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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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.**
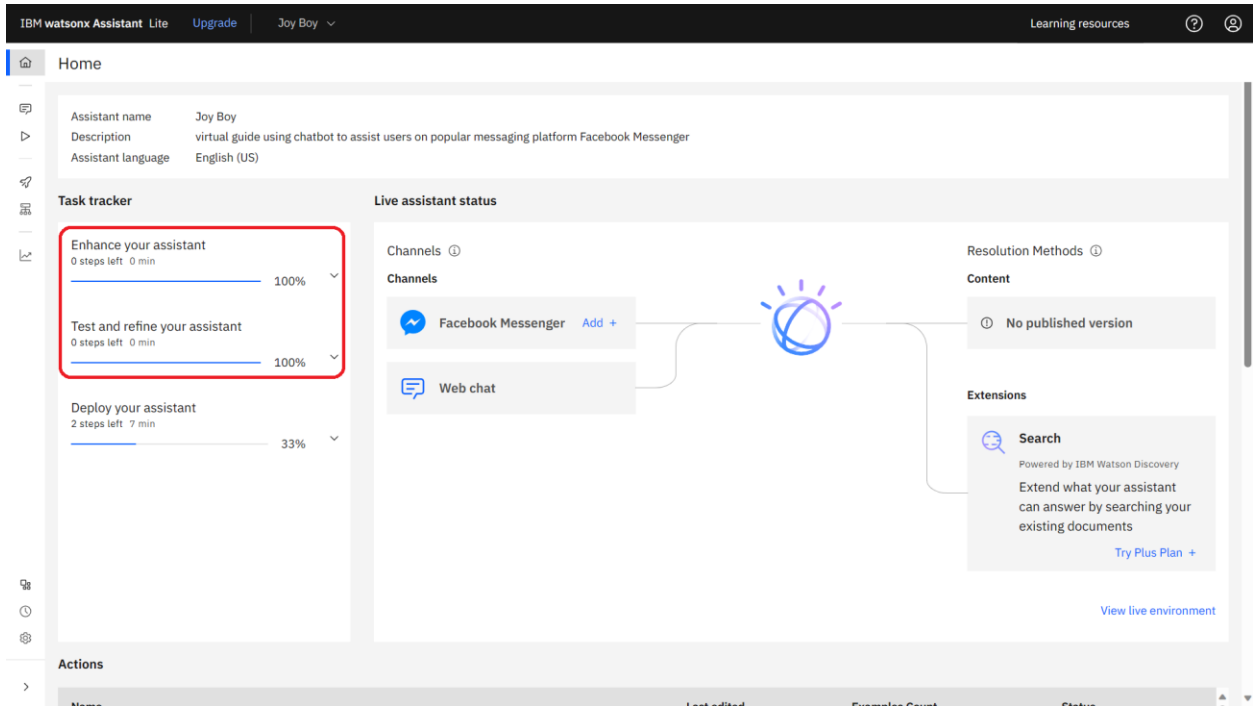
Fig(1)

- **Integrate the chatbot with the Facebook Messenger.**
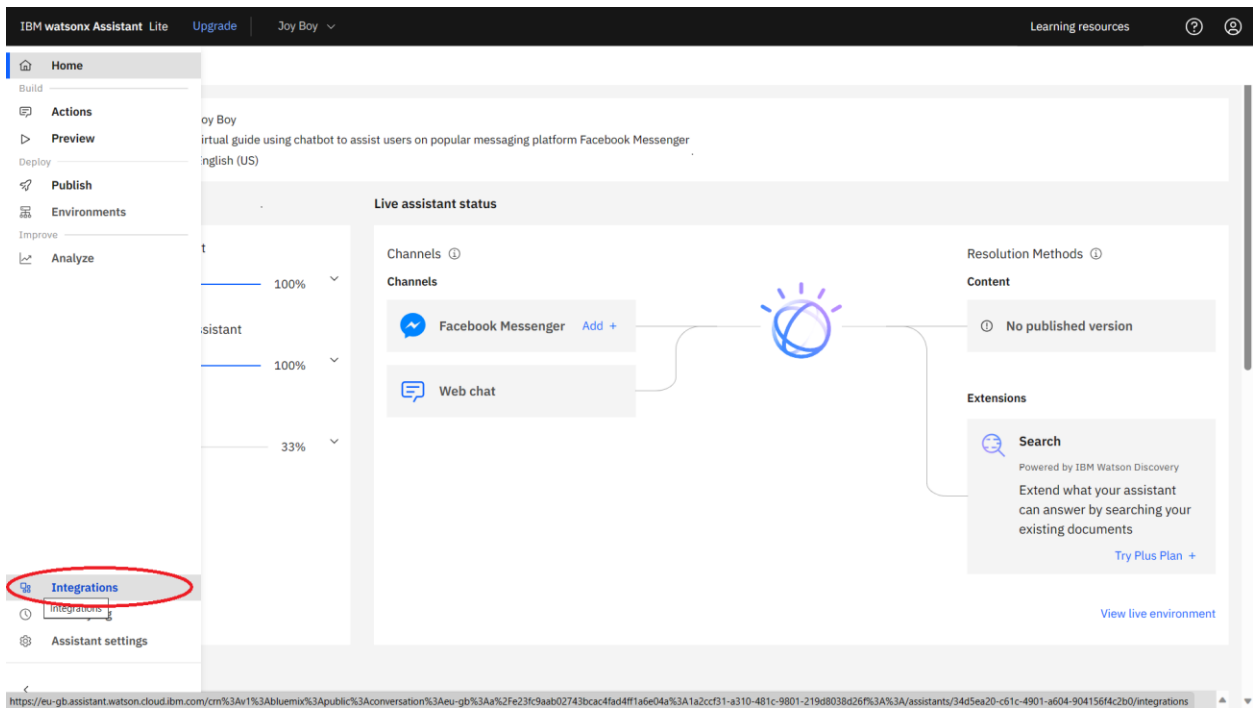
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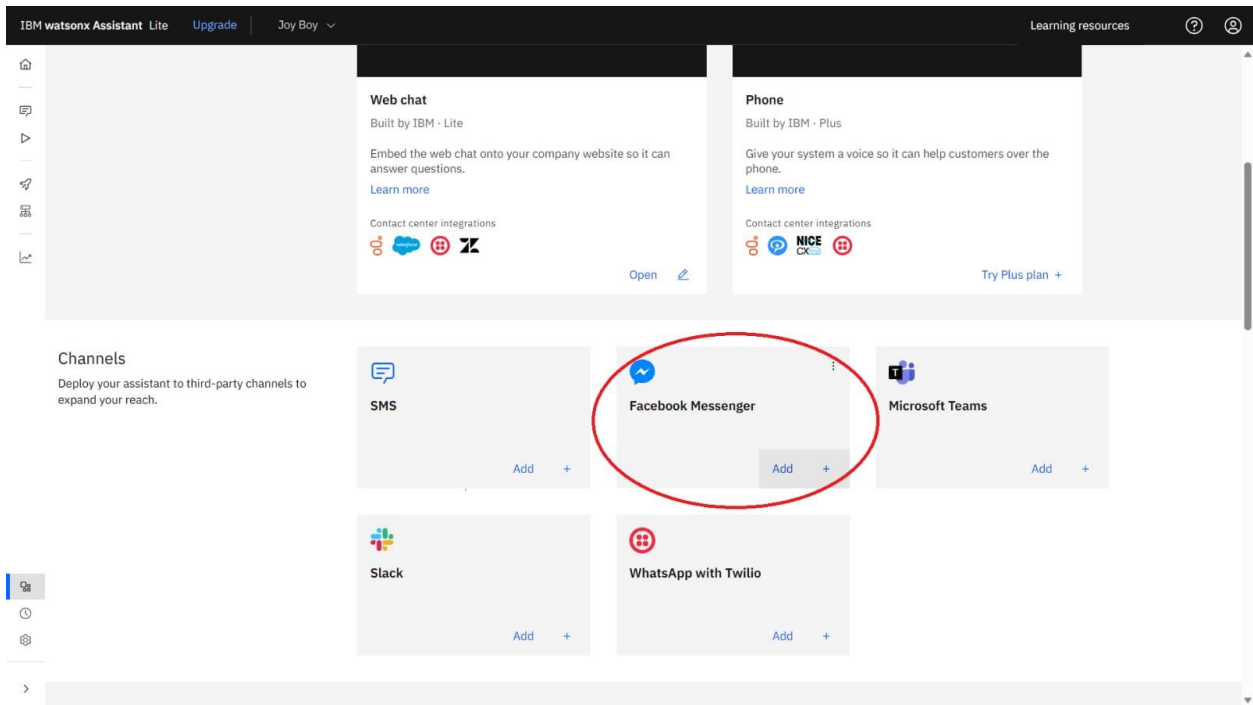
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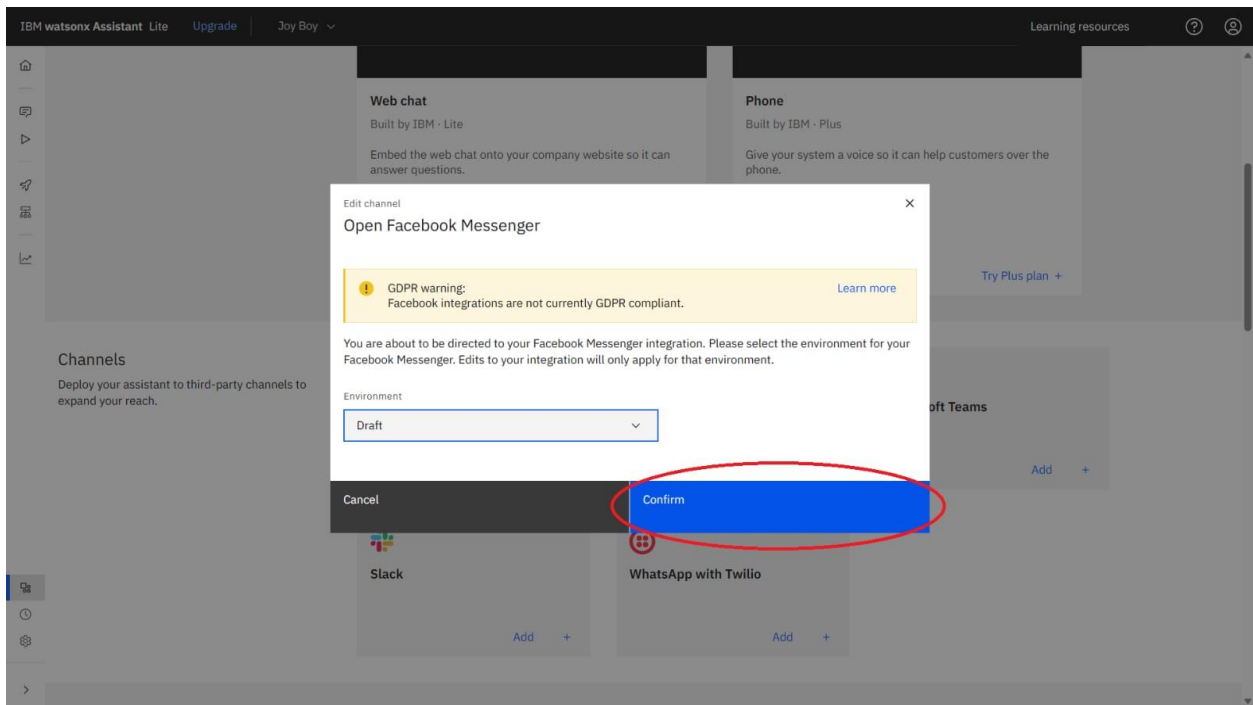
Fig(4)

