Cloud Application Development - Group 5

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Project name : Chatbot deployment with IBM Watson

Chatbot deployment with IBM Watson

Phase 4 : Development part 2

Building a chatbot by integrating it with messaging platforms and refining the process.

Create a Watson Assistant Skill:

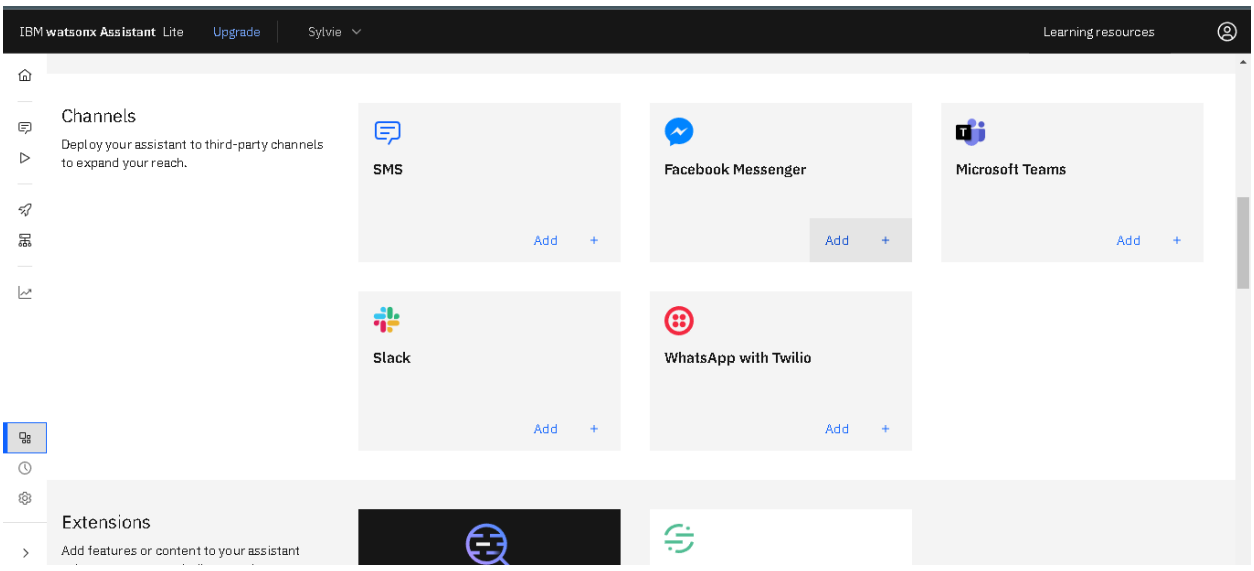
- Log in to your IBM Cloud account and access IBM Watson Assistant.
- Create a new skill or use an existing one.
- Build your chatbot using the IBM Watson Assistant's service.
- Train your chatbot by providing example user inputs.

Set Up Integration:

- In your Watson Assistant skill, navigate to the "Options" menu and select "Integration."
- Click to the “Channels” and view messaging platforms.

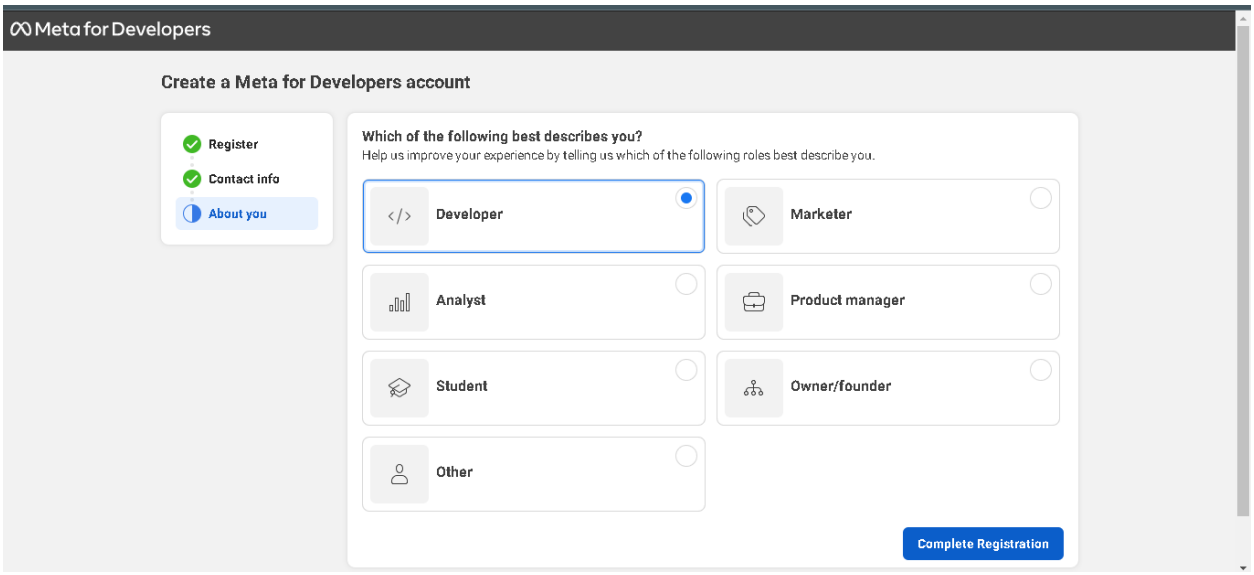
Configure the Messaging Platform:

