PROJECT ON MOVIE TICKETING CHAT BOT
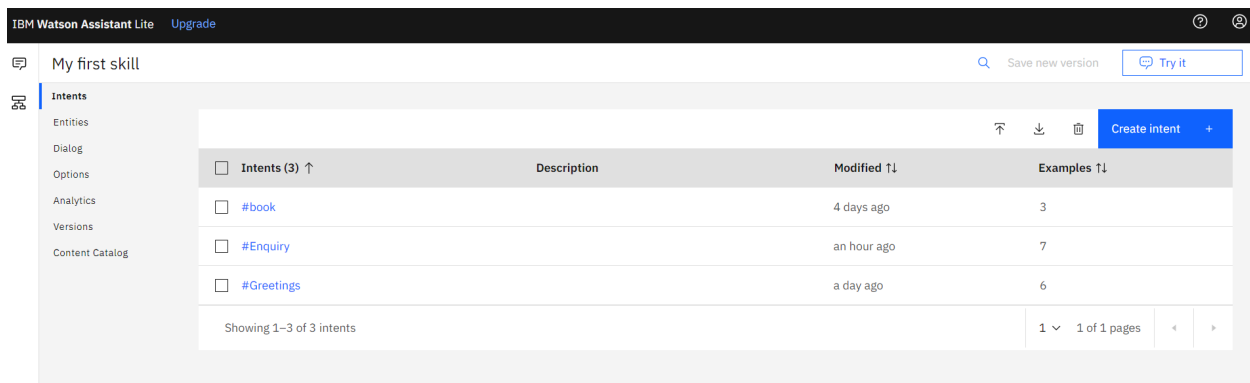
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Step 1: Launch Watson Assistant Service and Created Intents. Following intents are created.
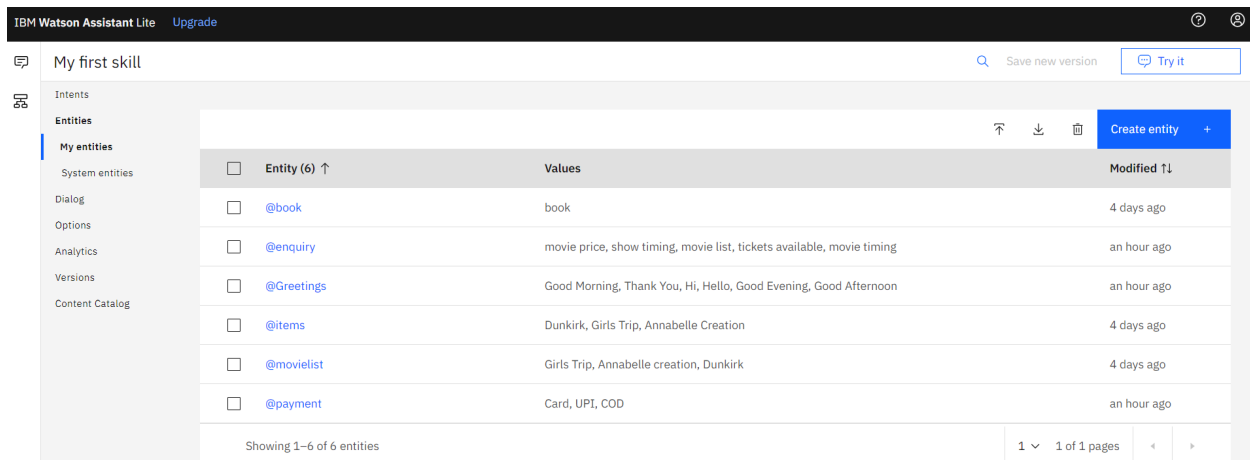
Step 2: Created Entities corresponding to intents.Following entities are created.

