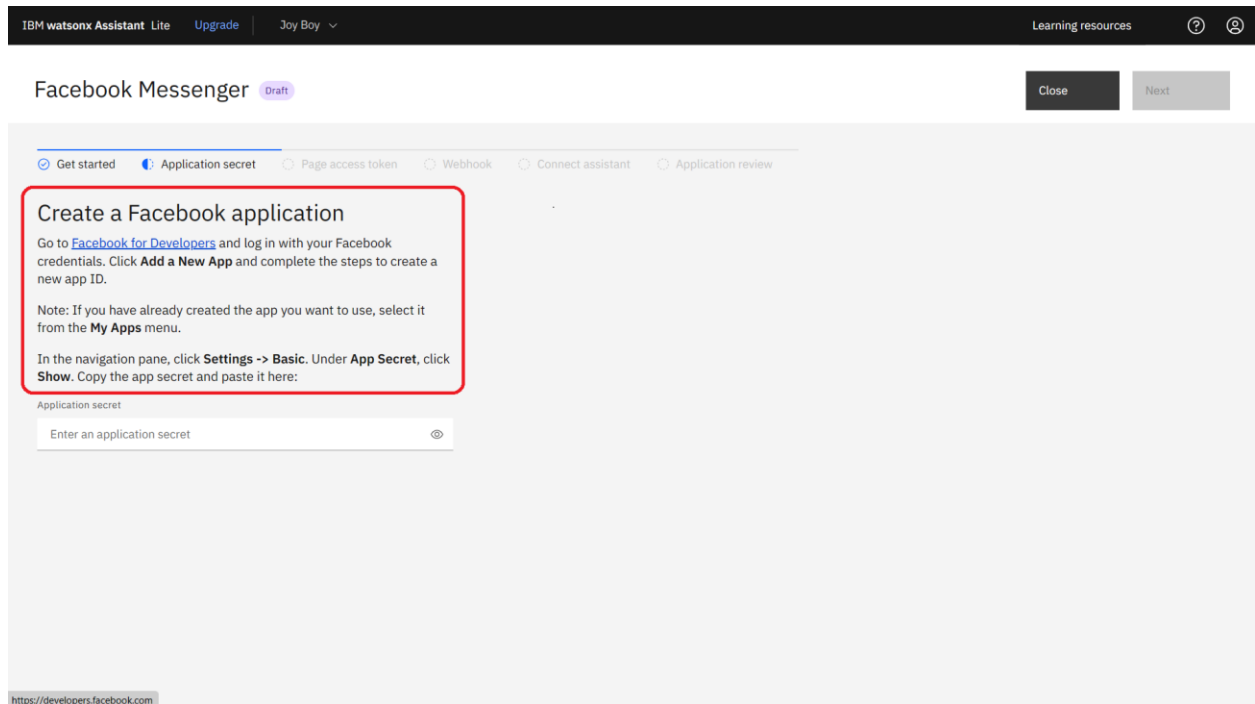
## Step 1: Get Started.



Fig(5)

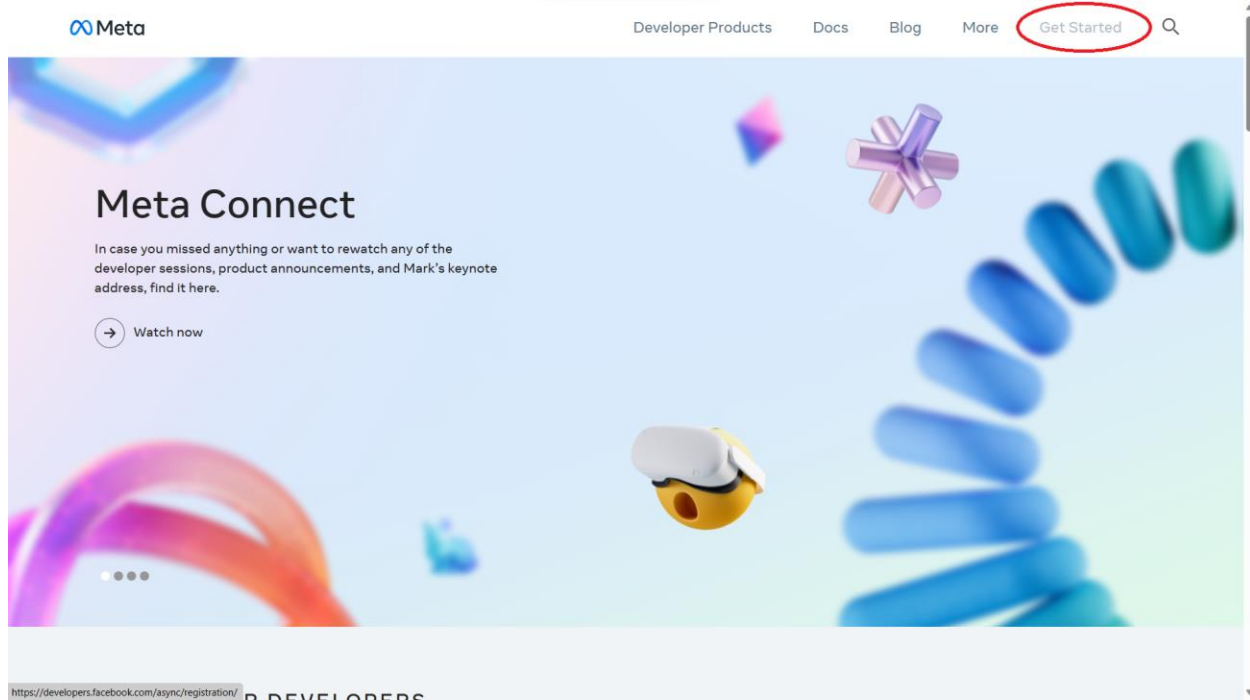
## Step 2 : Application secret.

We have to find the application secret key (API key).

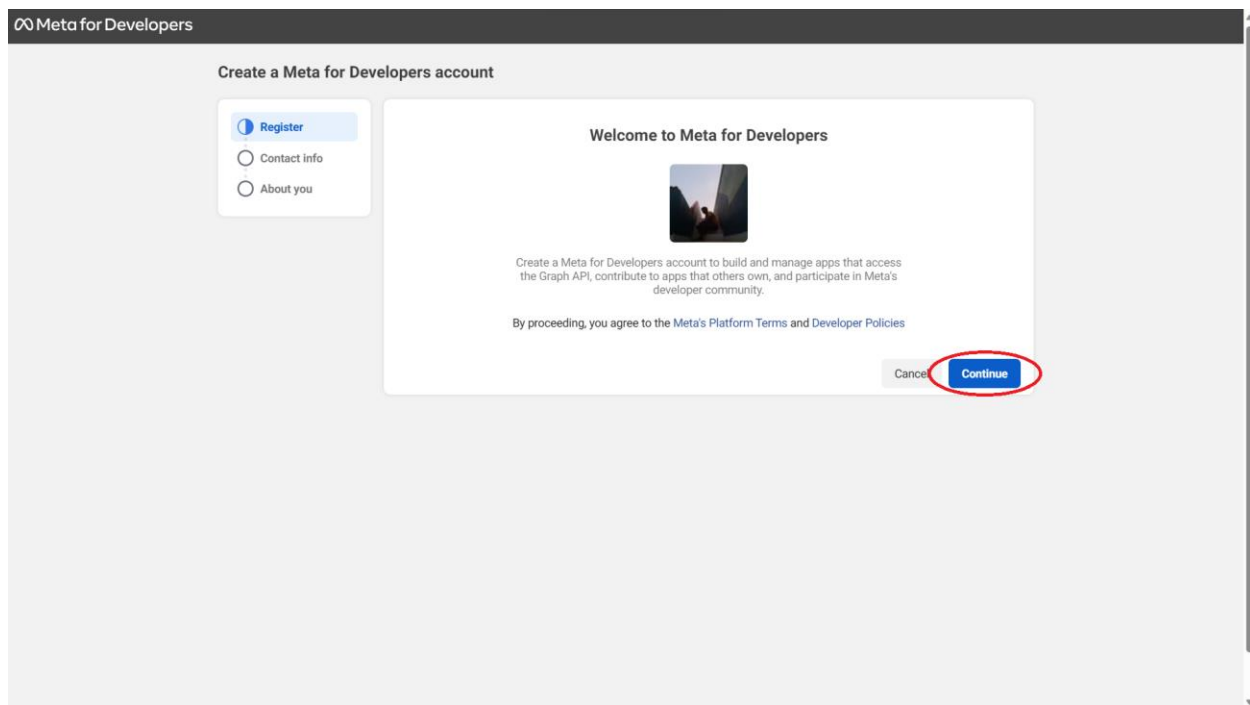


Fig(6)

Link : <https://developers.facebook.com/>



Fig(7)



Fig(8)

Meta for Developers

Create a Meta for Developers account

Register

Contact info

About you

Enter Your Preferred Contact Email

This email will be added to your Facebook account. We use email addresses to send notifications, help you log in and personalize experiences, like connecting people and improving ads for everyone on our products. Only you will see your email on your profile. [Learn More](#)

Primary email

sc240843@gmail.com

☒ I agree to receive marketing-related electronic communications from Meta, including developer news, updates and promotional emails. (You may unsubscribe from these emails at any time by clicking unsubscribe at the bottom of the email. You can also update your email preferences in Developer Settings.)

Send Verification Email

Fig(9)

Meta for Developers

Create a Meta for Developers account

Register

Contact info

About you

Which of the following best describes you?

Help us improve your experience by telling us which of the following roles best describe you.