Step 1: Get Started.
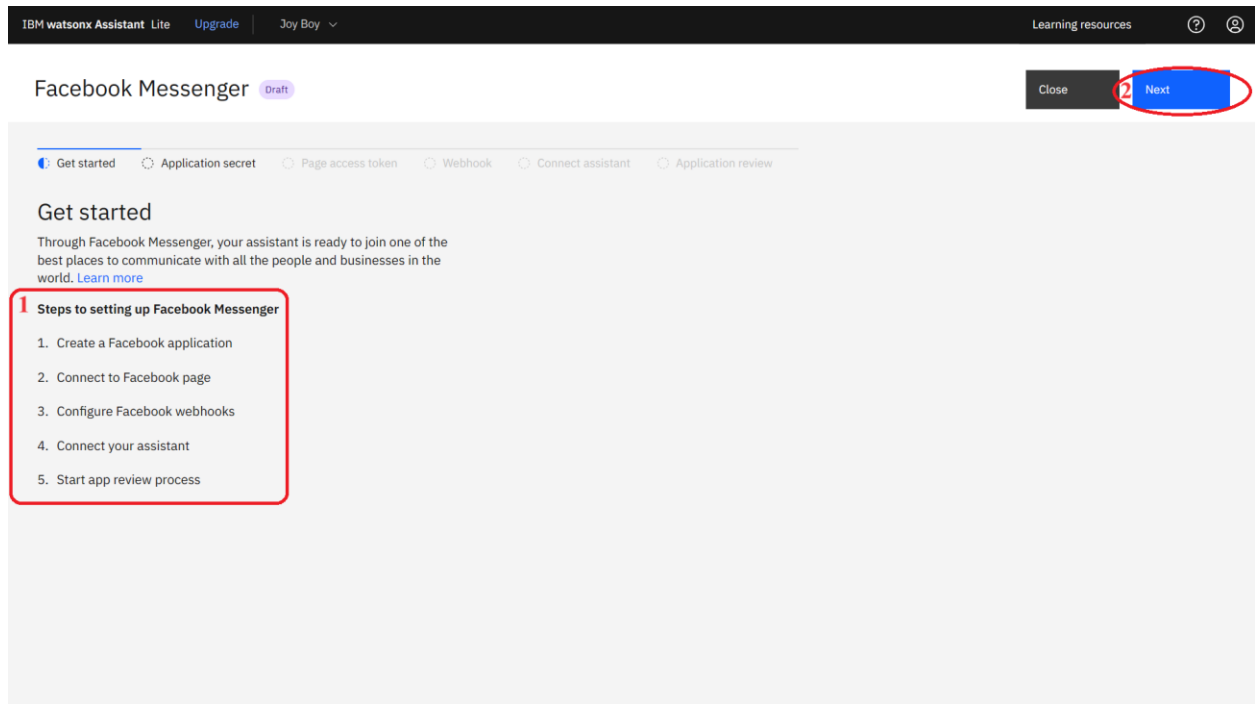
Fig(5)

Step 2 : Application secret.

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

Fig(6)

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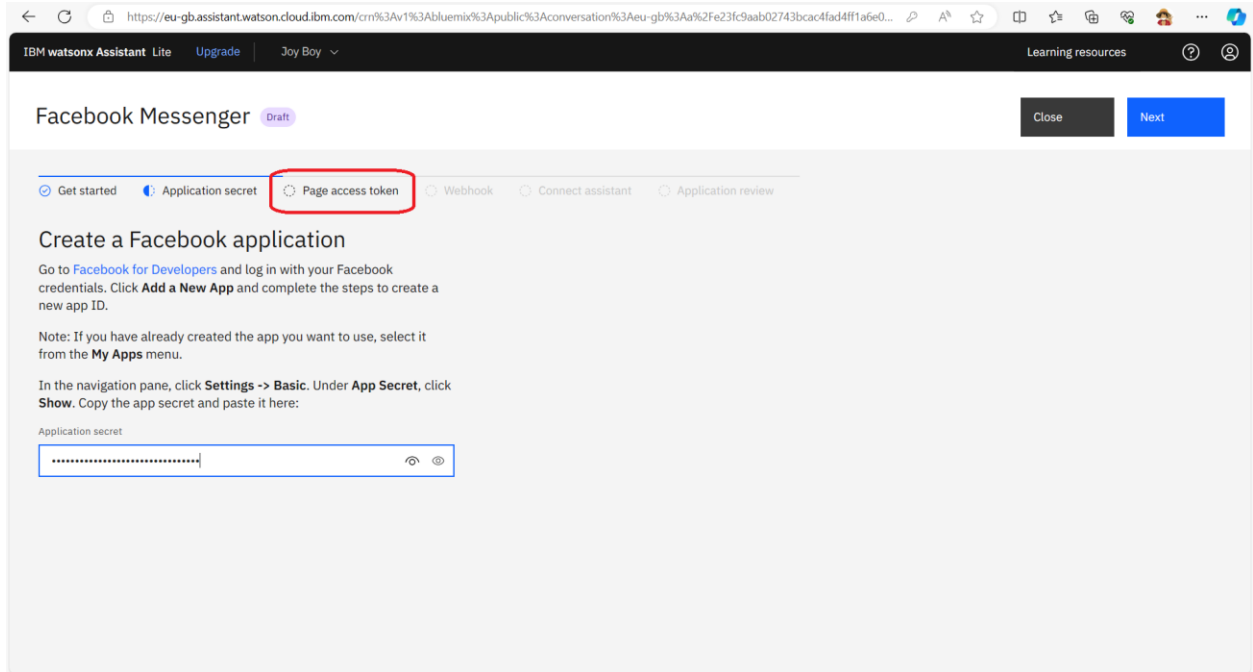

Fig(7)

Fig(8)

Fig(9)

Fig(10)

Fig(11)

Fig(12)

Fig(13)

Fig(14)