Step 3: Created Dialog for each entities. Following dialogs are created.
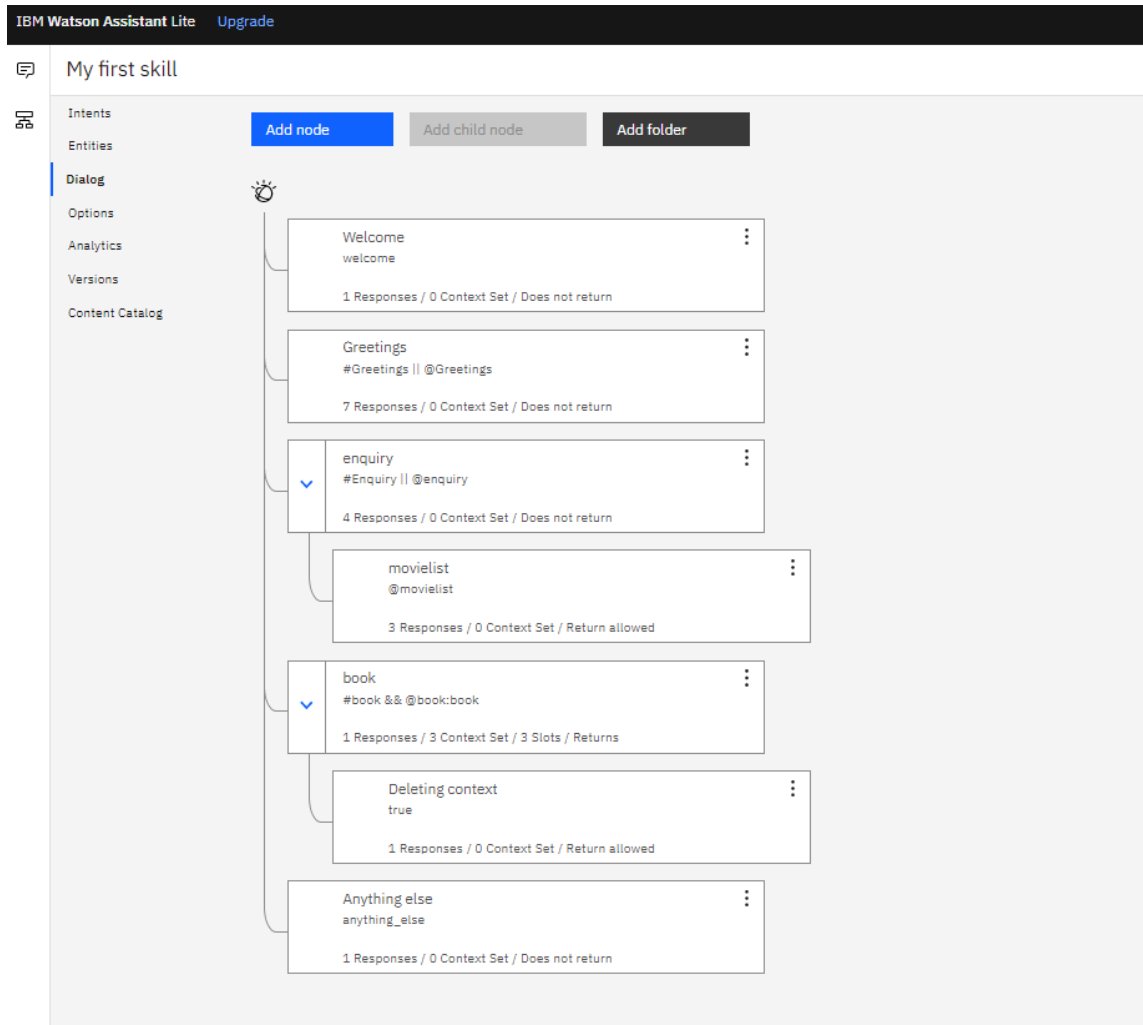
Following are screenshots for each dialog:->
Welcome Dialog:->

Greeting Dialog:->

	If assistant recognizes	Respond with		
1	@Greetings:(Good Morning)	Good Morning	⚙	🗑
2	@Greetings:(Good Afternoon)	Good Afternoon	⚙	🗑
3	@Greetings:(Good Evening)	Good Evening	⚙	🗑
4	@Greetings:Hello	Hello. I am a Movie Bot ,Capab	⚙	🗑
5	@Greetings:Hi	Hello. I am a Movie Bot ,Capab	⚙	🗑

enquiry Dialog:-

enquiry

Node name will be shown to customers for disambiguation so use something descriptive.