</> Developer

Marketer

Analyst

Product manager

Student

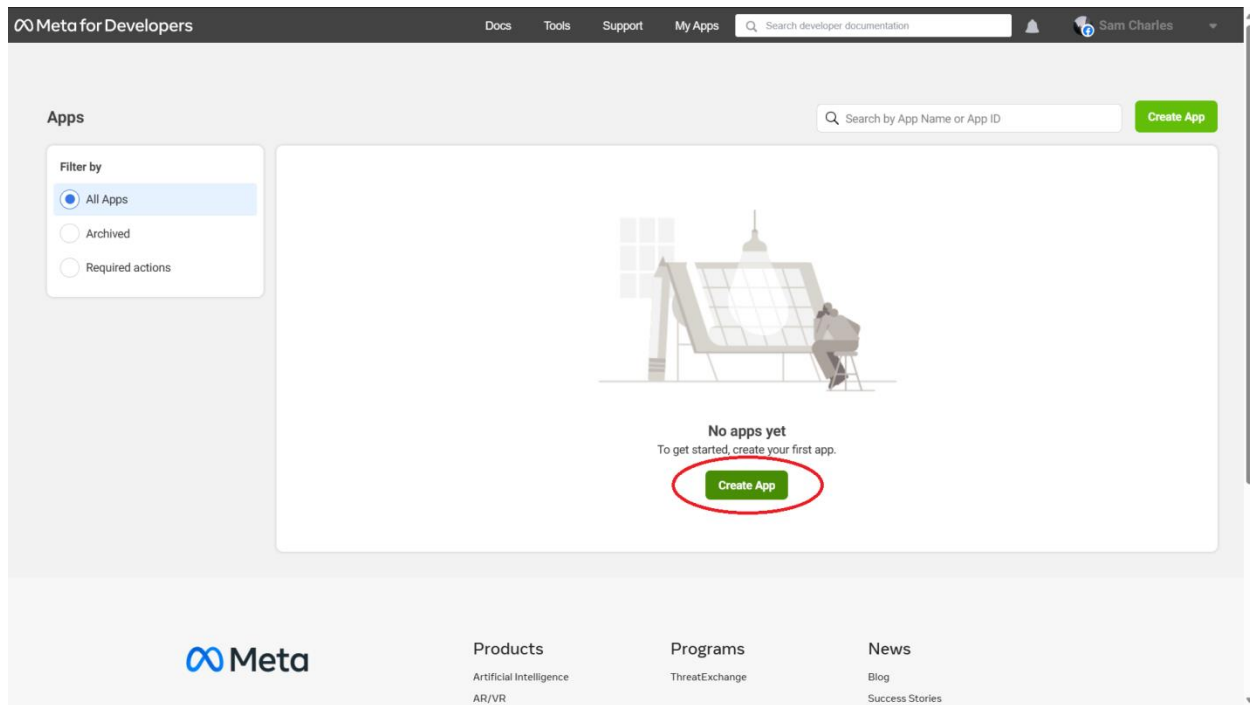
Owner/founder

Other

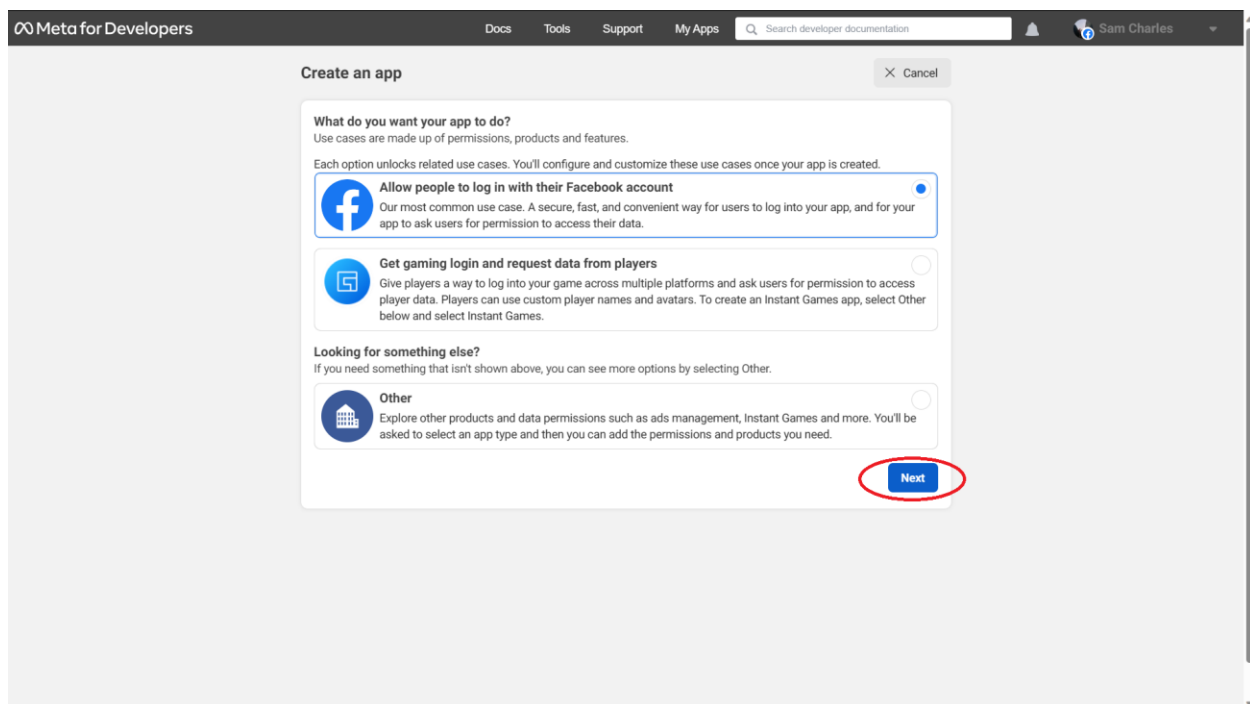
Complete Registration

Fig(10)





Fig(11)



Fig(12)

**Meta for Developers** Docs Tools Support My Apps Search developer documentation Sam Charles

### Create an app

[Add a use case](#) [Details](#)

**Add an app name**  
This is the app name that will show on your My Apps page and associated with your app ID. You can change the name later in Settings.  
Joy Boy 7/30

**App contact email**  
This is the email address we'll use to contact you about your app. Make sure it is an address you check regularly. We may contact you about policies, app restrictions or recovery if your app is deleted or compromised.  
sc240843@gmail.com

**Business Account - Optional**  
Connecting a Business Account to your app is only required for certain products and permissions. You'll be asked to connect a Business Account when you request access to those products and permissions.  
No Business Manager account selected

By proceeding, you agree to the [Meta Platform Terms](#) and [Developer Policies](#). [Previous](#) [Create app](#)

Fig(13)

**Meta for Developers** Docs Tools Support My Apps Search developer documentation Sam Charles

Joy Boy App ID: 651413703643010 Help

- Dashboard
- Required actions
- Build your app
  - Use cases
  - Products
  - App settings**
    - Basic
    - Advanced
  - App roles
  - Testing
- Submit for review
  - Verification
  - Data handling questions
  - App Review
- Publish
  - Go live

**App ID** 651413703643010 **App secret** [Redacted] Reset

**Display name** Joy Boy **Namespace**

**App domains** **Contact email** sc240843@gmail.com

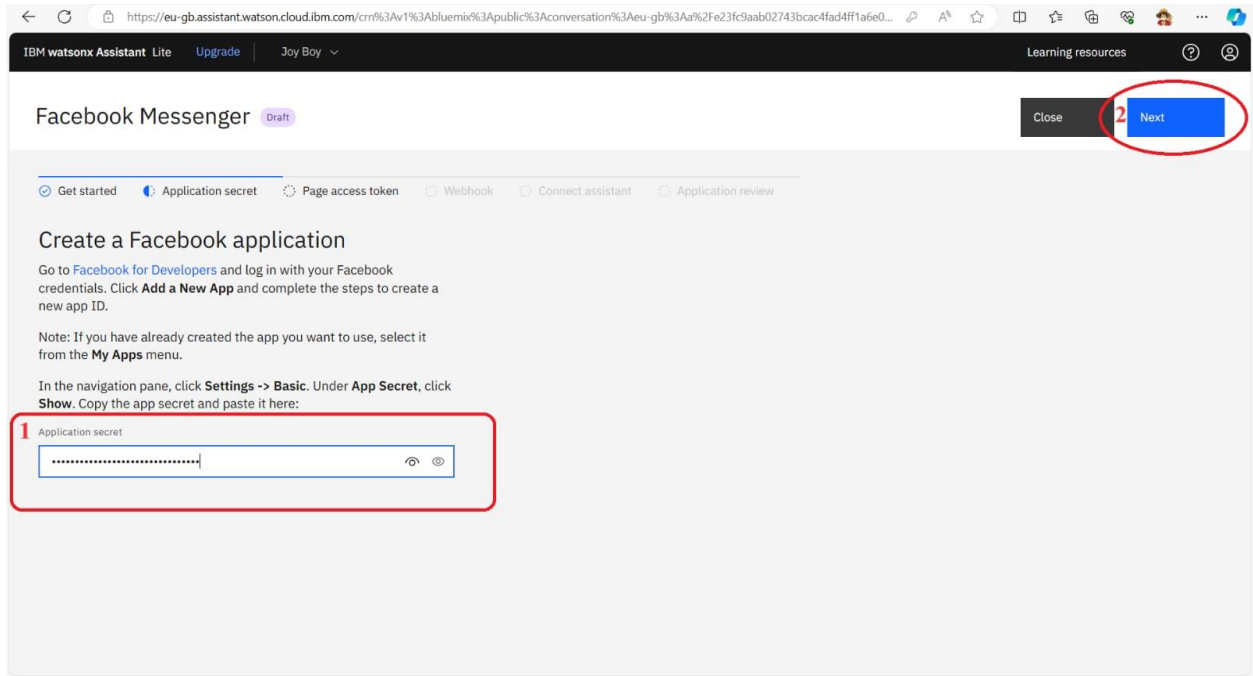
**Privacy Policy URL** Privacy policy for Login dialog and app details **Terms of Service URL** Terms of Service for Login dialog and App Details