- Selecting a platform for example Facebook messenger.



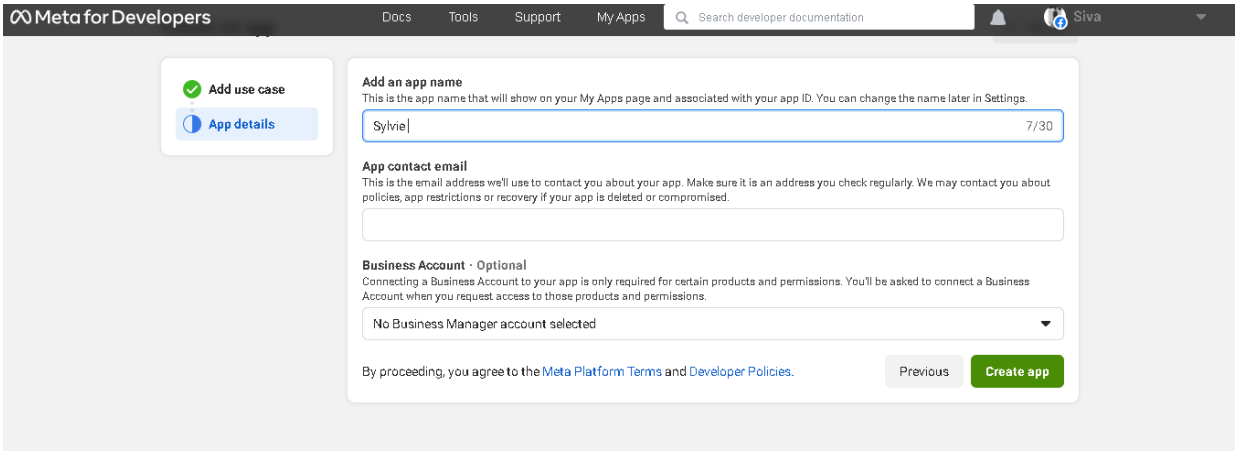
Creating a Facebook application

- Go to [Facebook for developers] and log into Facebook account.
- Register a developer account and add necessary details complete registration.

