











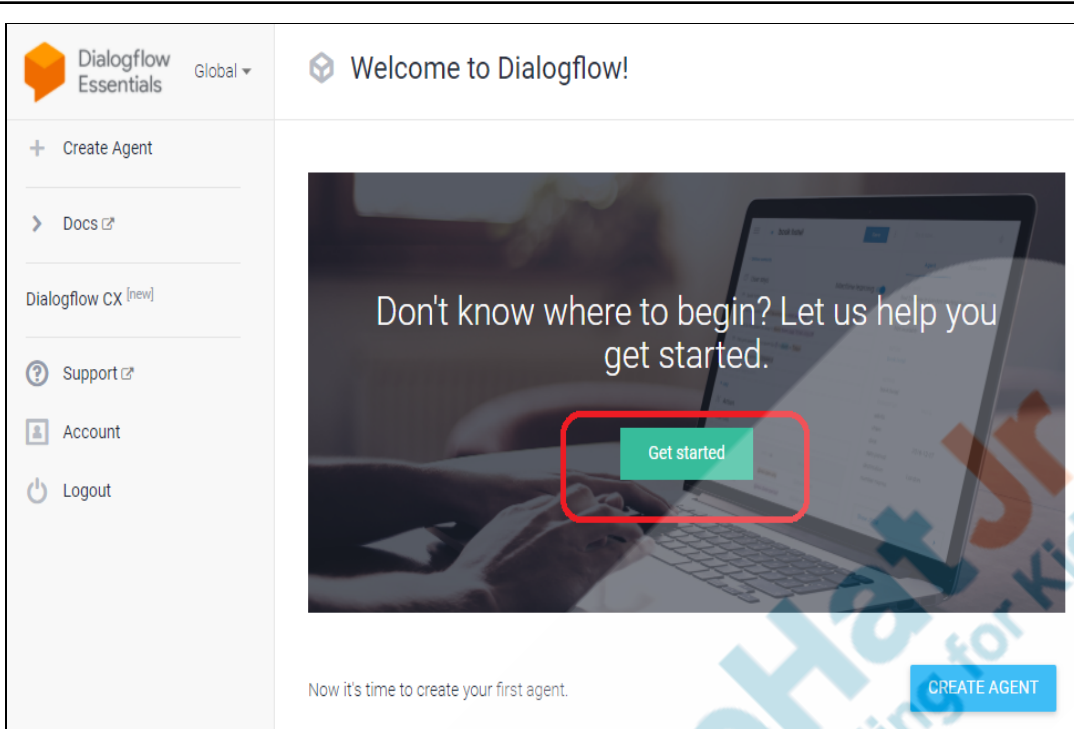
Difference between C45 1:1 & C45 1:2	<ol style="list-style-type: none"> 1. Included class dynamics. 2. Added emojis. 3. The activities have been restructured for app development 4. Introduced the concept of Dialogflow. 5. Solved the problem in creating a new agent by accepting the terms and service 6. Solved the problem of displaying the appointment time in different formats. 7. Added more explanation for the creation of intents
Topic	CHATBOT
Class Description	Students create their very first AI chatbot by API programming and integrating it with their app. This involves learning to train the bot on user requests and developing appropriate bot responses.
Class	C45
Class time	50 mins
Goal	<ul style="list-style-type: none"> • Develop an AI-based chatbot.
Resources Required	<ul style="list-style-type: none"> • Teacher Resources: <ul style="list-style-type: none"> ○ Dialogflow ○ laptop with internet connectivity ○ earphones with mic ○ notebook and pen • Student Resources: <ul style="list-style-type: none"> ○ Dialogflow ○ laptop with internet connectivity ○ earphones with mic ○ notebook and pen
Student	<ul style="list-style-type: none"> • Hats-off: Specific instructions for giving hats-off will be