Fig(15)
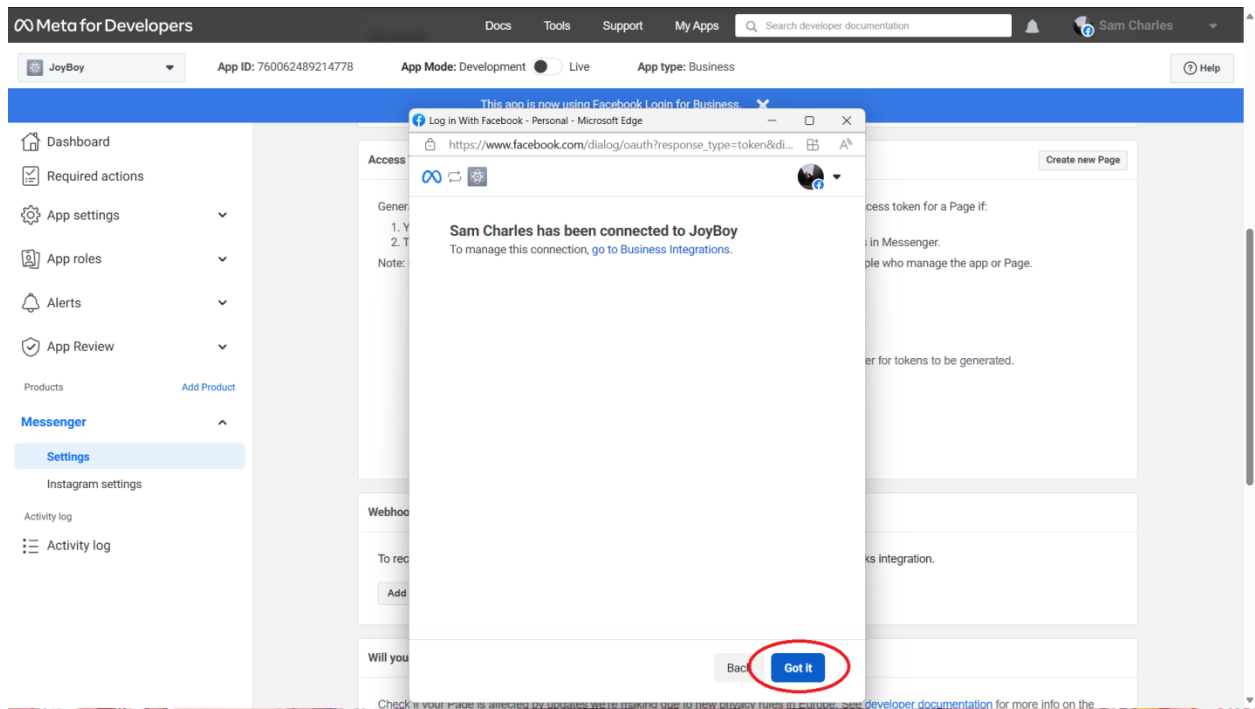
Step 3: Page Access token.
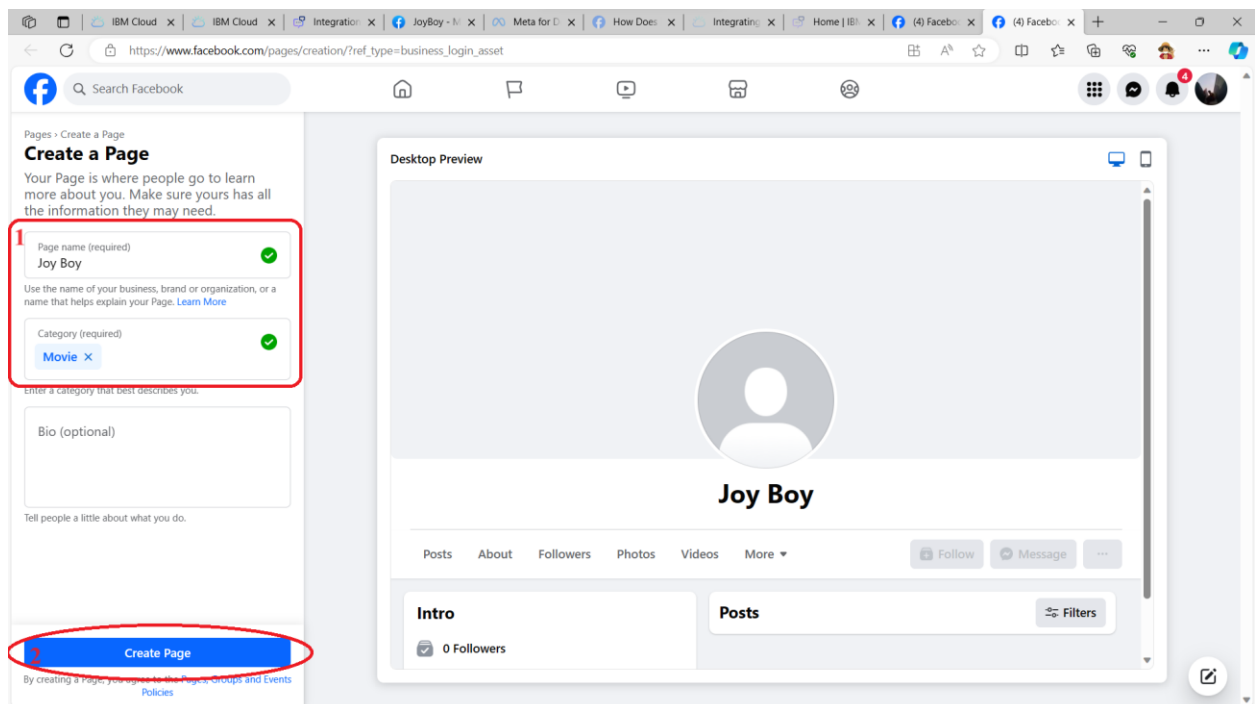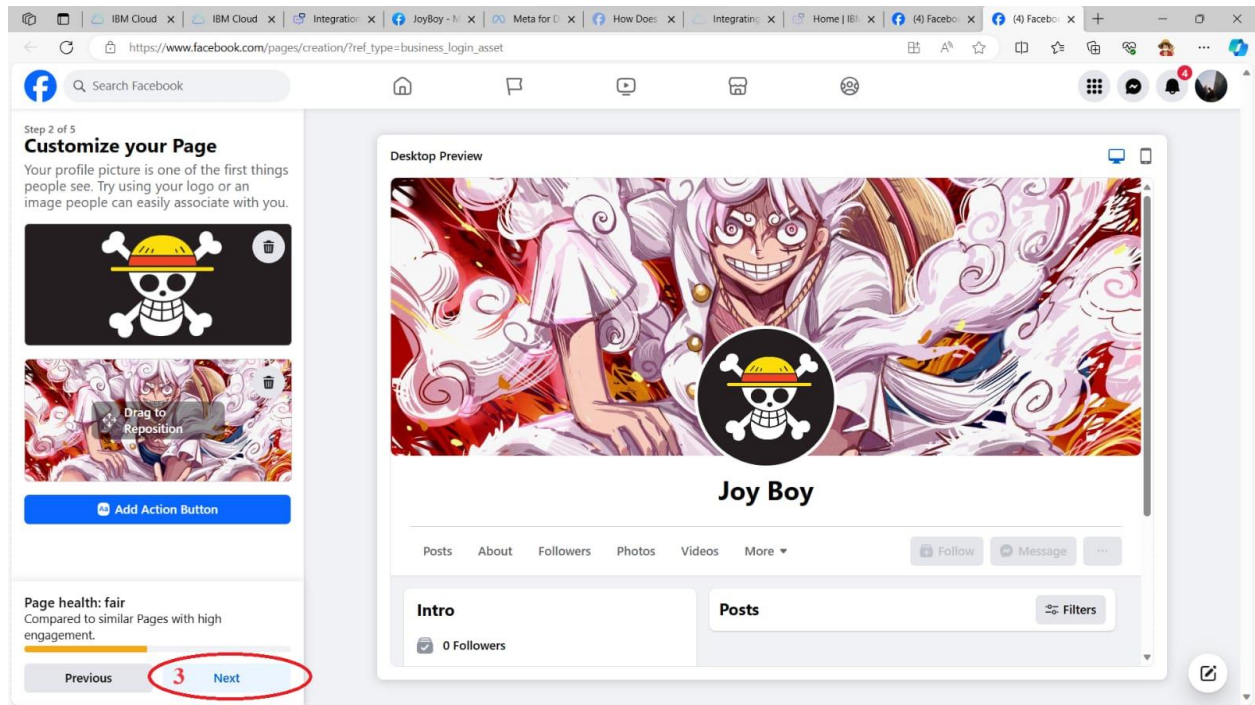
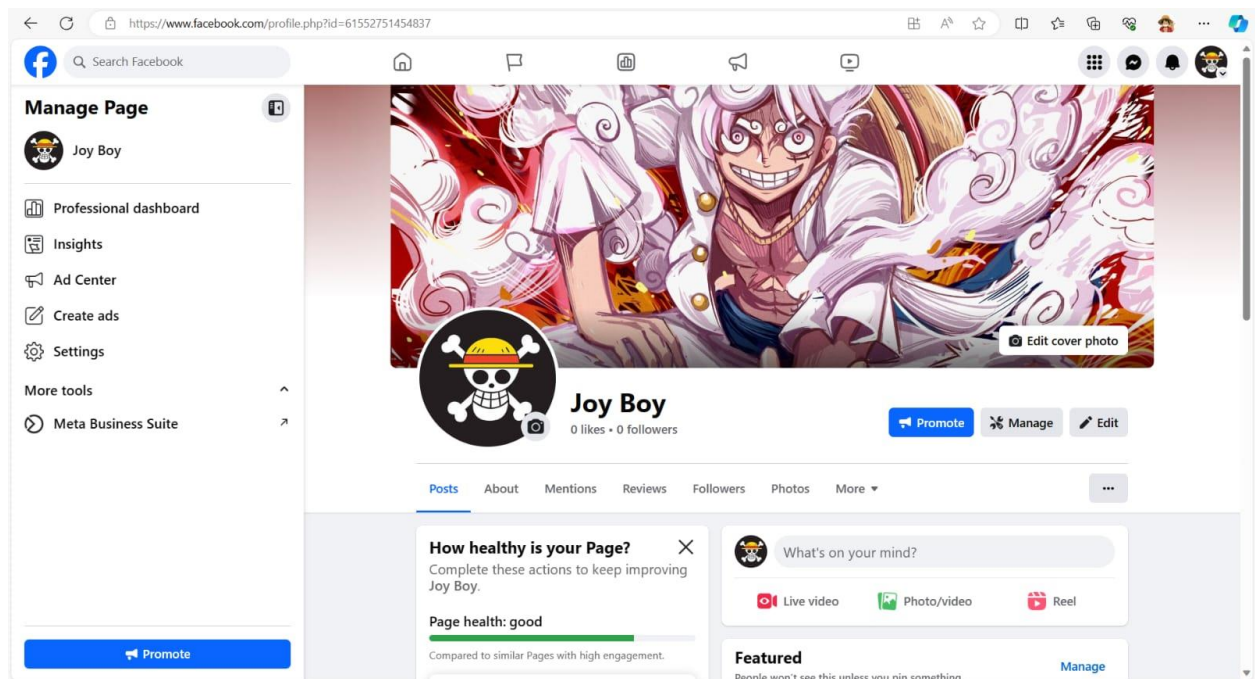We have to find the Access token.