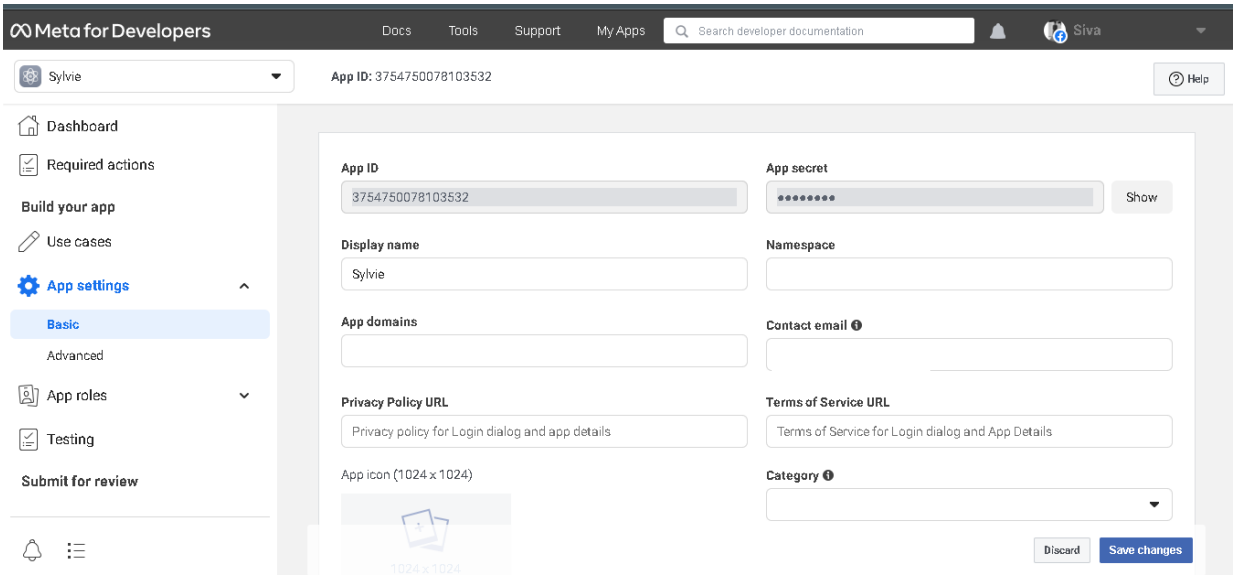


Creating an app

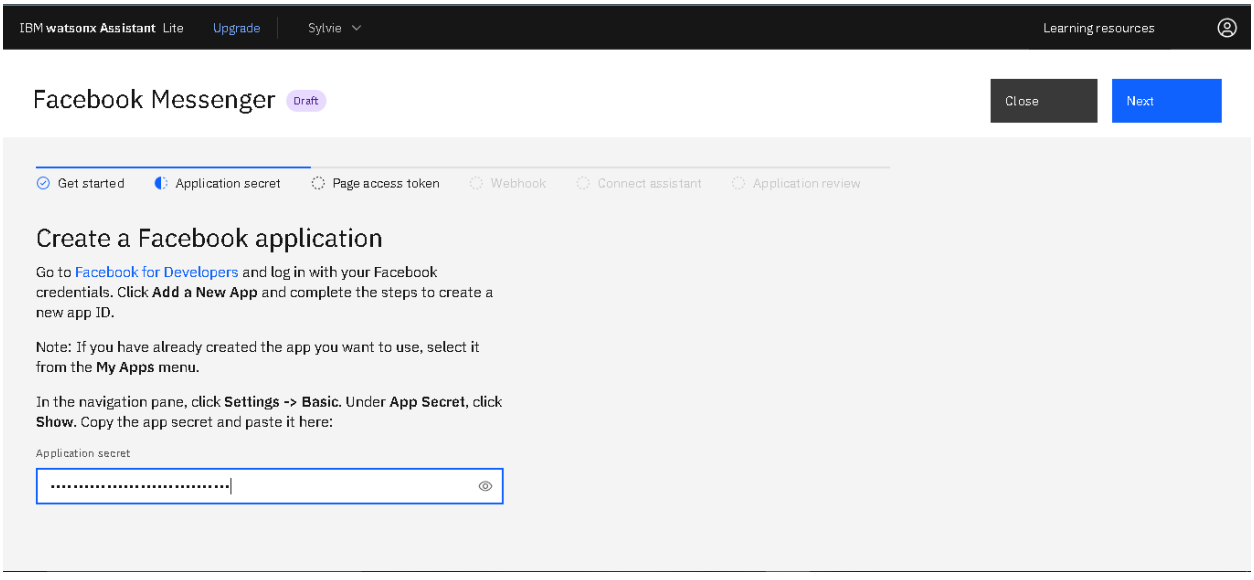
- Click Add a New App and complete the steps to create a new app ID.
- Add app name and contact details for create an app.



- In the dashboard, click App settings select Basic.
- Select App Secret, click Show. Copy the app secret.

