



Save User Info with your Chatbot



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The screenshot shows a chatbot interface titled "Test Draft version" with a "Last build submitted: 2 minutes ago" message. The user asks for their date of birth, and the bot responds with "14-11-2002". The user then asks about savings, and the bot responds with "Thank you. The balance on your Savings account is \$234.88 dollars." A green status bar at the bottom indicates "Ready for complete testing".

Test Draft version

Last build submitted: 2 minutes ago

Inspect

For verification purposes, what is your date of birth?

14-11-2002

Thank you. The balance on your credit account is \$55.48 dollars.

what about my savings

Thank you. The balance on your Savings account is \$234.88 dollars.

Ready for complete testing

Type a message



Introducing Today's Project!

What is Amazon Lex?

Amazon Lex is really useful to build chatbots for specific tasks . The user expirience is also very simple and easy to get along without having any problems and the documentation is also available is issues occur.

How I used Amazon Lex in this project

In today's project, I used Amazon Lex to build BankerBot, setting up intents like FollowupCheckBalance to manage balance inquiries. I created an input context, contextCheckBalance, to enable follow-up responses, and linked Lambda .

One thing I didn't expect in this project was...

The ease of getting along the project and the ability to understand various techinical terms without having any issue.

This project took me...

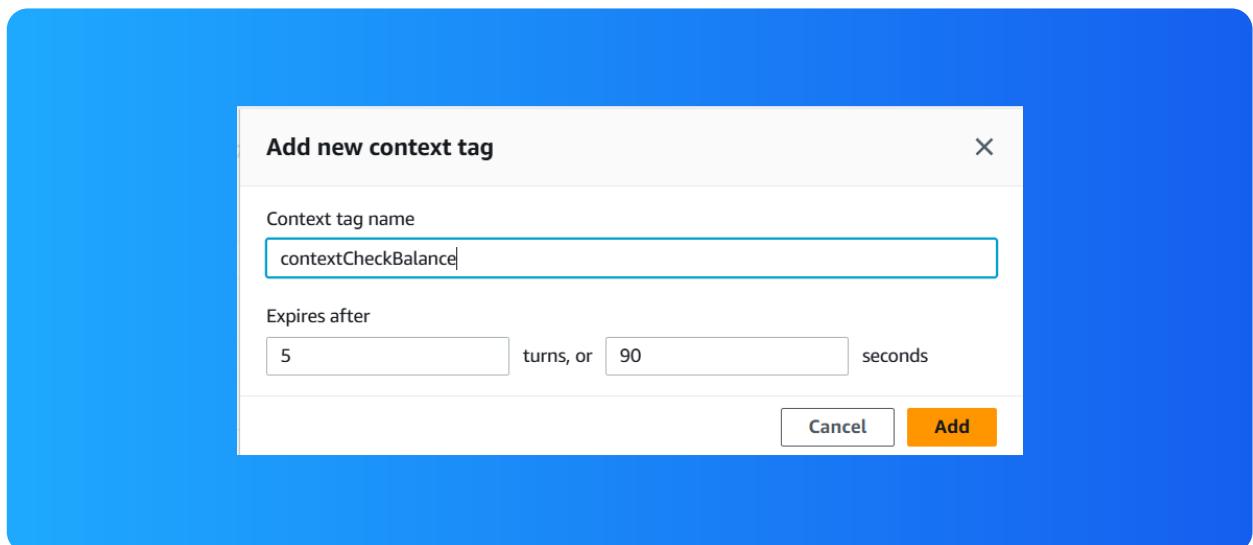
It took me around 1 hour because I had to rebuild the bot again as I was having regional issues to create contexts and I had to switch to US West from Tokyo to get along with this.

Context Tags

Context tags are markers in Amazon Lex that manage conversation flow, activating or deactivating intents based on user input and responses.

There are two types of context tags: input context tags and output context tags , the first one checks for any information saved using the output context tags for references and the latter one is used to save any information in intent for some time.

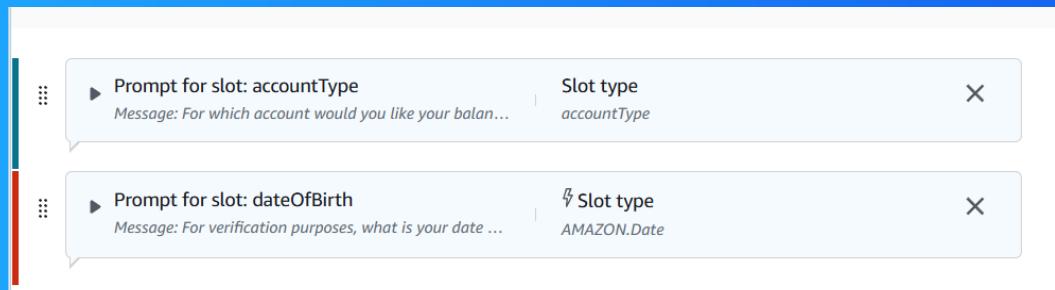
I created a context tag called... This context tag was created in the intent called contextCheckBalance and I created this in the intent CheckBalance



FollowUpCheckBalance

The purpose of the FollowupCheckBalance intent is to handle follow-up inquiries from users about their account balance, providing seamless transitions after an initial balance query.