**App icon** (1024 x 1024)

**User data deletion**  
Data deletion instructions URL  
You can also provide a link

**Data Protection Officer contact information** Discard Save changes

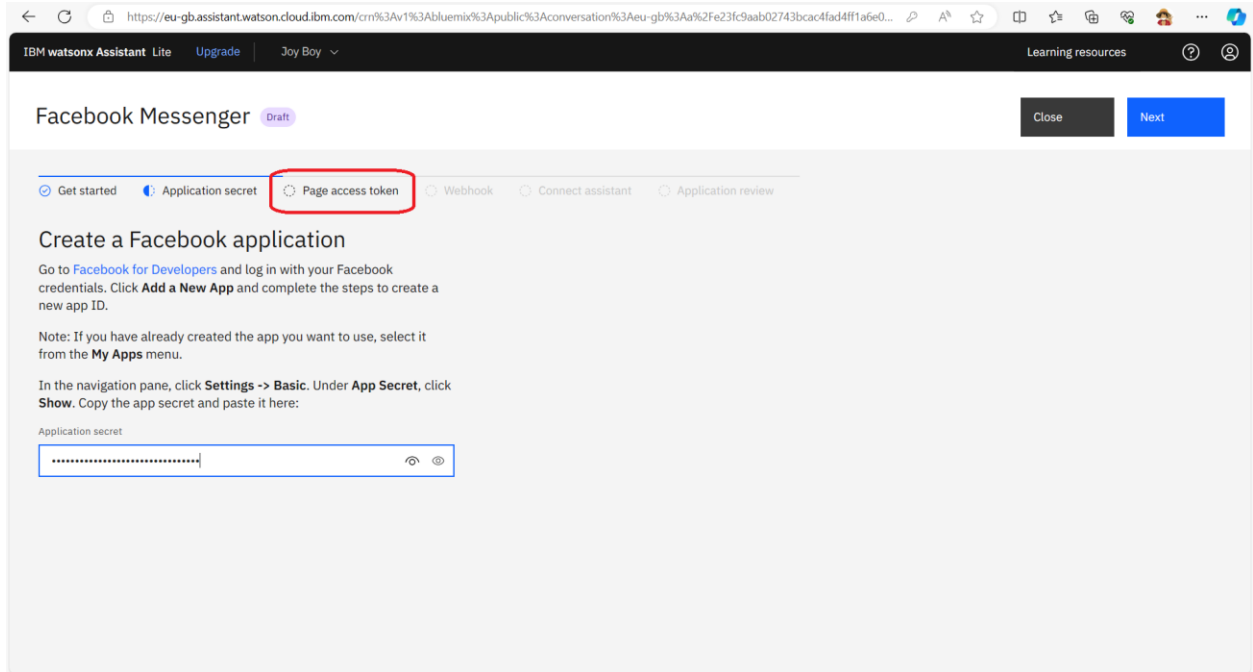
Fig(14)



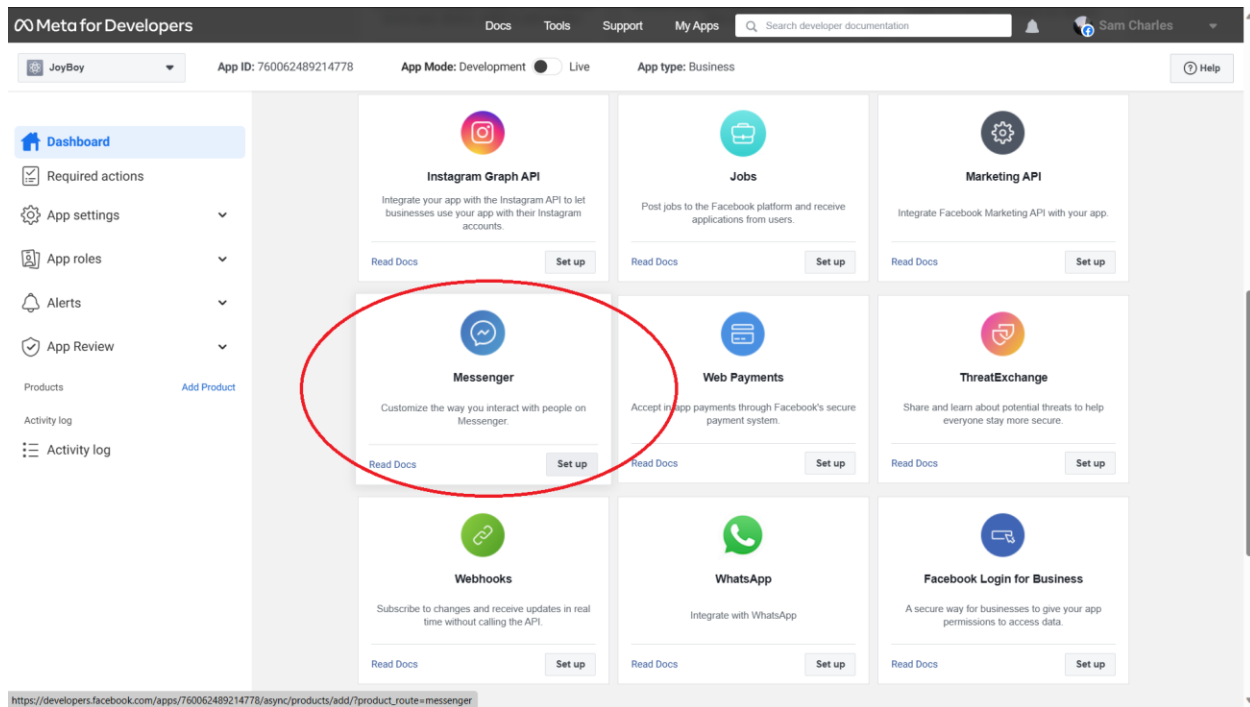
Fig(15)

### Step 3: Page Access token.

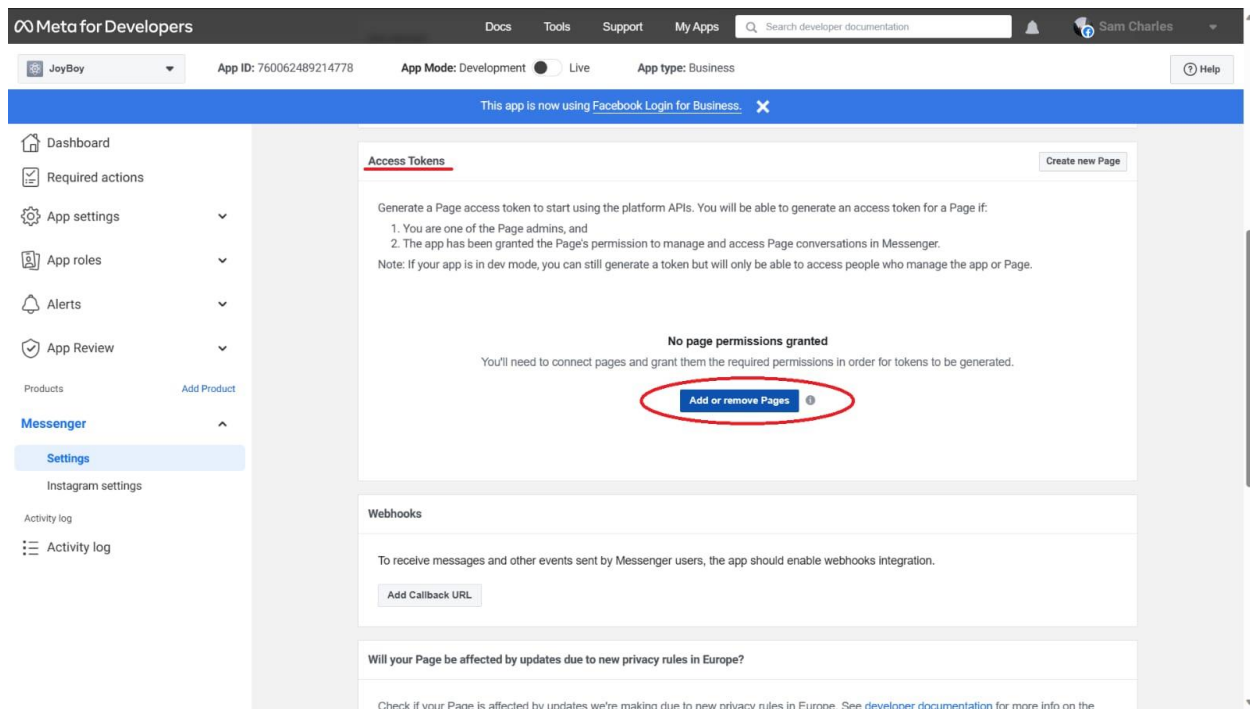
We have to find the Access token.