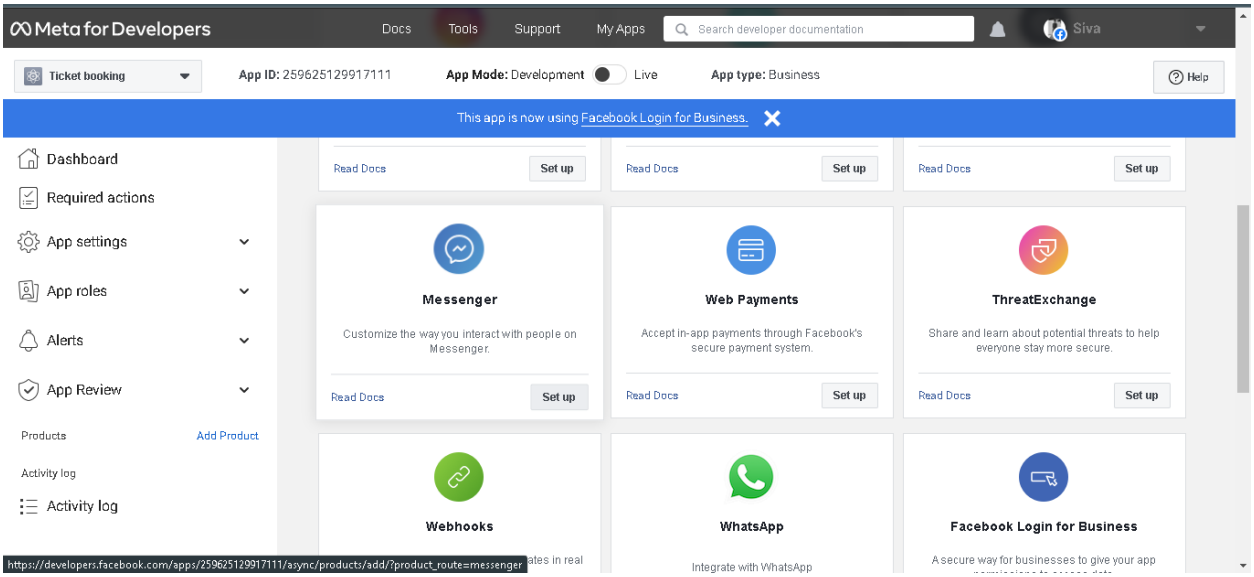


- Copied app secret pasted into IBM Watson assistant Facebook messenger.