Fig(15.1)
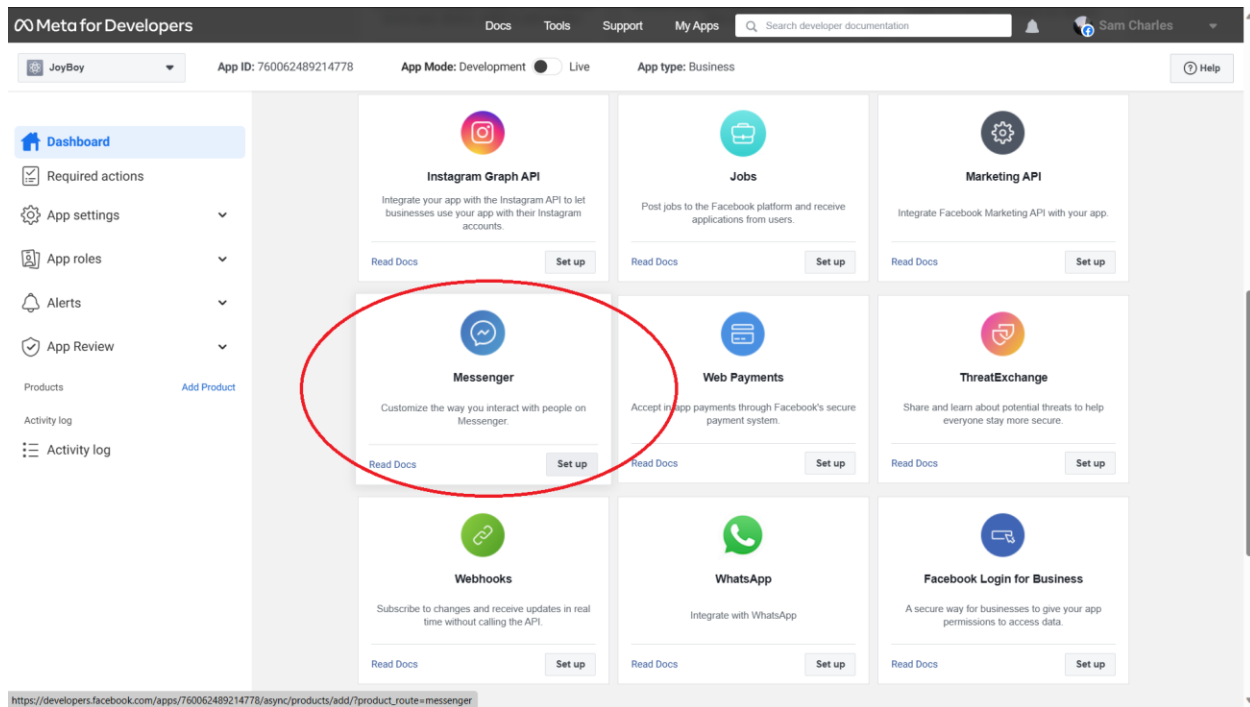
Fig(16)
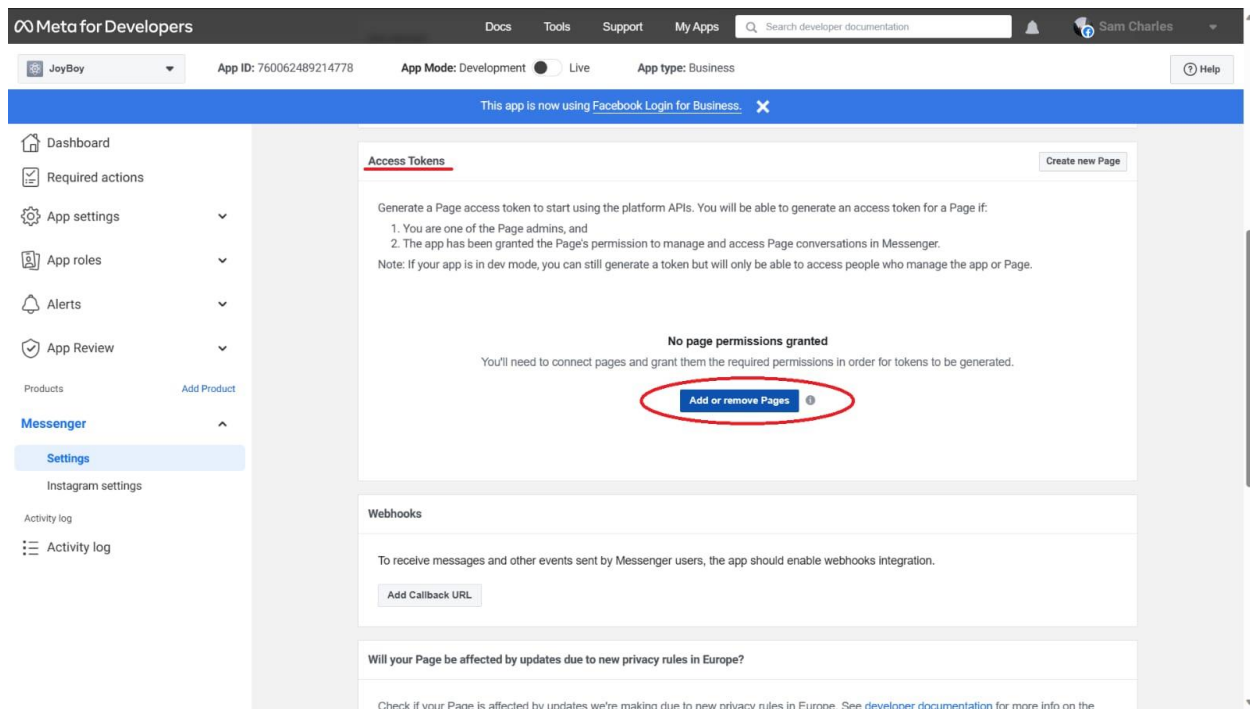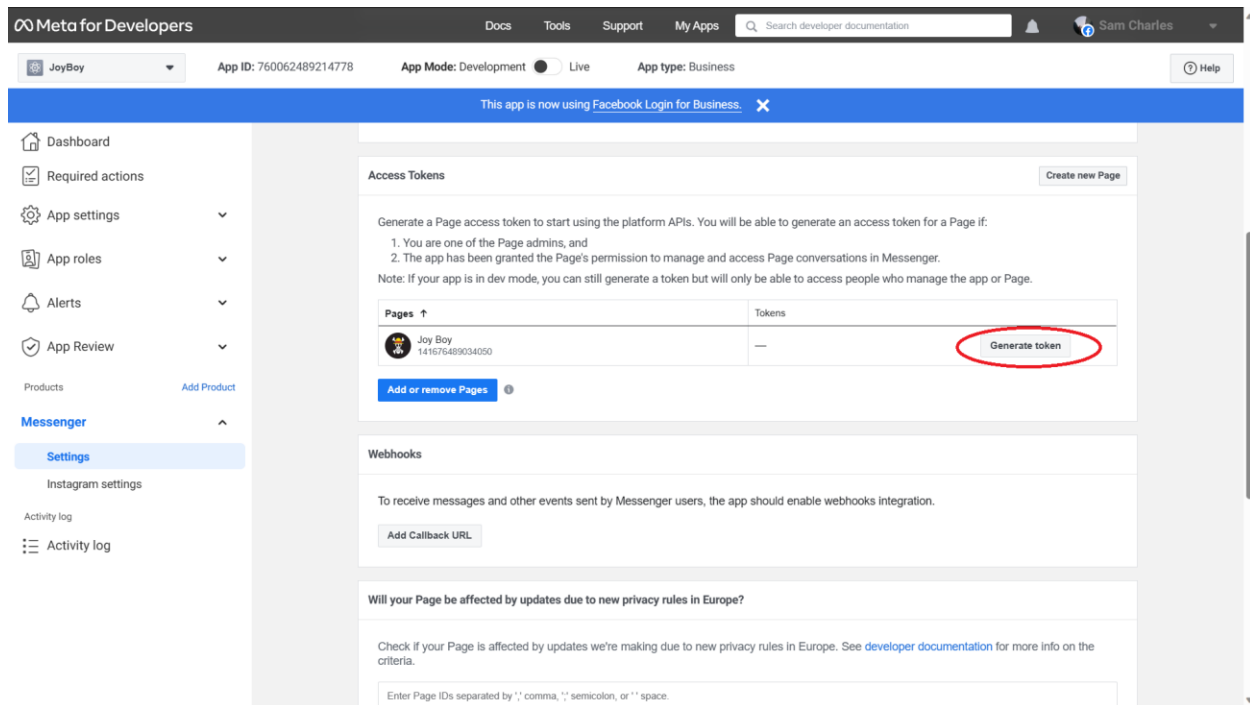