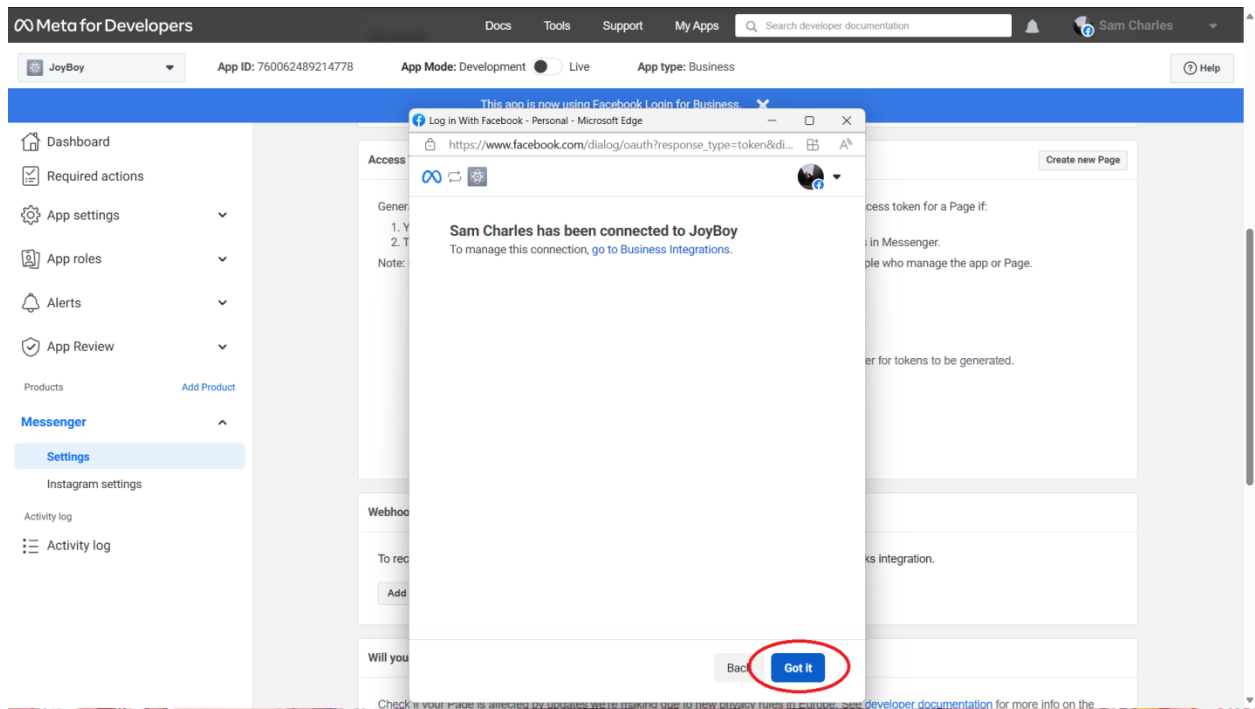
Fig(15.1)



Fig(16)

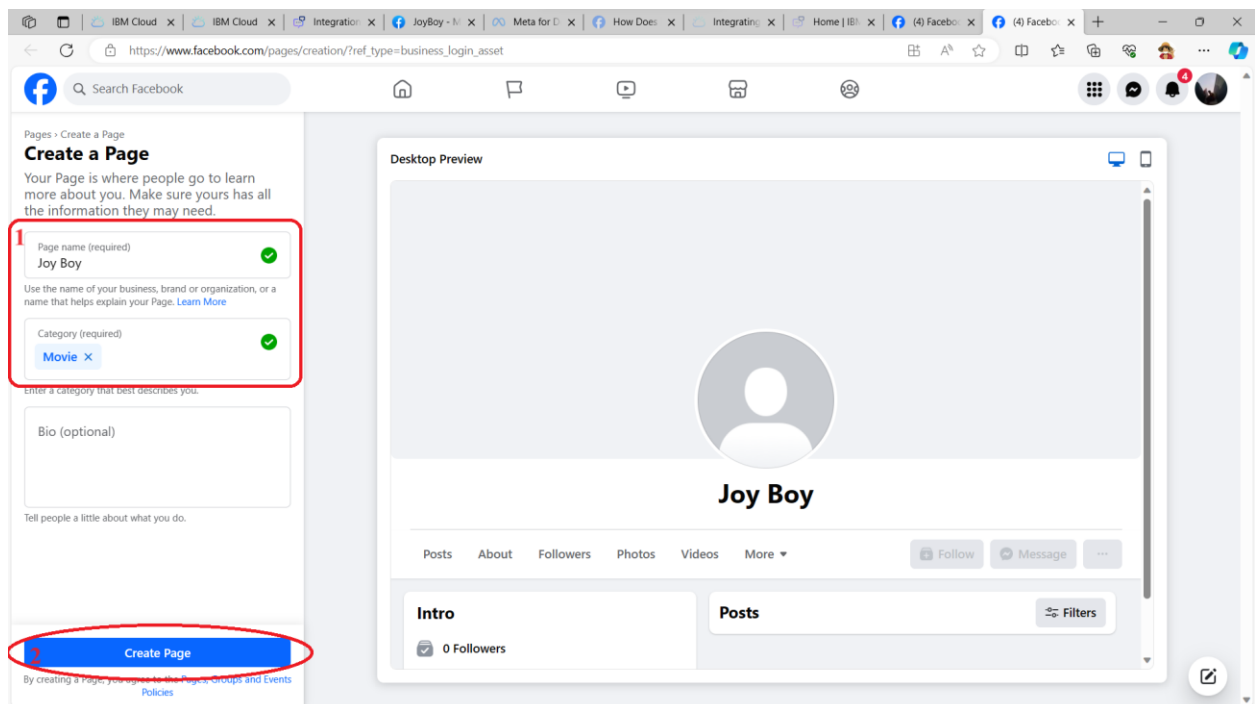


Fig(17)

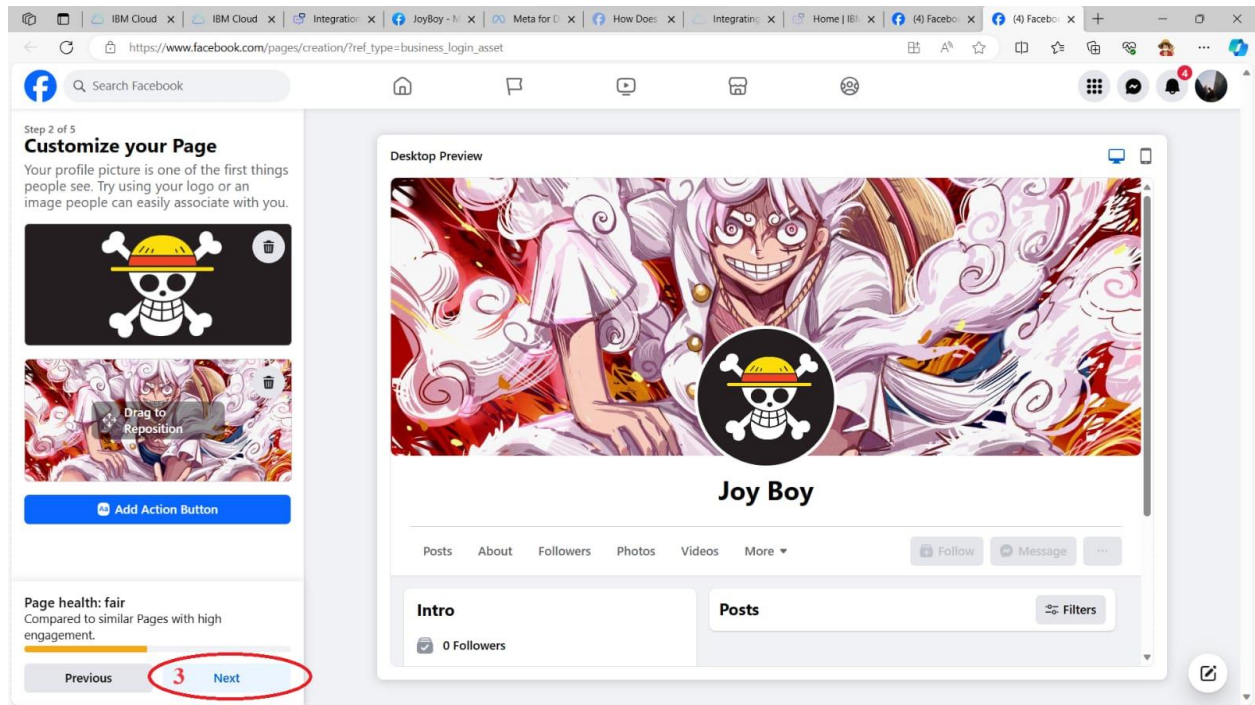


Fig(18)