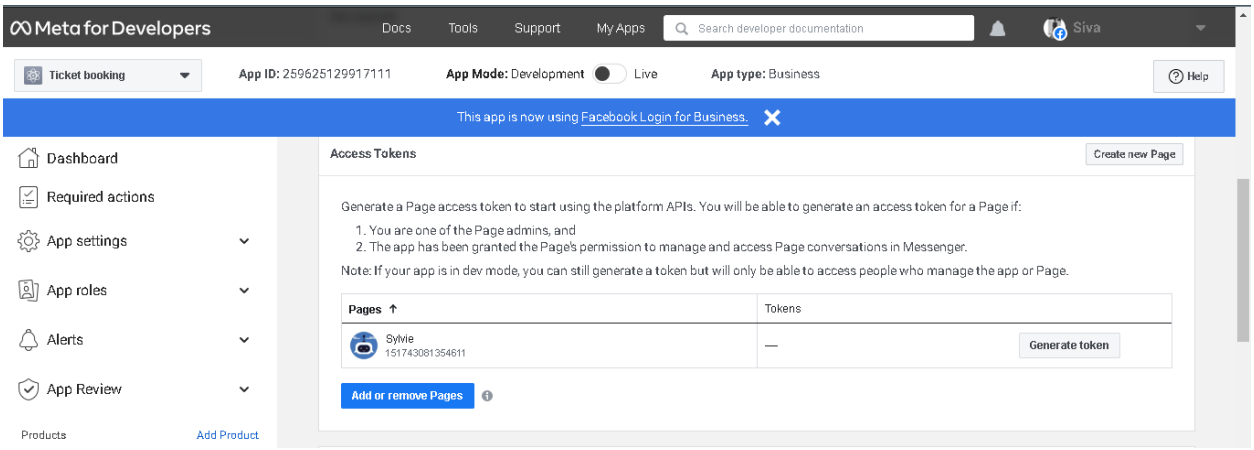


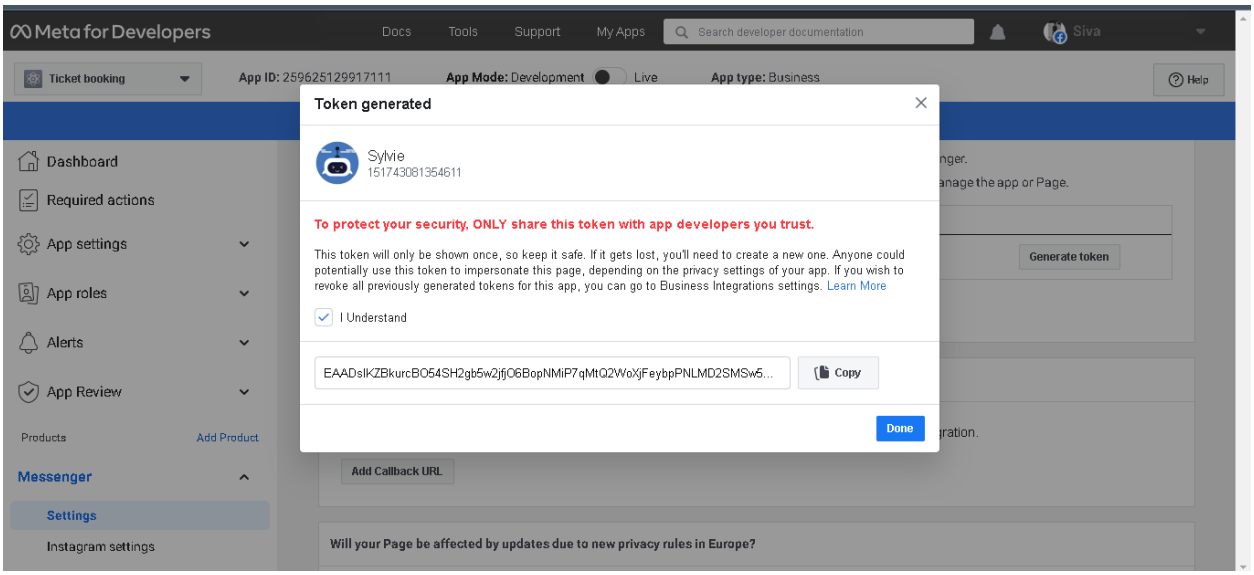
Creating a Facebook page

- On the Facebook app page, click the **Products** in the left side navigation.
- find the **Messenger** tile and click **Set Up.**

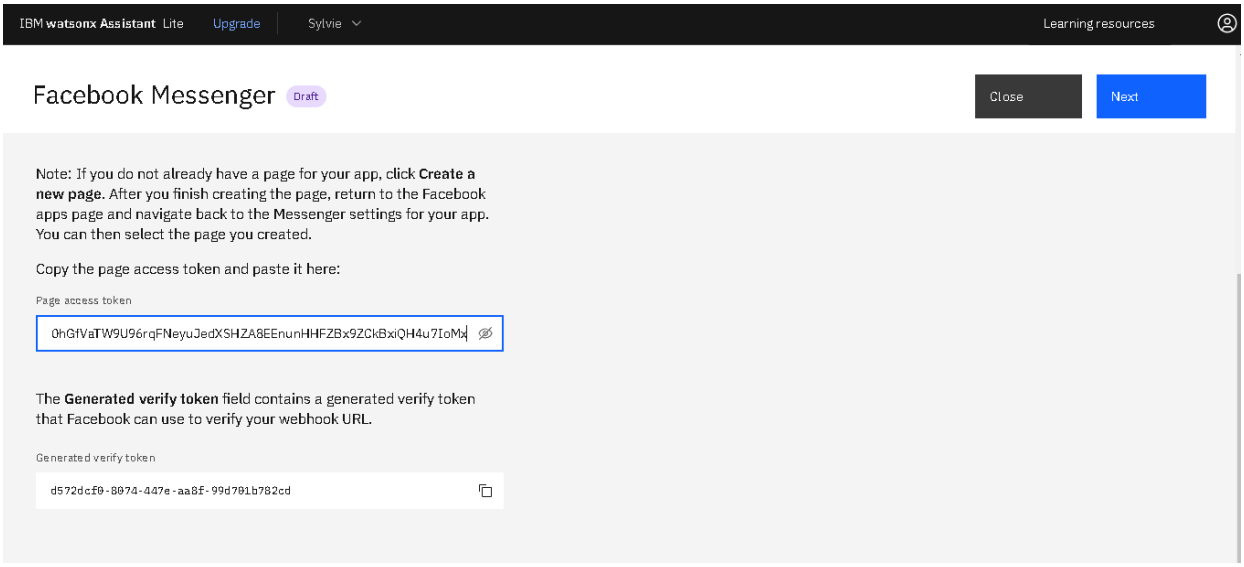


- Click **Add or Remove Pages** and choose the Facebook page you want to use for your app.
- Click **Generate Token** and check the I Understand checkbox to generate the page access token.