Customize ⚙ ✕

Settings

Assistant responds

	If assistant recognizes	Respond with		
1	@enquiry:(movie list)	List of Movies: 1. Annabel crea	⚙	🗑
2	@enquiry:(show timing)	Morning 9.00 am, Afternoon 1:	⚙	🗑
3	@enquiry:(movie price)	Annabelle creation: Rs.250 pe	⚙	🗑
4	@enquiry:(tickets available)	Yes, Tickets are available.	⚙	🗑

Add response +

book dialog:-

book

Node name will be shown to customers for disambiguation so use something descriptive.

Customize ⚙   ✕

Settings

| #book 🗑 | and ⌄ | @book:book 🗑 | + |

Then check for

⓪ Manage handlers

	Check for	Save it as	If not present, ask	Type		
1	@items	$items	Can you provi	Required	⚙	🗑
2	@sys-number	$number	Can you provi	Required	⚙	🗑
3	@payment	$payment	We accept CO	Required	⚙	🗑

Add slot +

If no slots are pre-filled, ask this first:

Deleting context dialog which is child node of book:->

This deleting context dialog deletes the previous context of corresponding variables.For that In Deleting context dialog, in JSON editor write the following code
 "deleted":
"<?context.remove('items')?><?context.remove('number')?><?context.remove('payment')?>",

Deleting context

Node name will be shown to customers for disambiguation so use something descriptive.

Customize ⚙   ✕

Settings

true   🗑   +

Assistant responds   ⋮

```
 1  {
 2    "output": {
 3      "deleted": "<?context.remove('items')?><?context.remove('number')?><?context.remove('payment')?>",
 4      "generic": [
 5        {
 6          "values": [],
 7          "response_type": "text",
 8          "selection_policy": "sequential"
 9        }
10      ]
11    }
12  }
```

Then assistant should

Choose whether you want your Assistant to continue, or wait for the customer to respond.

Wait for reply   ⌄

Anything else dialog:->In this dialog , if anything other than intents has come then this dialog responds.

🔍   Save new version   💬 Try it

Anything else   Customize ⚙ ✕

Node name will not be shown to customers for disambiguation.   Settings

anything_else   🗑   +

Assistant responds ⋮

Text ⌄   ∧ ∨ 🗑 ^

I didn't understand. You can try rephrasing.   🗑

Can you reword your statement? I'm not understanding.   🗑

I didn't get your meaning.   🗑

Enter response variation

Response variations are set to **sequential**. Set to random | multiline

Learn more

Add response type +

Now 2nd service is launched as NODE-RED open flow editor of NODE-RED

1.Create flow in it.

2.Following Nodes are inserted in the flow:

    1.Function node: Write code in this node :

msg.payload=msg.payload.output.text[0];

return msg;

    2.Parsing Node: Write code in this node :msg.payload=msg.payload.text;

return msg;
        3.Form Node: This node take User input
        4 Assistant Node: This node interface with Watson assistant.
        5 Payload node
        6.Inject Node

Take all the nodes in one group and interface the assistant node to watson assistant by giving API key,url and skill id .

Following is the Flow created in Node-Red.

Now Deploy the flow and execute the flow on other tab.

This is the URL for Chat BOT.

https://node-red-tguoo-2020-09-30.mybluemix.net/ui/#!/0?socketid=TMV3UzSKZDdj0tlfAAAr