This intent is connected to the previous intent I made, CheckBalance, because now we make talk to the BankerBot seamlessly without again giving the DOB for any other account. It keeps the DOB in its memory for some time to get the balance.





Input Context Tag

I created an input context, contextCheckBalance, that activates the FollowupCheckBalance intent only after a user's initial balance inquiry. This context ensures the bot tracks ongoing conversations, allowing smooth transitions and relevant

▼ Default values - optional

No default values

You haven't added any default values yet.

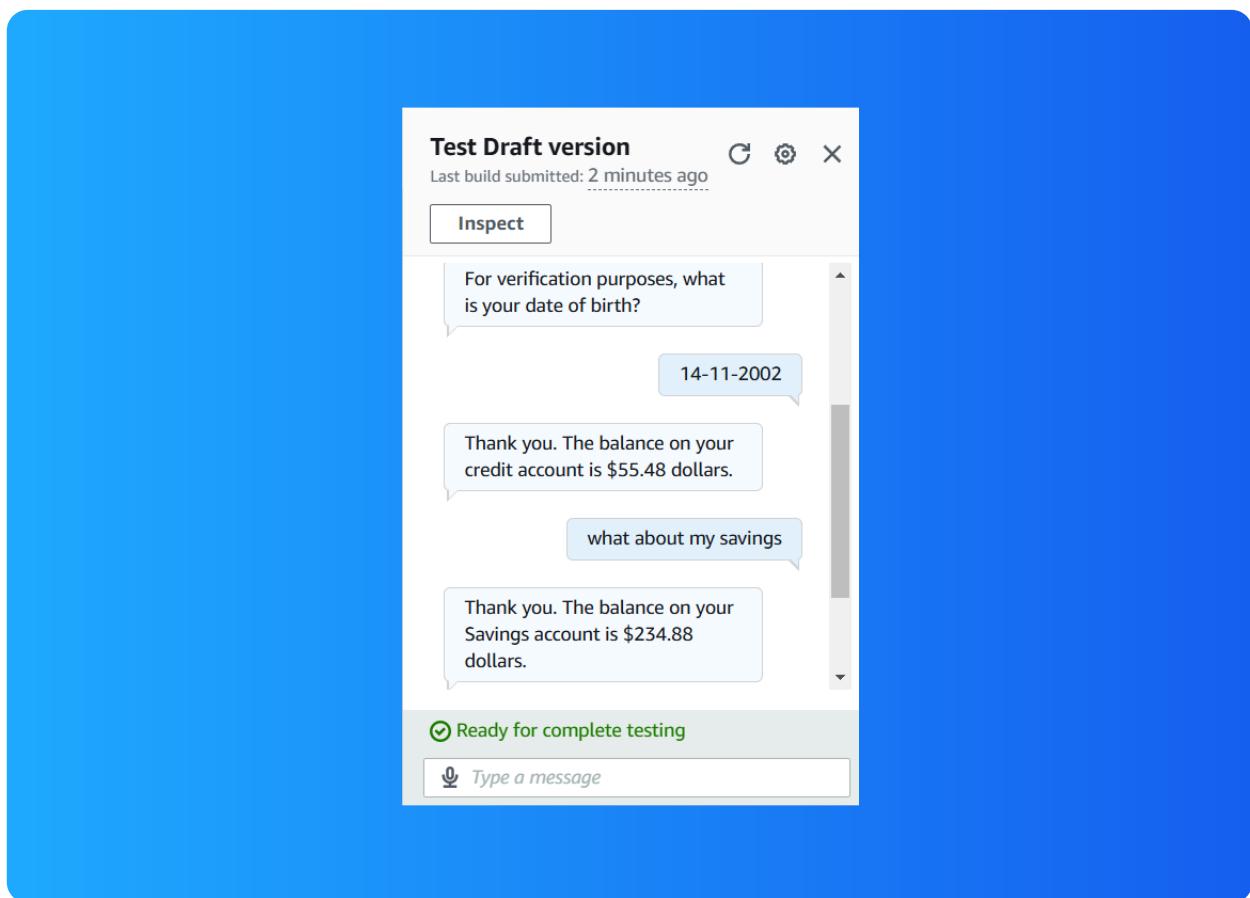
Provide a default value, #value for a context value, or [variable] for session variable.

Add default value

The final result!

To see the context tags and the follow-up in intent in action, I tested the bot by initiating a balance inquiry. Then, I triggered the FollowupCheckBalance intent, verifying the smooth transition through contextCheckBalance activation."

If I had gone straight to trying to trigger FollowUpCheckBalance without setting up any context, the bot would not recognize the intent, as contextCheckBalance is necessary to enable follow-up interactions tied to previous balance inquiries.





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