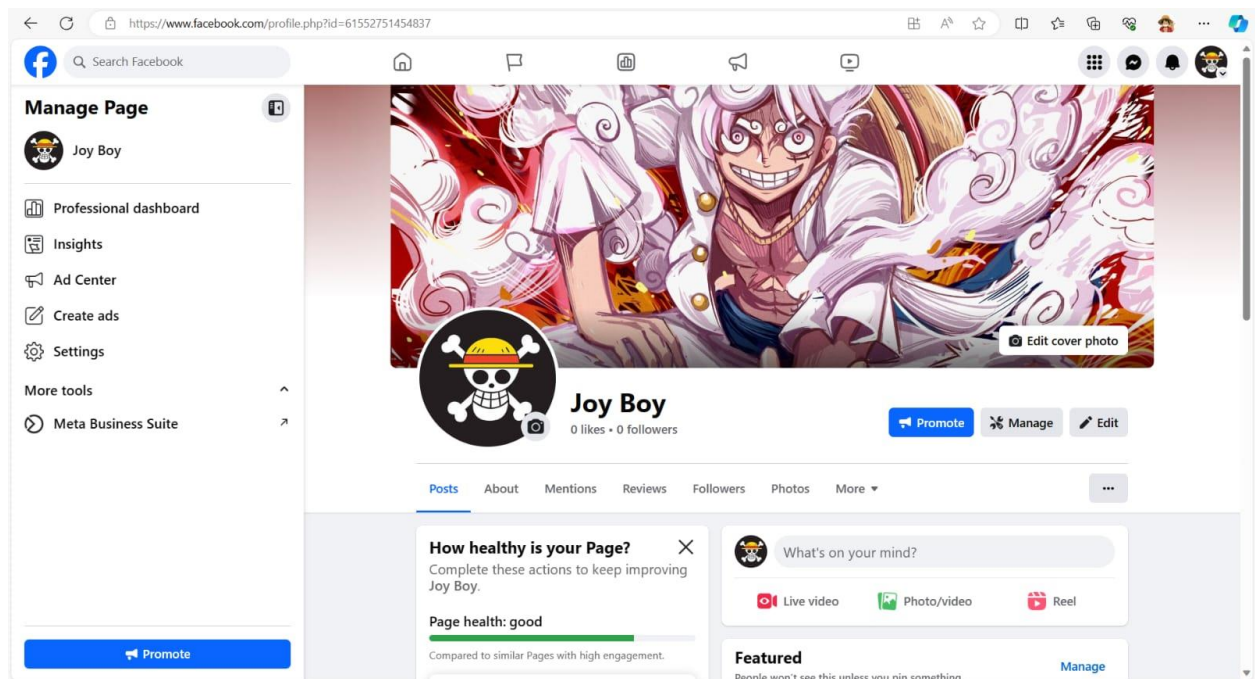
- **Create Facebook page.**



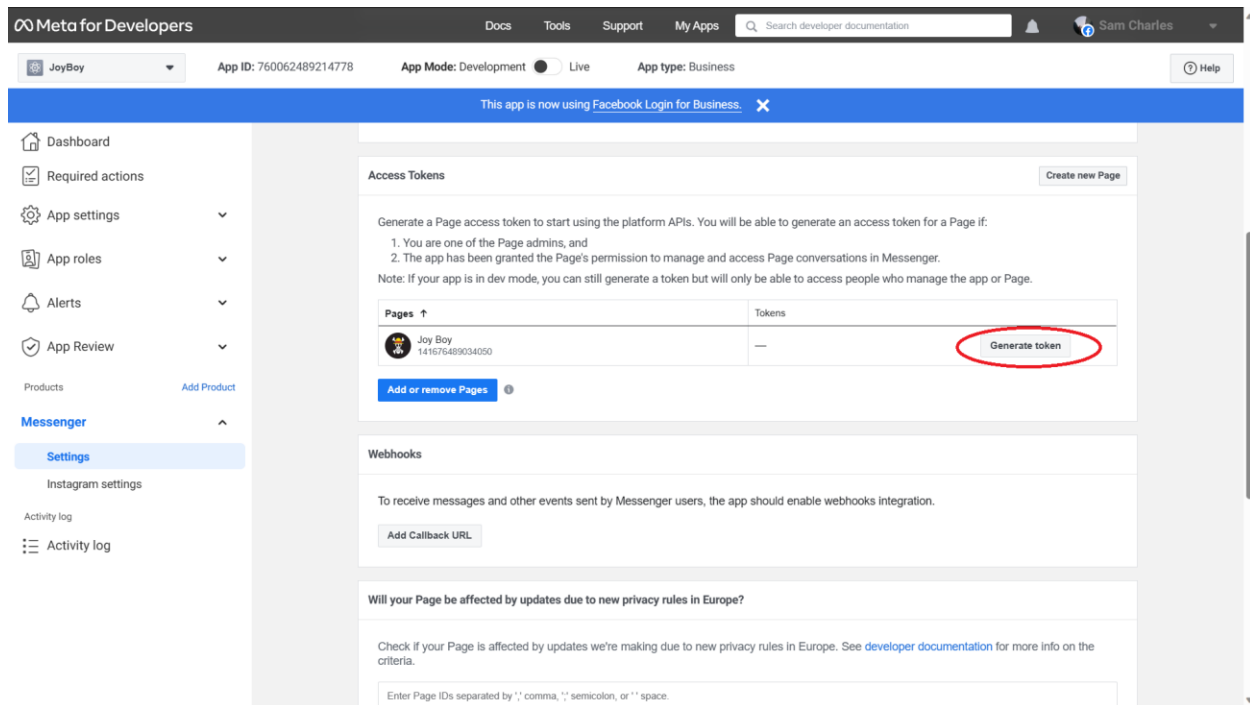
Fig(19)



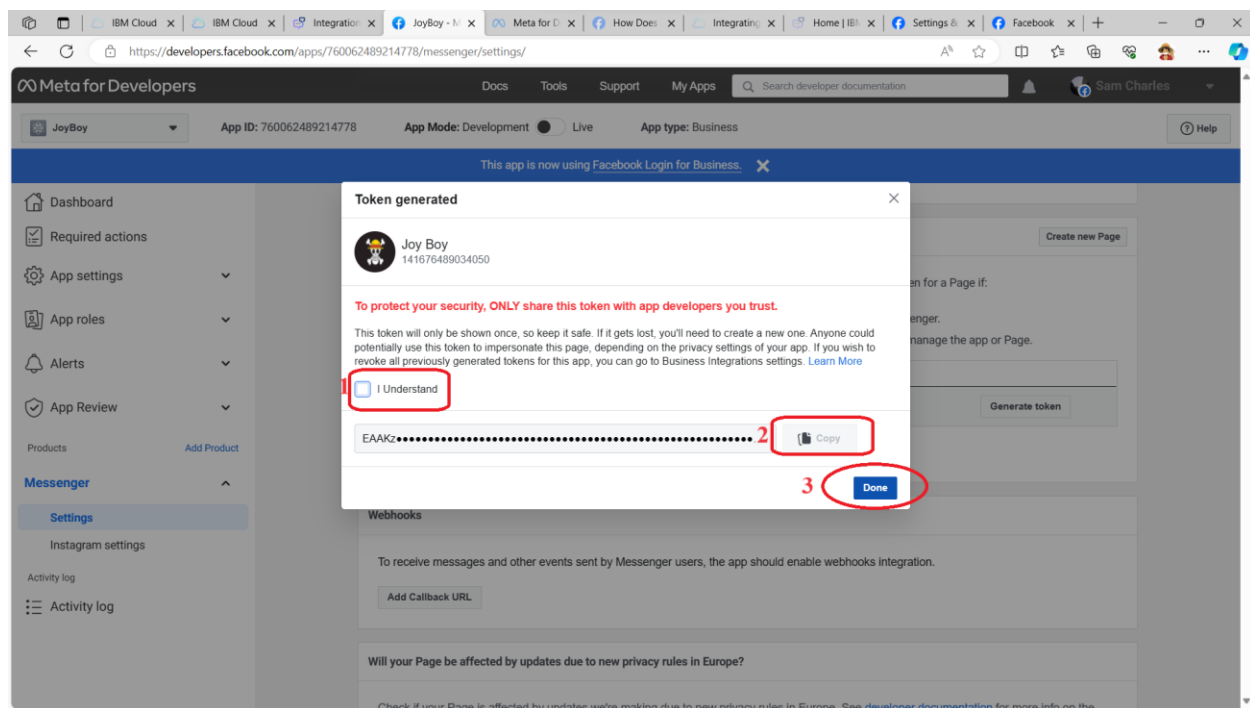
Fig(20)



Fig(21)

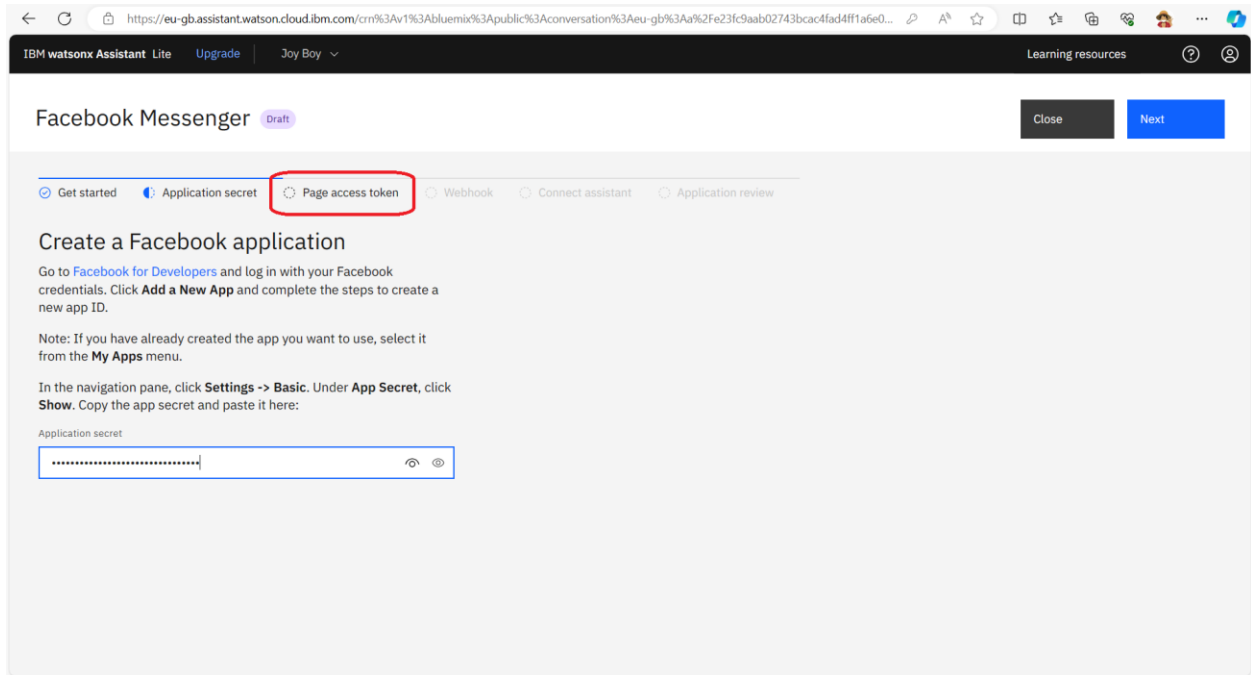


Fig(22)