Fig(17)

Fig(18)

- **Create Facebook page.**

Fig(19)

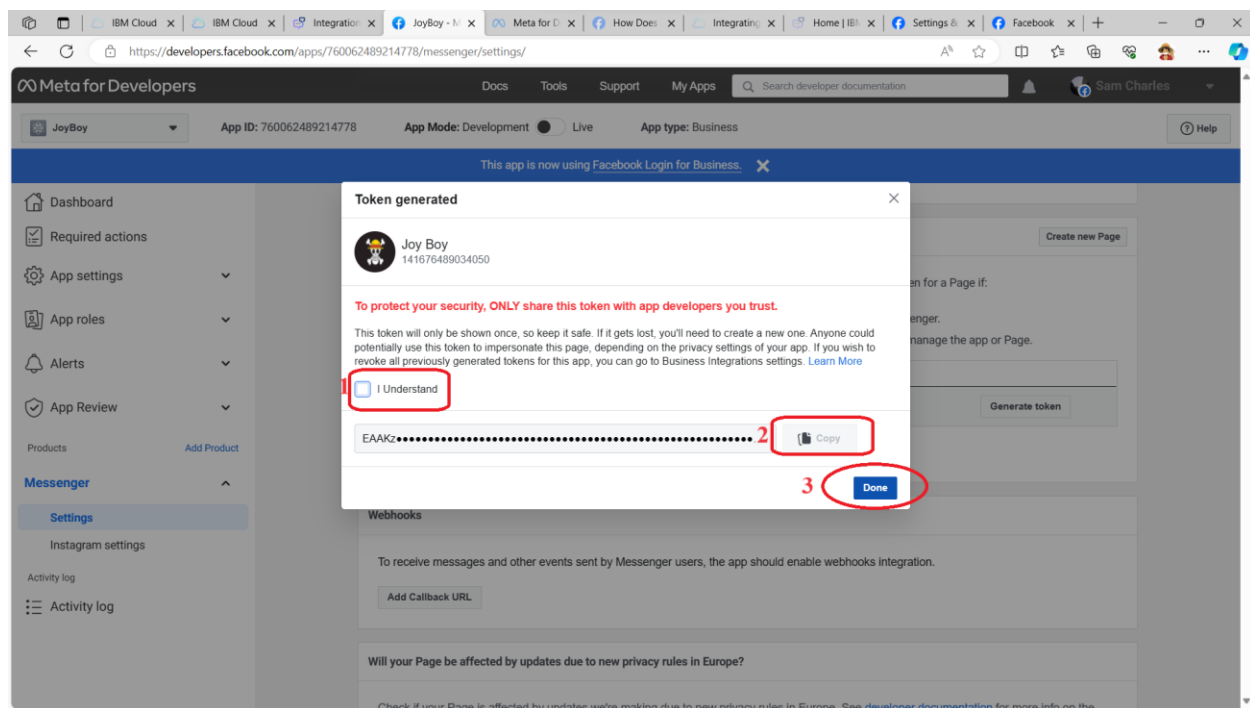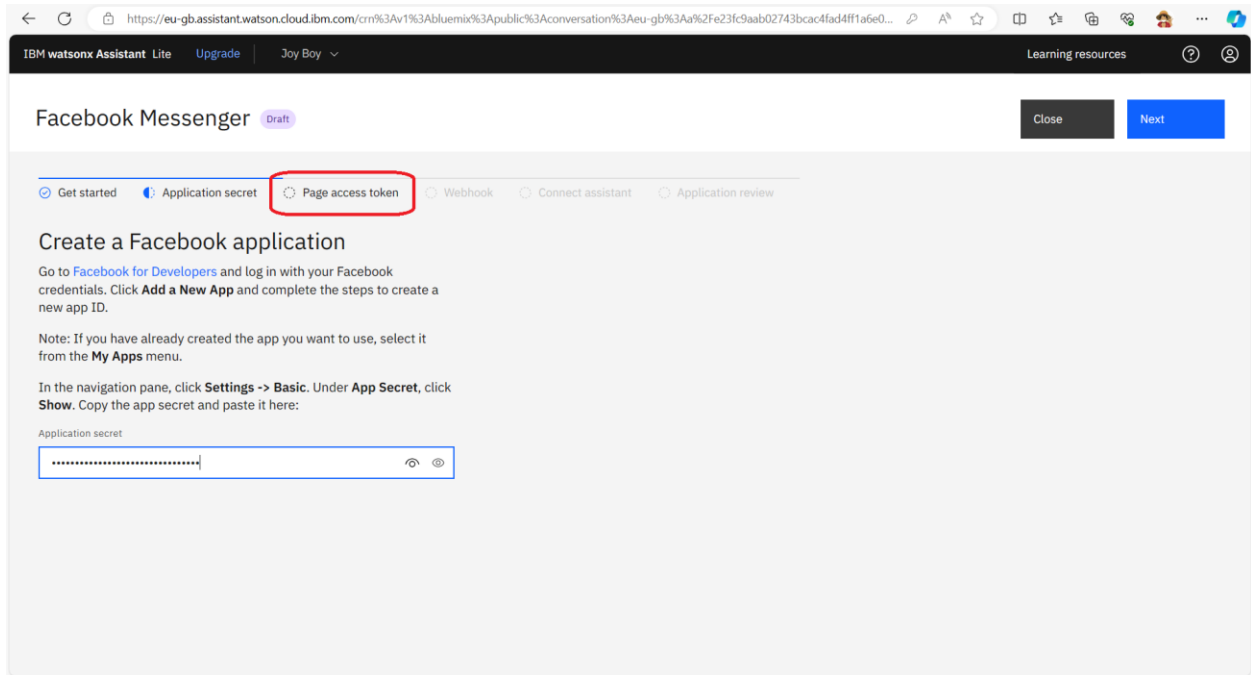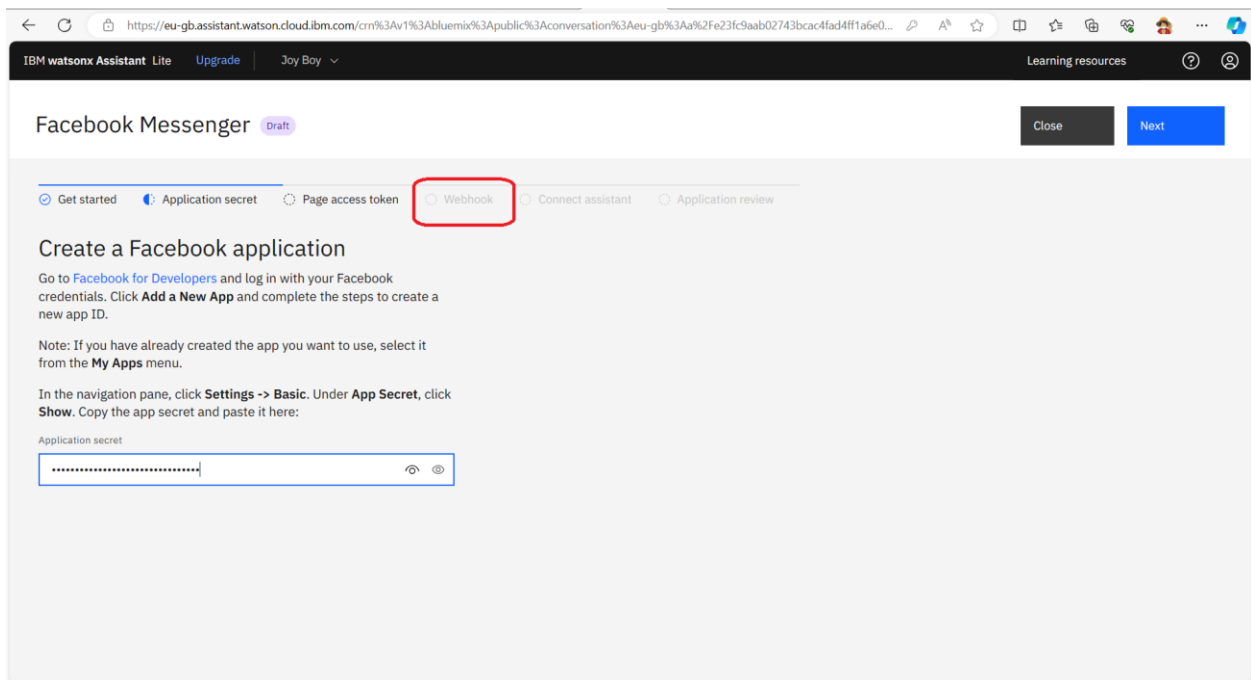Fig(20)