Motivation and Engagement	<p>provided in the lesson.</p> <ul style="list-style-type: none">  Concept Magnifier: Used to highlight new concepts and connect them with real-life examples.  Knock-Knock!: To nudge the students to make sure they are attentive.  Thinking Caps: Used to engage the students for an activity or Q&A.  All types of Quizzes: Includes revision quizzes, riddles and pop-up quizzes.  Candy Boosters: Used to motivate the students to do better in the activities.  Important Points to Remember: To highlight important concepts. 	
Class structure	Warm-Up Teacher-led Activity Student-led Activity Wrap-Up	5 mins 15 min 25 min 5 mins
<div> <div></div> <div> CONTEXT <ul style="list-style-type: none"> Introduce the concept of changing lanes by adding the key condition. </div> </div>		
Class Steps	Teacher Action	Student Action
Step 1: Warm-Up (5 mins)		<i>FYR: If out of the two students, one is an introvert/average learner, and the other is an extrovert/fast learner, then we refer to the</i>

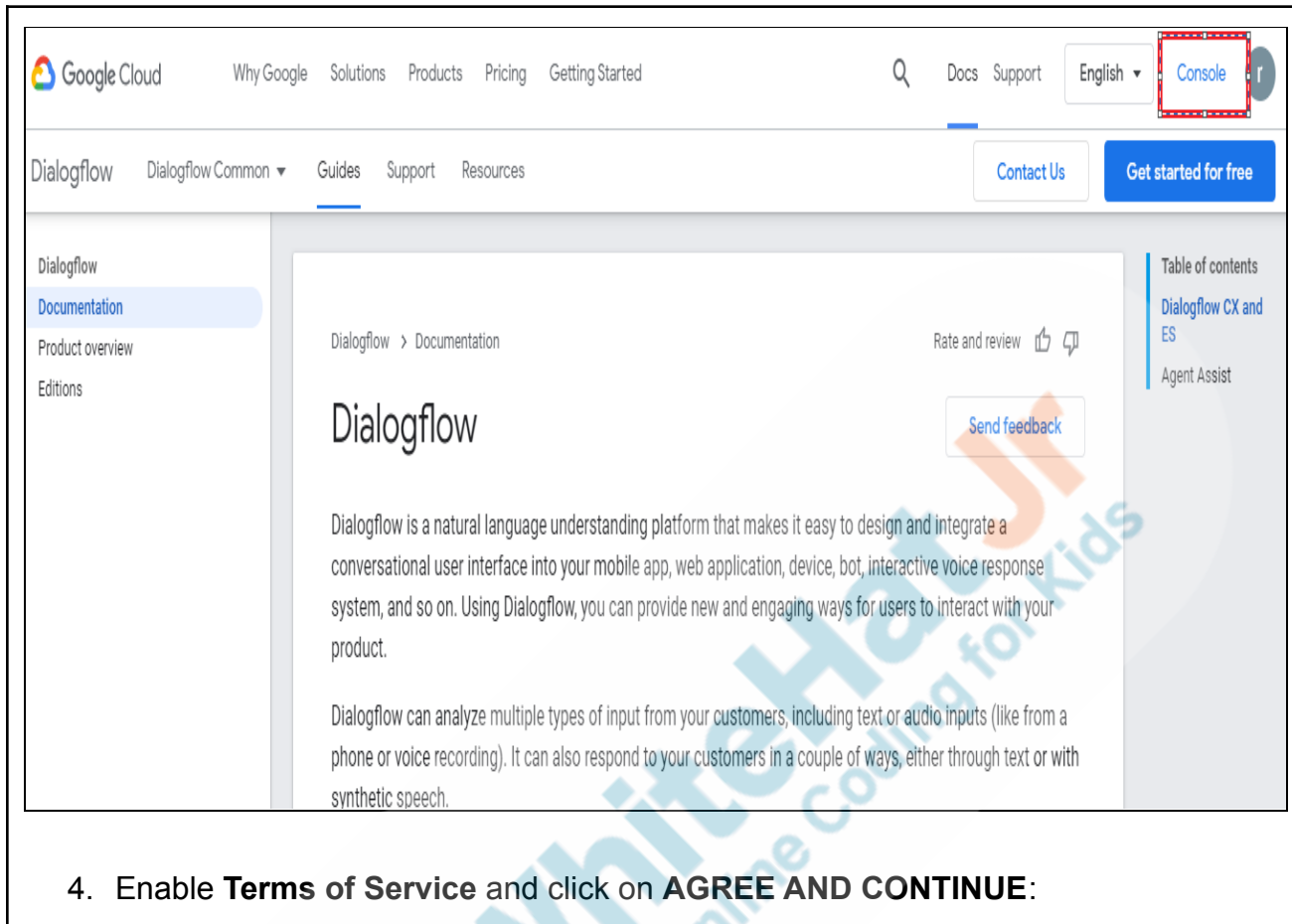
	<p>Hello! Welcome back to your action-packed coding class!</p> <p>To start today's class - let's quickly review what we did in the last class.</p>	<p><i>introvert/average learner as <Student name 1> and the extrovert/fast learner as a student name 2.</i></p> <p><i>The students review the code from the last class.</i></p>
	<p>I have an exciting quiz question for you! Are you both ready to answer this question?</p> <div data-bbox="641 898 863 982">  </div> <p><i>Click on the Quiz Time button on the bottom right corner of your screen to start the In-class Quiz.</i></p> <p><i>A quiz will be visible to both you and the students.</i></p> <p><i>Encourage the students to answer the quiz question.</i></p> <p><i>The students may choose the wrong option, help the students to think correctly about the question and then answer again.</i></p> <p><i>After the students select the correct option, the</i> <div data-bbox="613 1665 847 1728">  </div><i>button will start appearing on your screen.</i></p>	<p>ESRs: Varied.</p>