Fig(23)

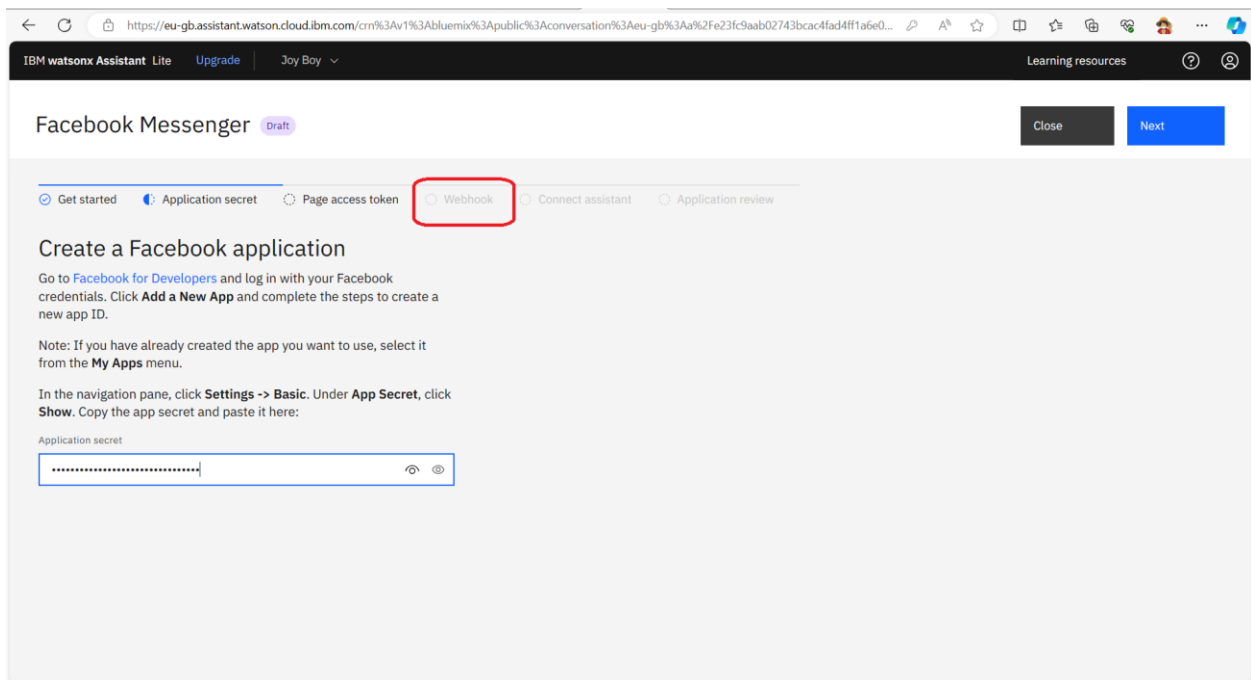
- **Paste the page access token**



Fig(24)

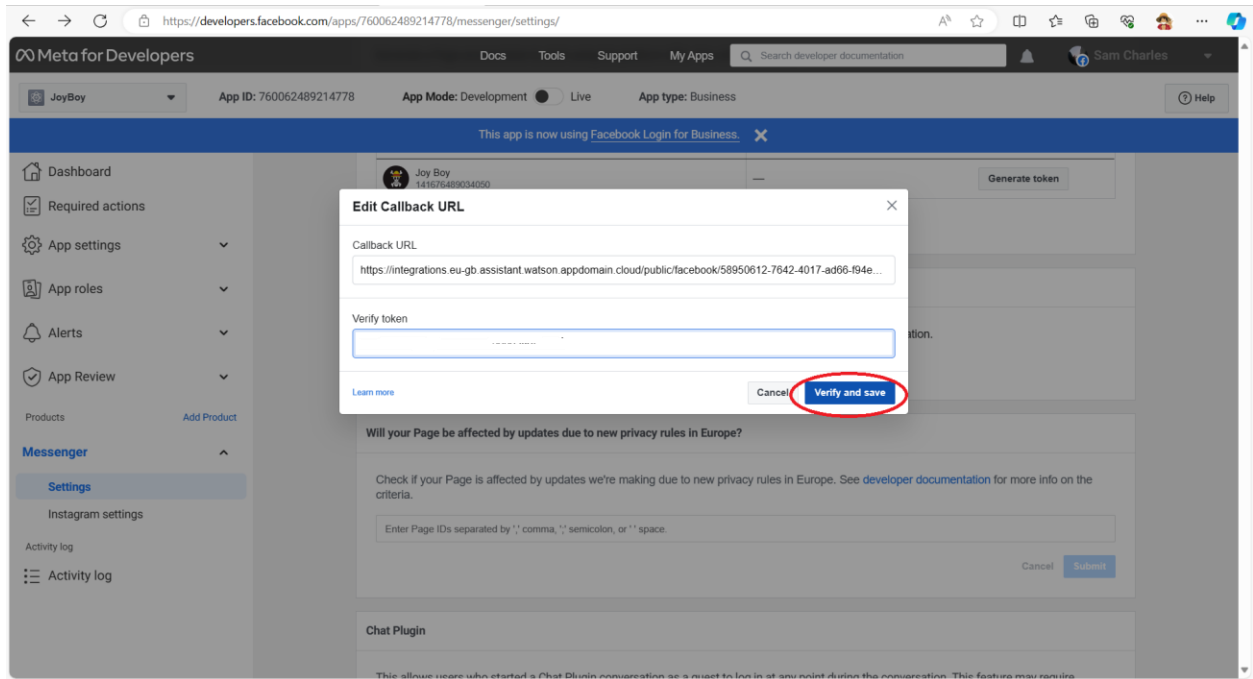
#### Step 4: Webhook.

We have to find the web hook.

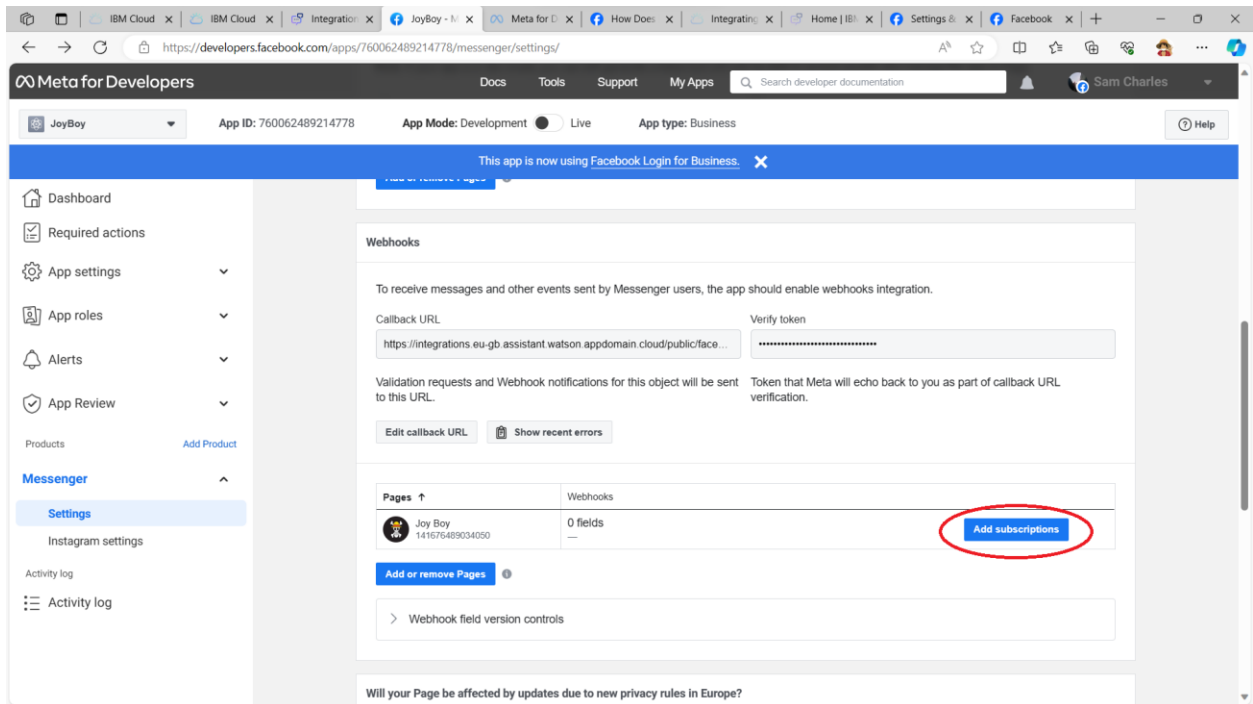


Fig(25)