Fig(21)

Fig(22)
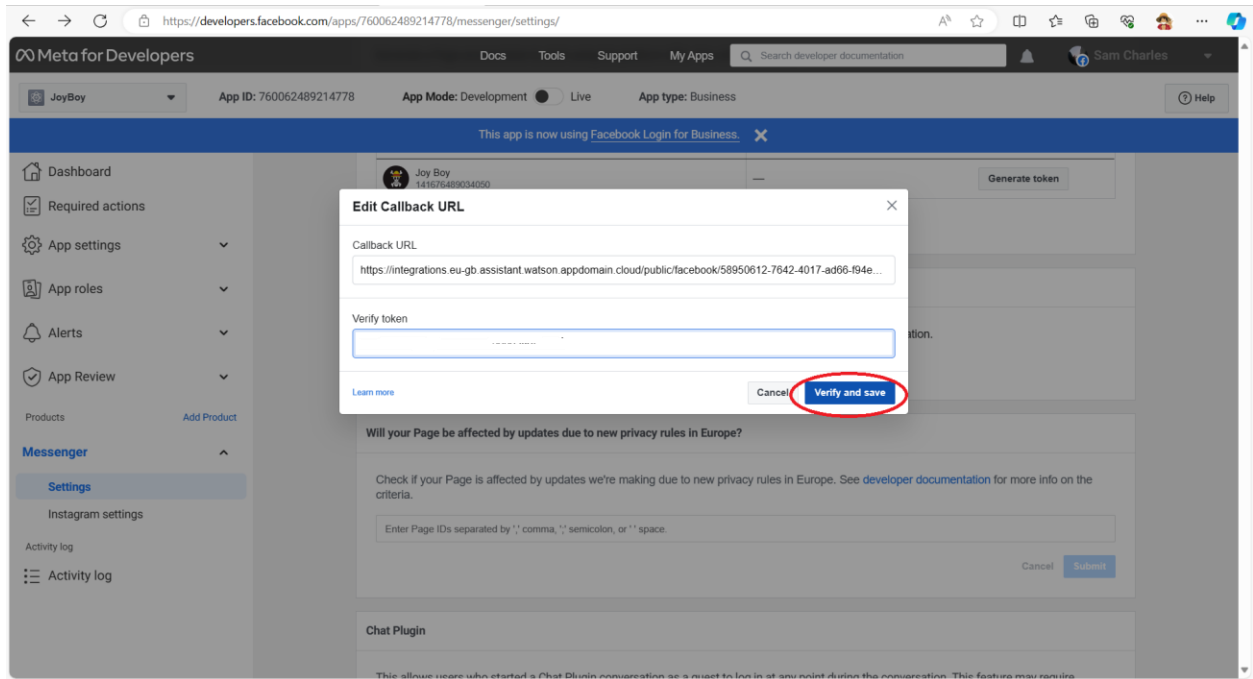

Fig(23)

- **Paste the page access token**

Fig(24)

Step 4: Webhook.

We have to find the web hook.