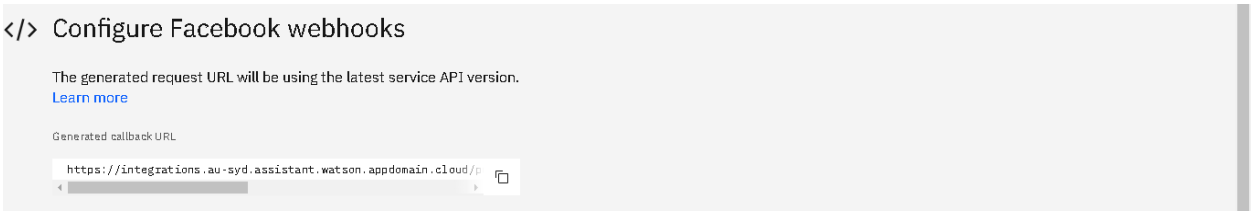


- Copy the page access token and paste into IBM Watson Facebook messenger page.

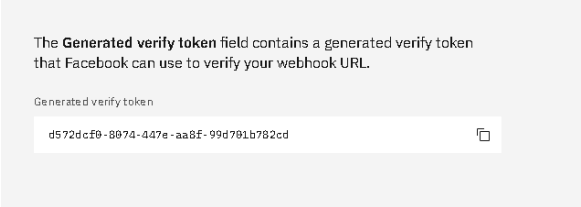


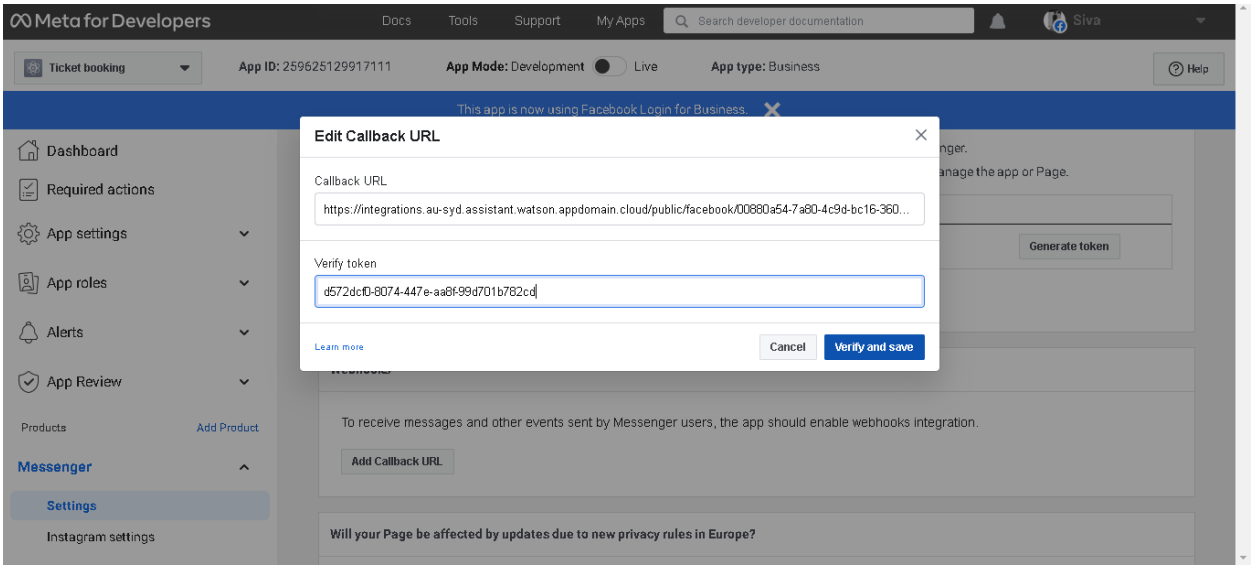
Configure Facebook webhooks

- Copy the generated URL in IBM Watson Facebook messenger.