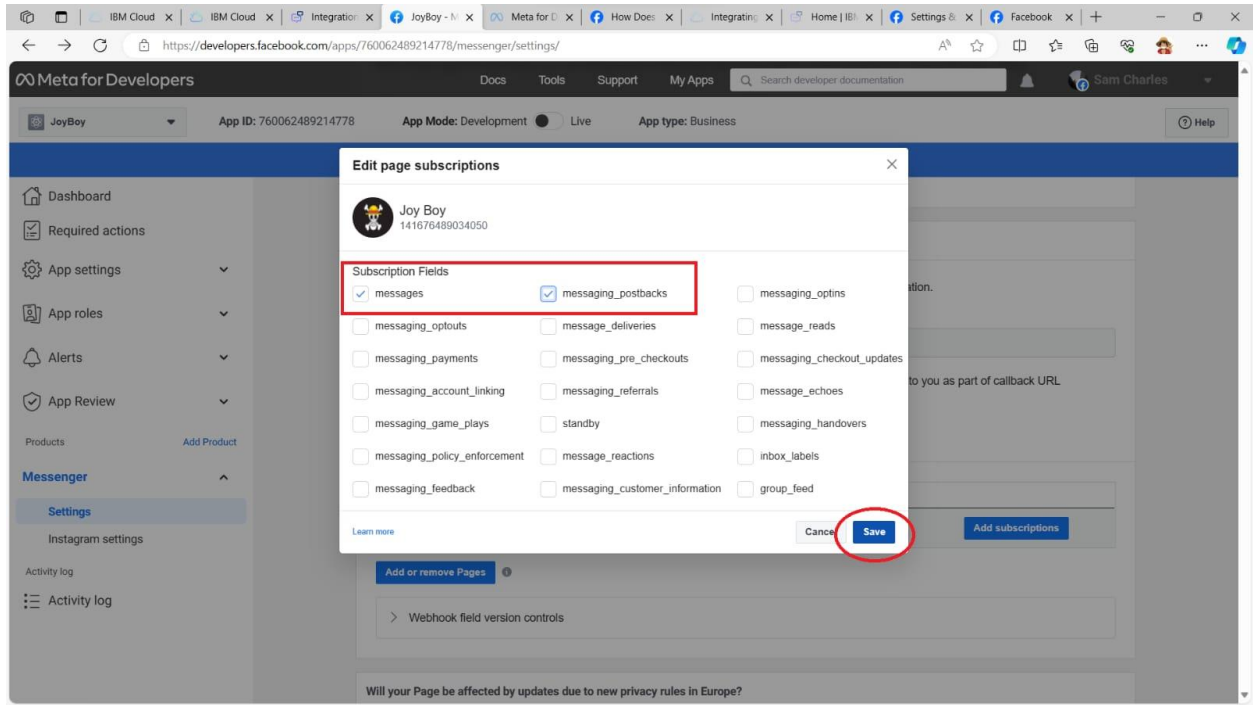




Fig(26)

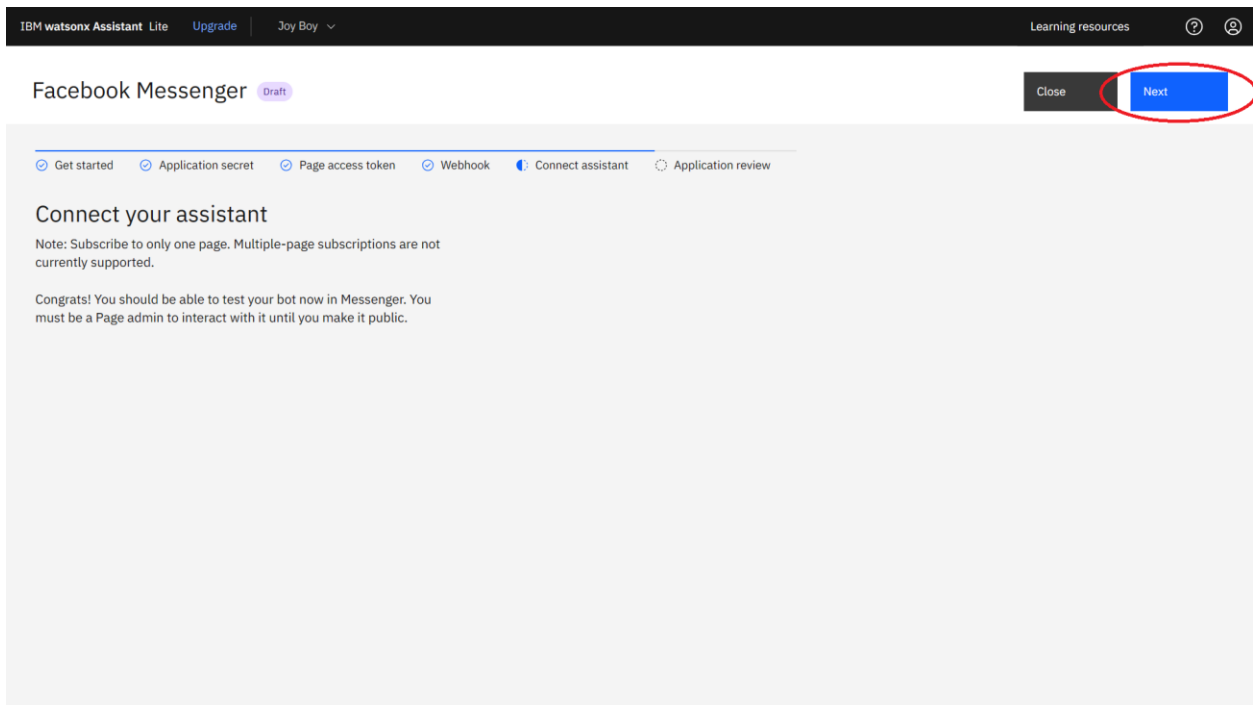


Fig(27)



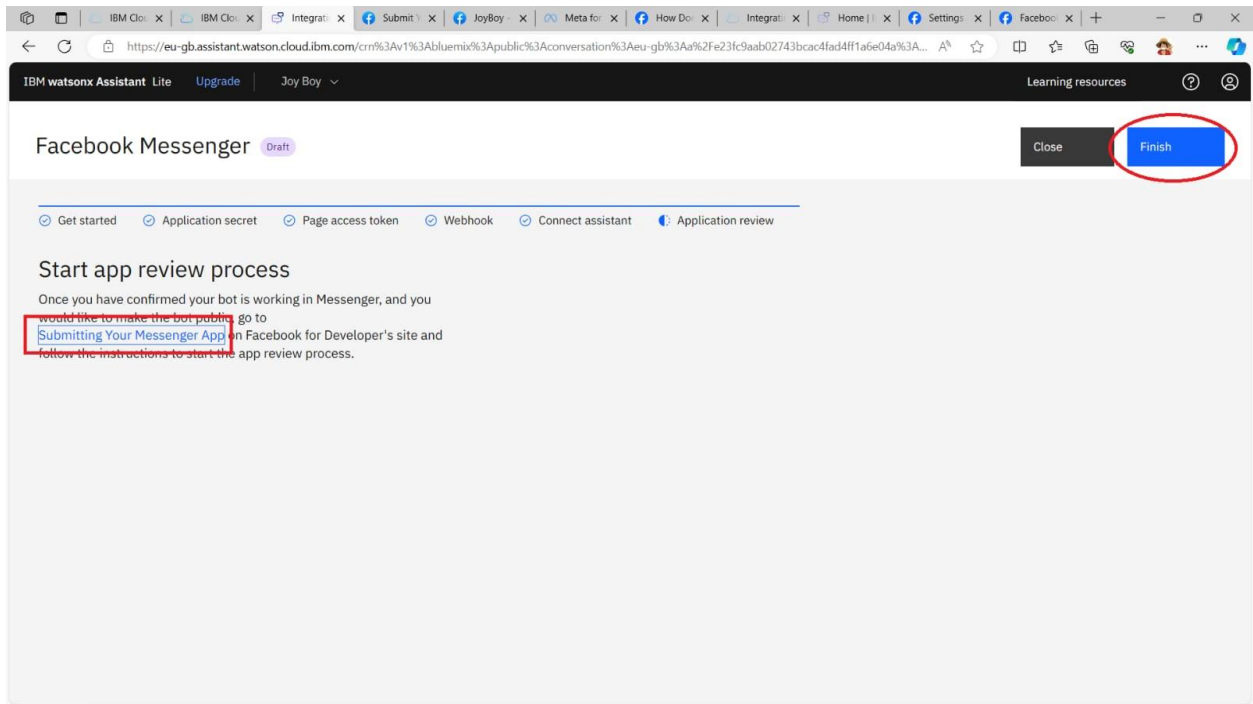
Fig(28)

## Step 5: Connect your Assistant



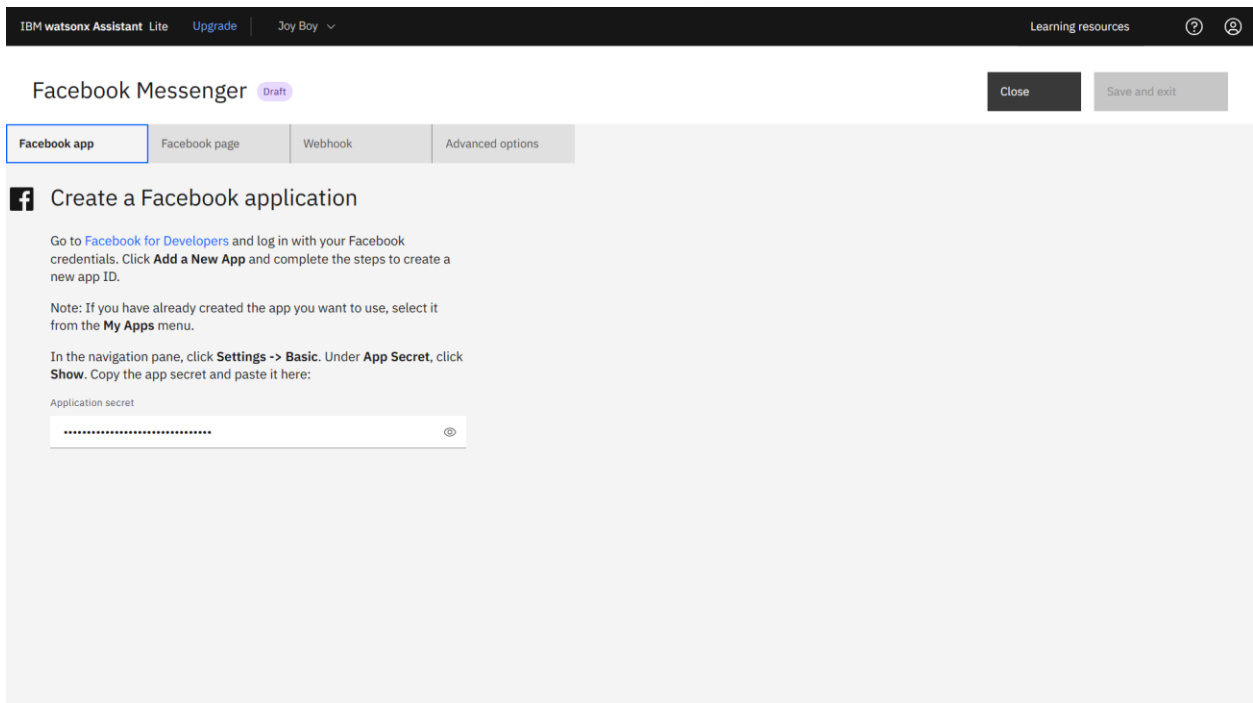
Fig(29)