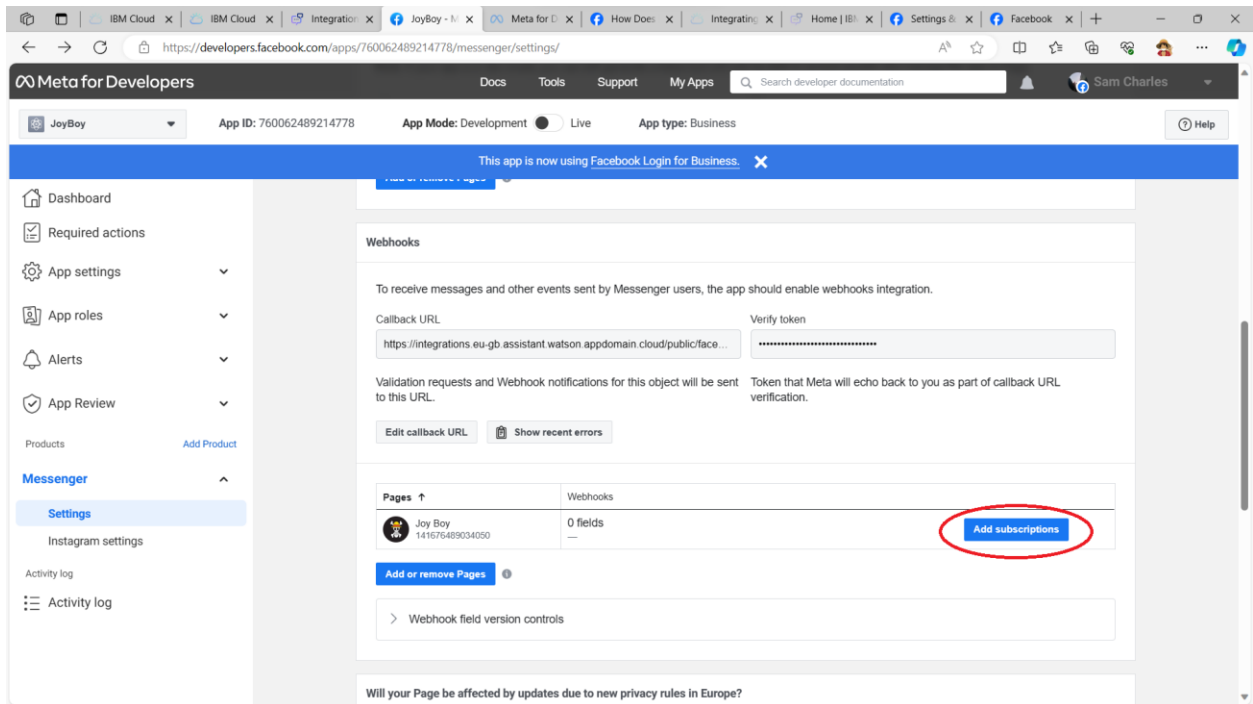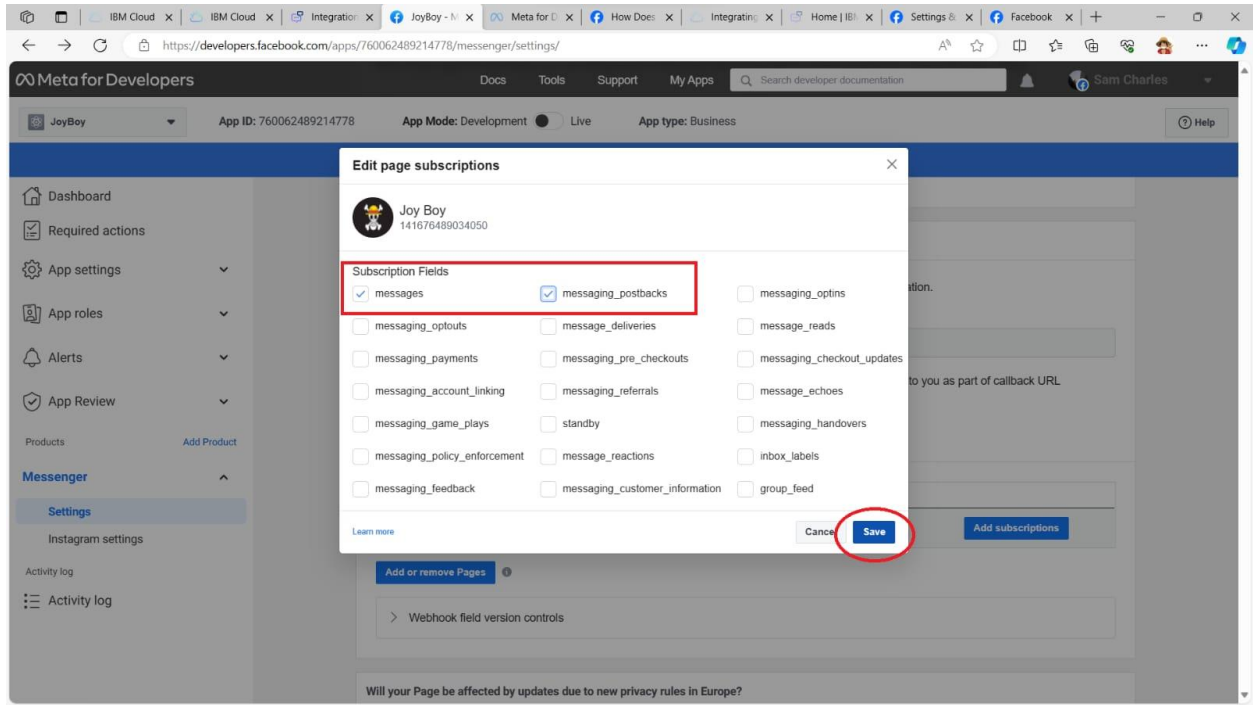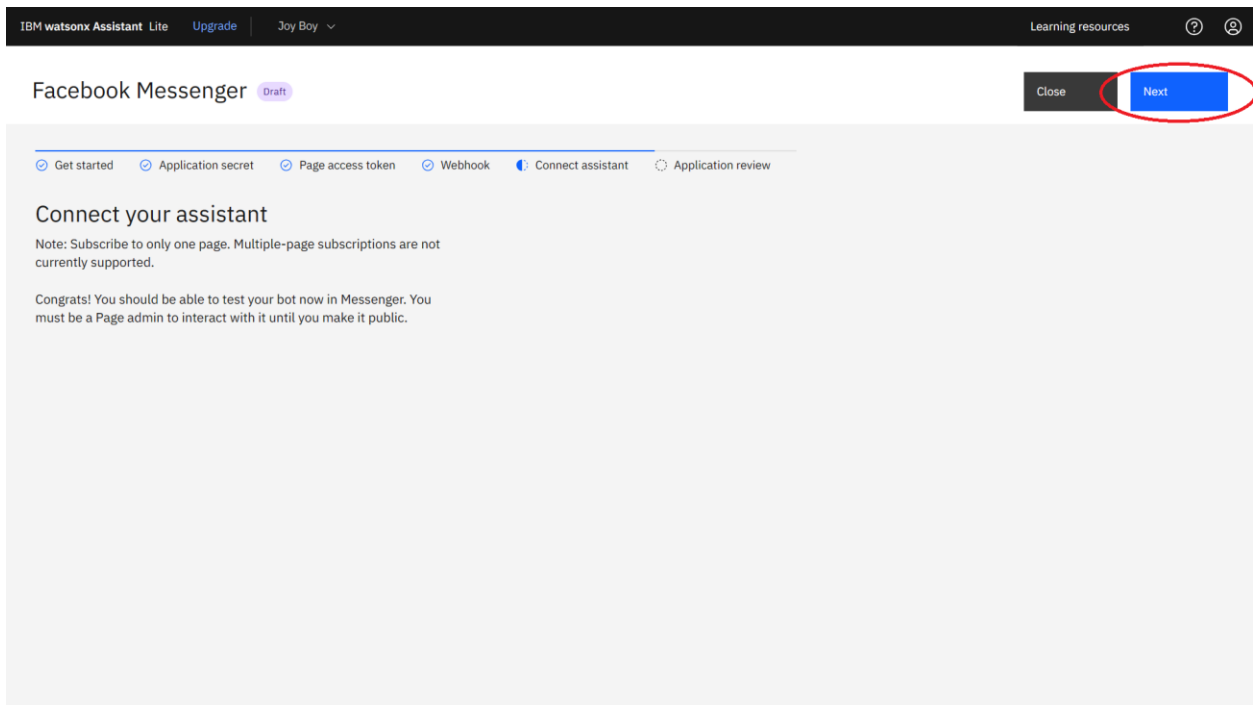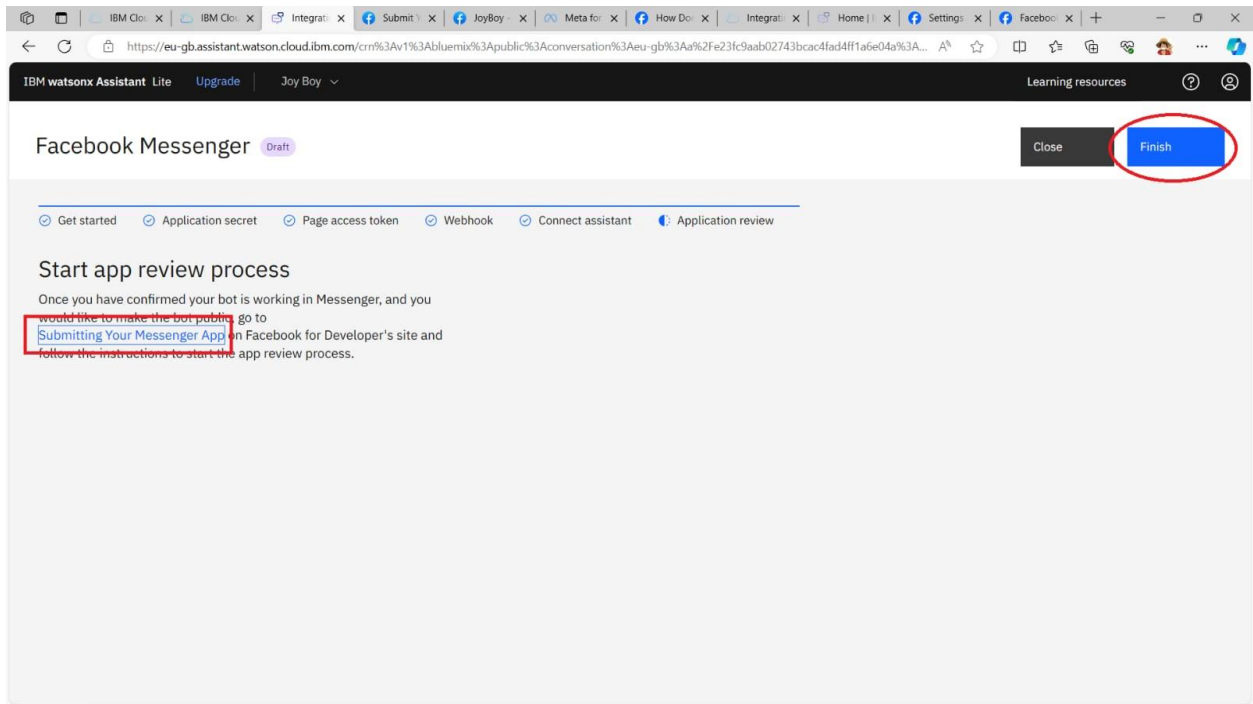

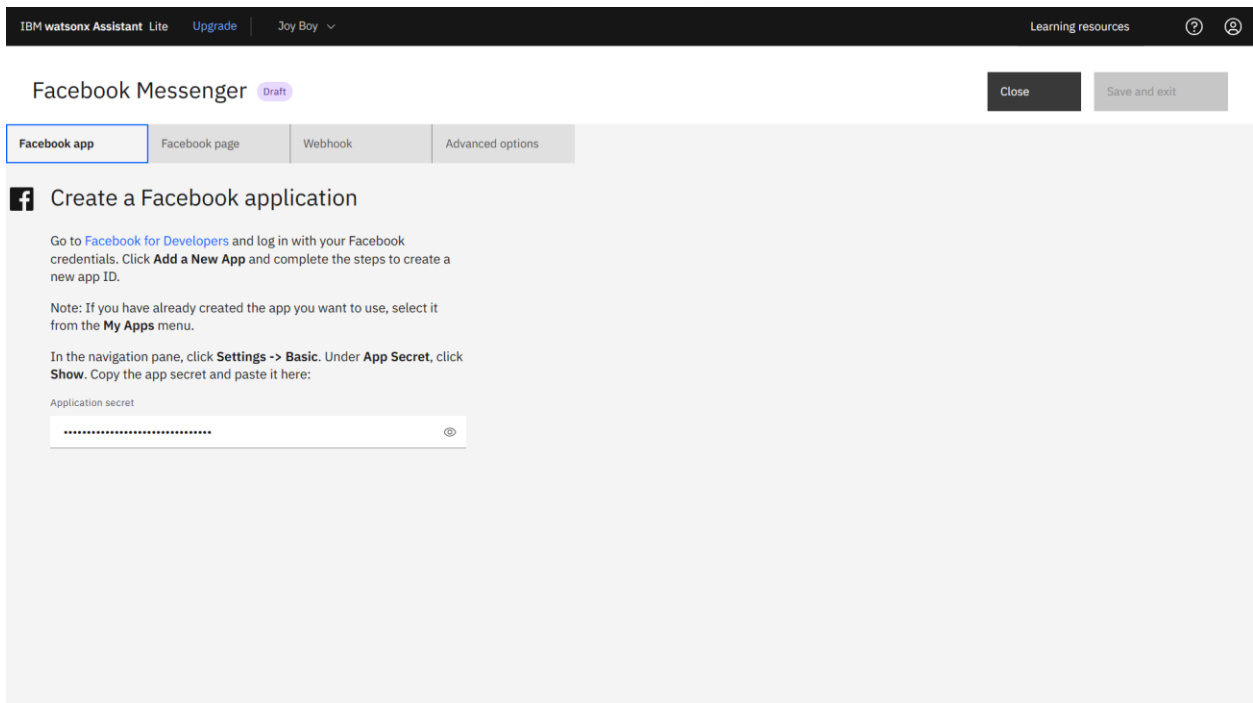Fig(25)