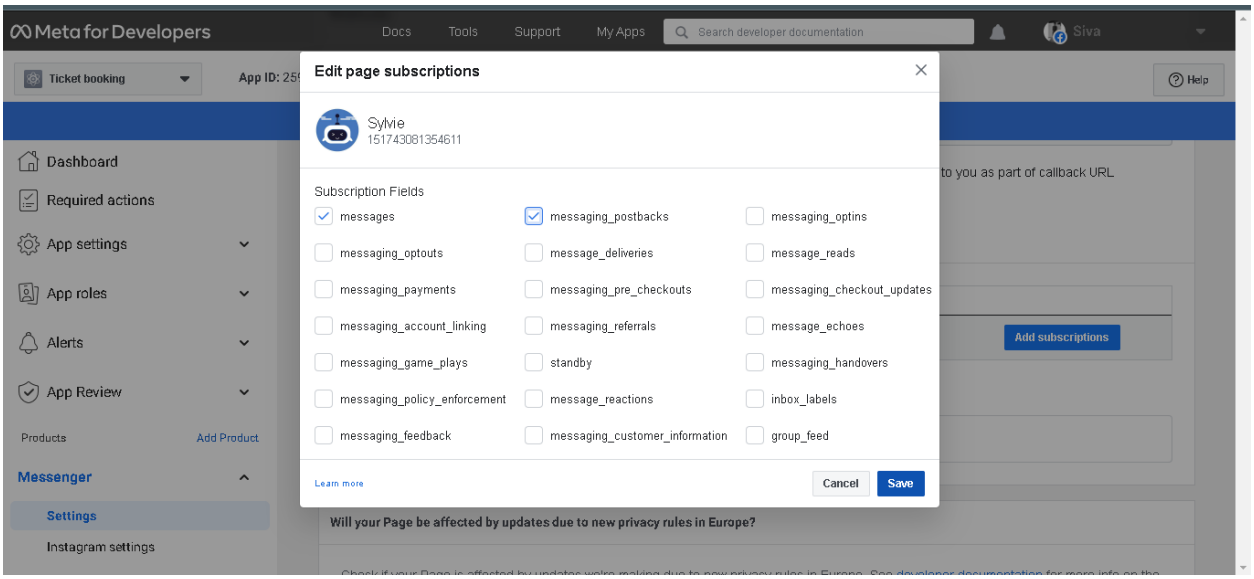


- In the Meta developers Facebook Messenger settings, scroll to the **Webhooks** section. Click **Setup Webhooks**.
- In the **Edit** Callback URL window, paste the **generated callback URL** into the Callback URL field.
- In the **Verify Token field**, paste the verify token that was generated for you in **Facebook page** in IBM Watson Facebook messenger page.
- Click **Verify and Save**.





- Click **Add Subscriptions**. In the **Edit Page Subscriptions** window under Subscription Fields, select **messages** and **messaging_postbacks**. And click Save.



Connect your assistant

- After successfully completing the above procedure, your chatbot is now successfully integrated into messaging platforms like Facebook Messenger.

Screenshots

Search Facebook
Manage Page
Sylvie
Professional dashboard
Insights
Ad Centre
Create ads
Settings
More tools
Meta Business Suite
Switch into Sylvie's Page to take more actions
Promote
Sylvie
0 likes • 0 followers
Posts
About
Mentions
Reviews
Followers
Photos
Sylvie
Done
Enjoy your day Thank you.
16:50
hi
hello , I am Sylvie how can i help you
I want to book movie...
Aa

Search Facebook
Manage Page
Sylvie
Professional dashboard
Insights
Ad Centre
Create ads
Settings
More tools
Meta Business Suite
Switch into Sylvie's Page to take more actions
Promote
Sylvie
0 likes • 0 followers
Posts
About
Mentions
Reviews
Followers
Photos
Sylvie
I want to book movie...
I've several movies for which i can book tickets for you.
please select any one option
Jaawan-Hindi
Date/Day you want to watch movie?
Thu 19/10/2023
Fri 20/10/2023
Aa

Search Facebook
Manage Page
Sylvie
Professional dashboard
Insights
Ad Centre
Create ads
Settings
More tools
Meta Business Suite
Switch into Sylvie's Page to take more actions
Promote
Sylvie
0 likes • 0 followers
Posts
About
Mentions
Reviews
Followers
Photos
Sylvie
mobile no.
9361345692
Link for the payment is sent to your mobile number please make the payment and tickets will be sent on your entered whatsapp number.
Done
Enjoy your day Thank you.
Aa