## Step 6: Application review.

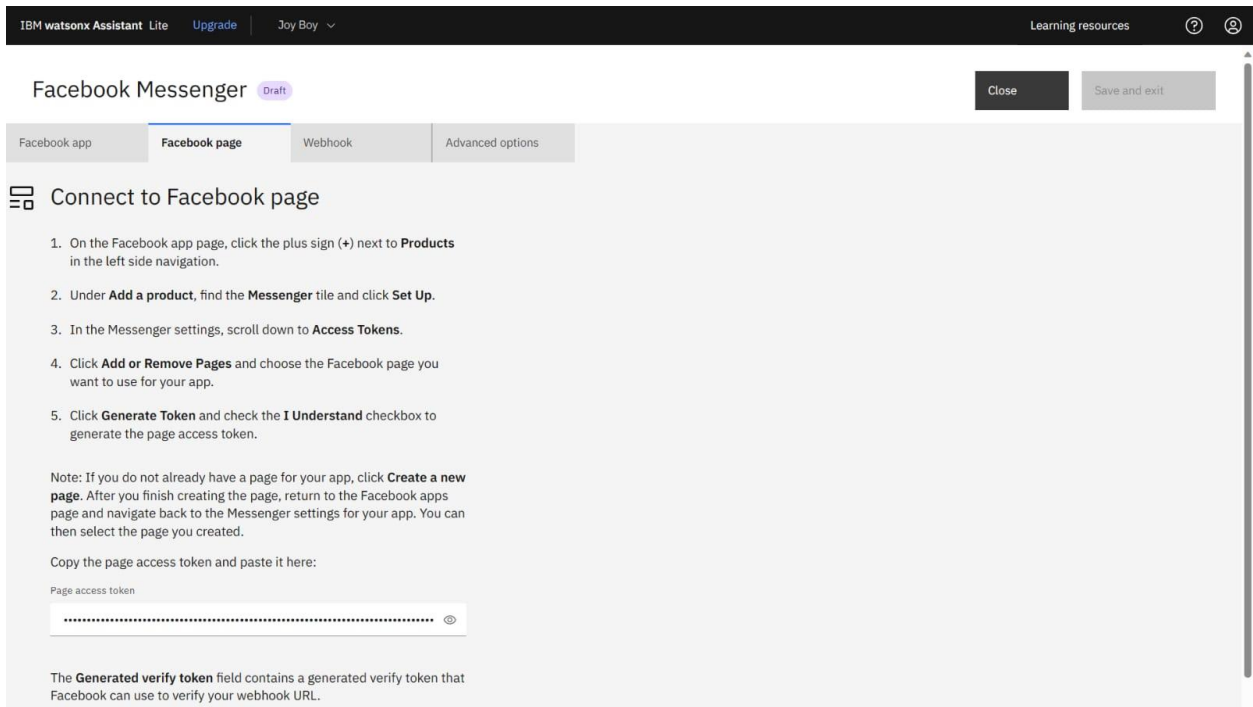


Fig(30)

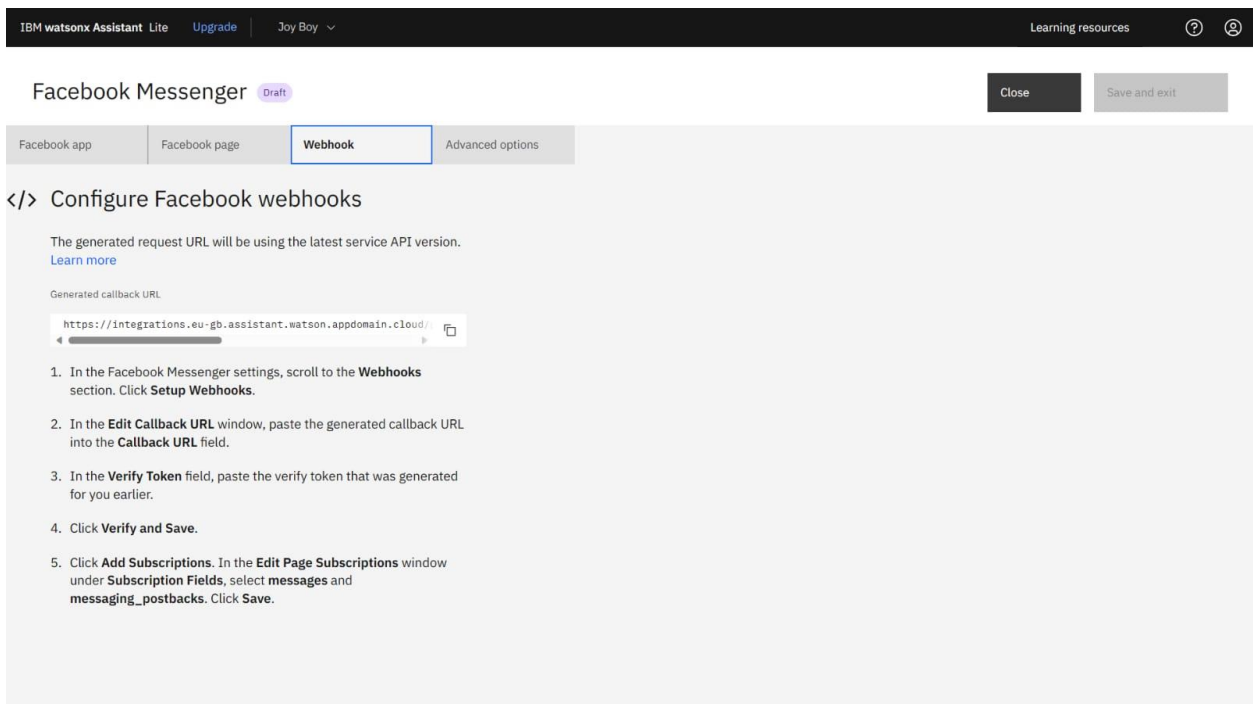
## Step 7 : Review all the above process.



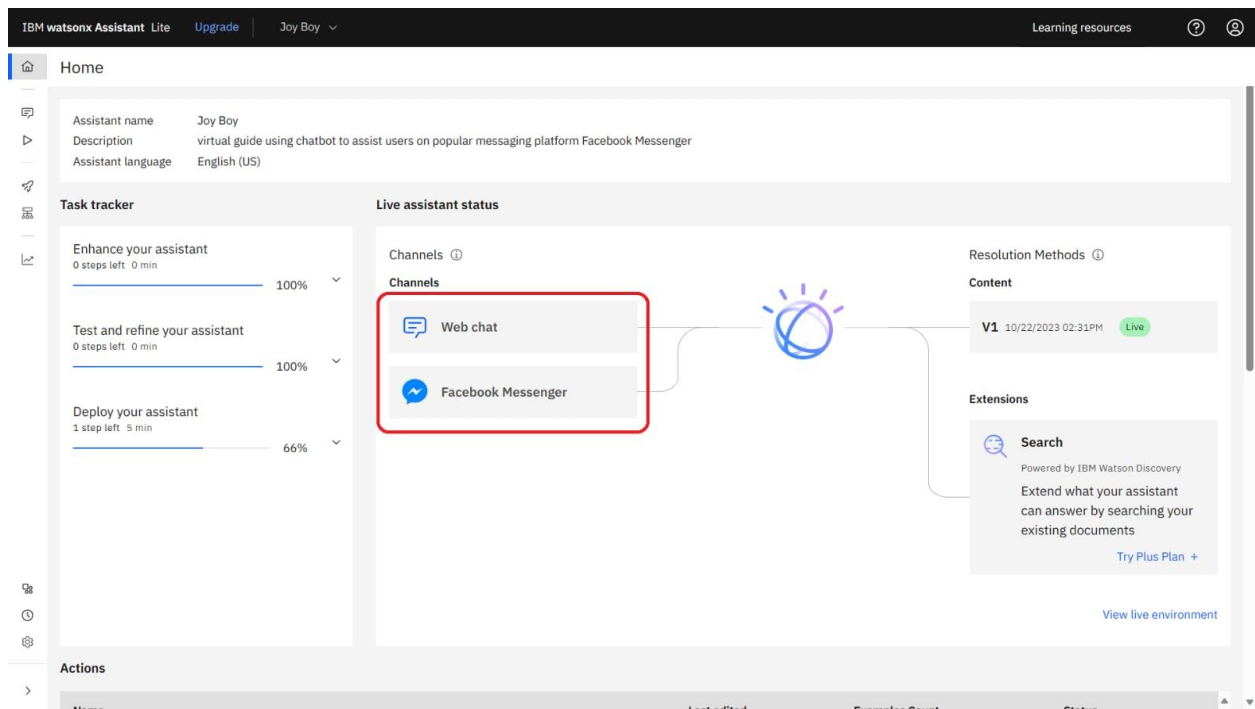
Fig(31)



Fig(32)



Fig(33)



Fig(34)