Fig(26)

Fig(27)

Fig(28)

Step 5: Connect your Assistant

Fig(29)

Step 6: Application review.
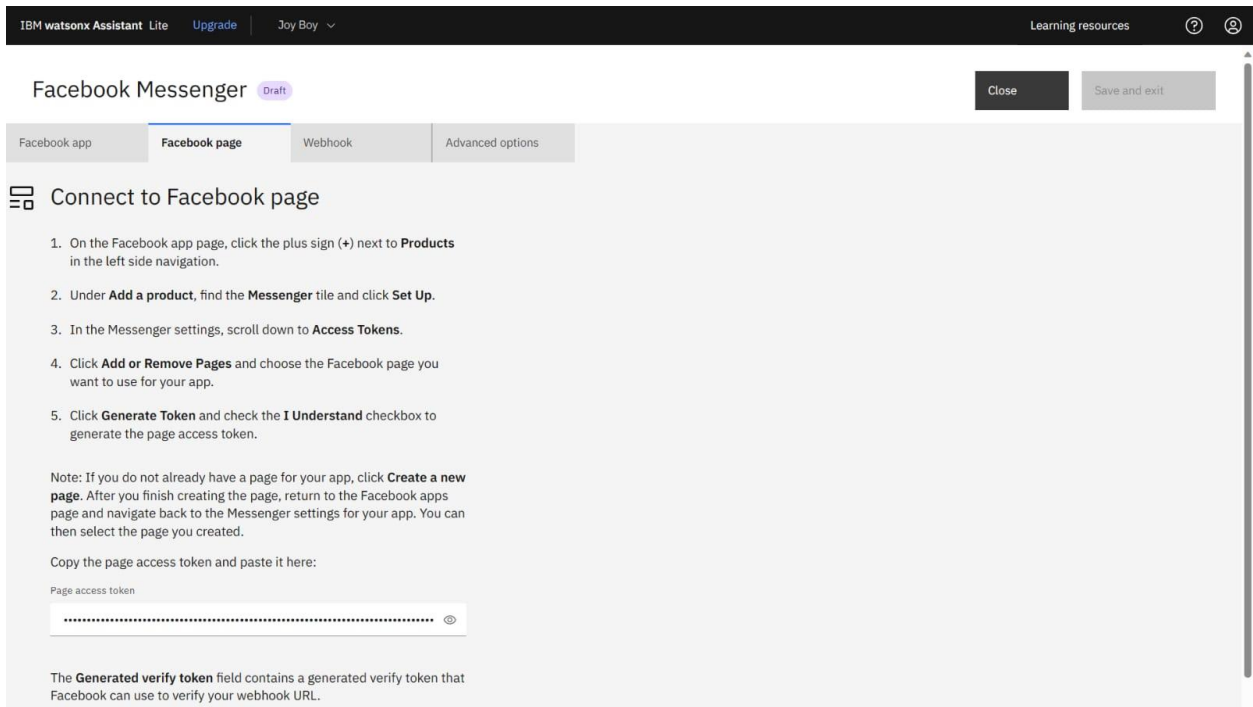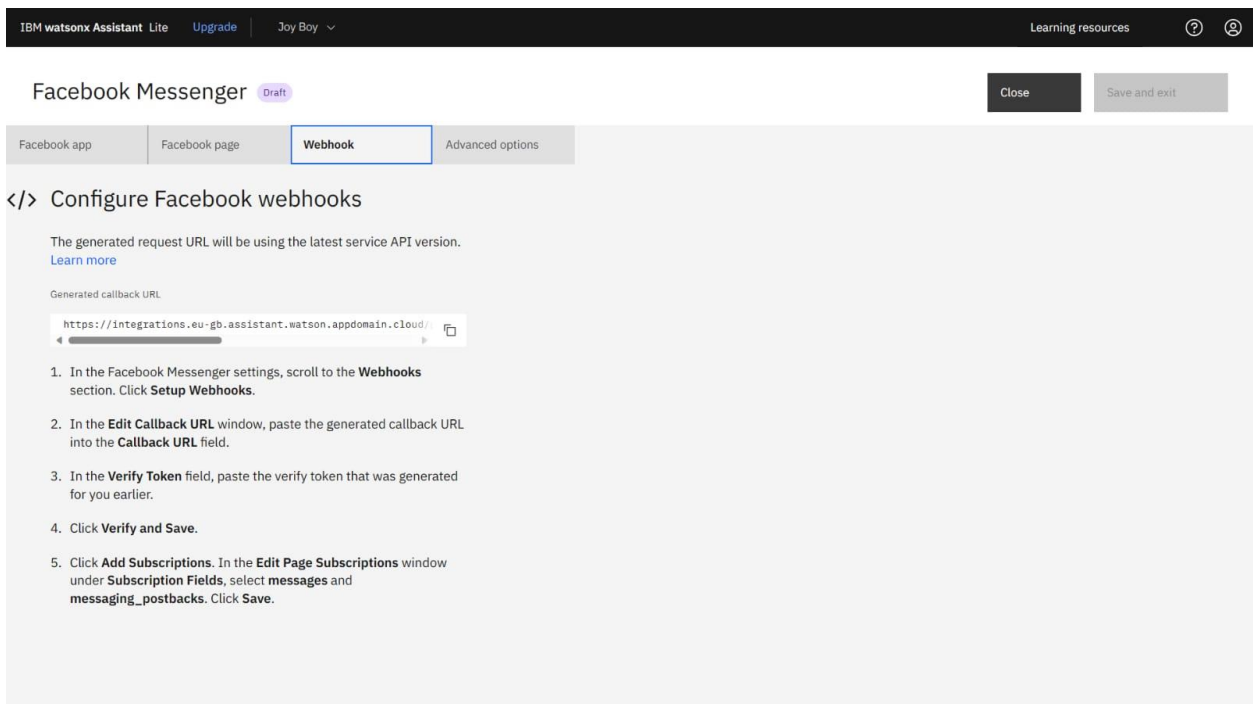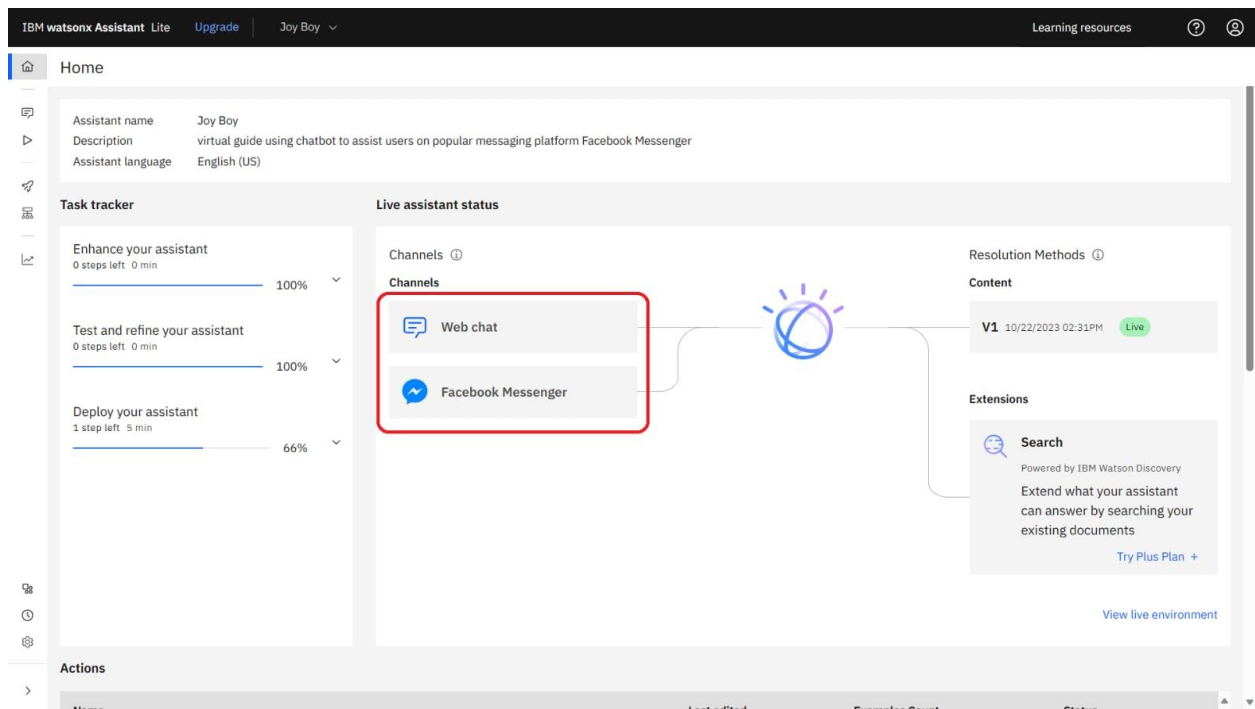

Fig(30)

Step 7 : Review all the above process.

Fig(31)

Fig(32)

Fig(33)

Fig(34)