	<p><i>Click on End Quiz to close the quiz pop-up and continue the class.</i></p>	
	 <p>Refer to teacher Resources page/slides 1-2 for the image.</p> <p>Q1) Which are the Playing and Non-playing characters in the Pac-Man game?</p> <p>Q2) What are the rules in the Pac-Man game that bring balance to the game?</p>  <p><i>Give a candy booster to the student who has answered correctly.</i></p> <p>Great! Today's class is quite an interesting one, we are going to learn a technology which is new to you.</p> <p><Student name 1>, have you heard the word "Dialogflow"?</p> <p>Google Dialogflow is one of the services provided by Google where you can create your own chatbot.</p> <p><Student name 2>, do you know what a chatbot is?</p>	<p>ESRs: PC -> Pac-Man. NPC -> Ghosts.</p> <p>ESRs: Power pellets also known as Energizer because the ghosts to go into the Blue mode, allowing Pac-Man to eat them which bring balance to the game.</p> <p>ESRs: Varied.</p>

	<p>chatbot: A chatbot is a computer program that allows interaction between a human and a machine.</p> <p>Examples of chatbots: Alexa and Siri.</p> <p>In today's class let's learn more in detail about chatbots.</p>	<p>ESRs: Varied.</p>
Teacher Initiates Screen Share		
<p style="text-align: center;"><u>CHALLENGE</u></p> <ul style="list-style-type: none"> Understanding the creation of a chatbot 		
<p>Step 2: Teacher-led Activity (15 mins)</p>	<p><i>The teacher opens Teacher Activity 2 and shows the students about the chatbot called Igishka. She is trained to respond to basic questions.</i></p> <p>Today, we are going to build a basic chatbot. Let's follow the following steps to create our own bot.</p> <p><i>Guide the students to open Student Activity 1 and the teacher opens Teacher Activity 3.</i></p>	<p><i>The students listen.</i></p> <p><i>The students open Student Activity 1.</i></p>
<p><i>(The teacher should provide a dummy Gmail account if the students don't have any).</i></p> <ol style="list-style-type: none"> Open the dialogflow and Sign in with your Gmail or your parent's Gmail account here. Once the Dialogflow is opened. Click on the Get started button. 		



3. On the Dialogflow documentation page, click on the **Console** button on the top-right to go to Developer Console.



Google Cloud Why Google Solutions Products Pricing Getting Started Search Docs Support English **Console**

Dialogflow Dialogflow Common Guides Support Resources Contact Us Get started for free

Dialogflow
Documentation
Product overview
Editions

Dialogflow > Documentation Rate and review Send feedback

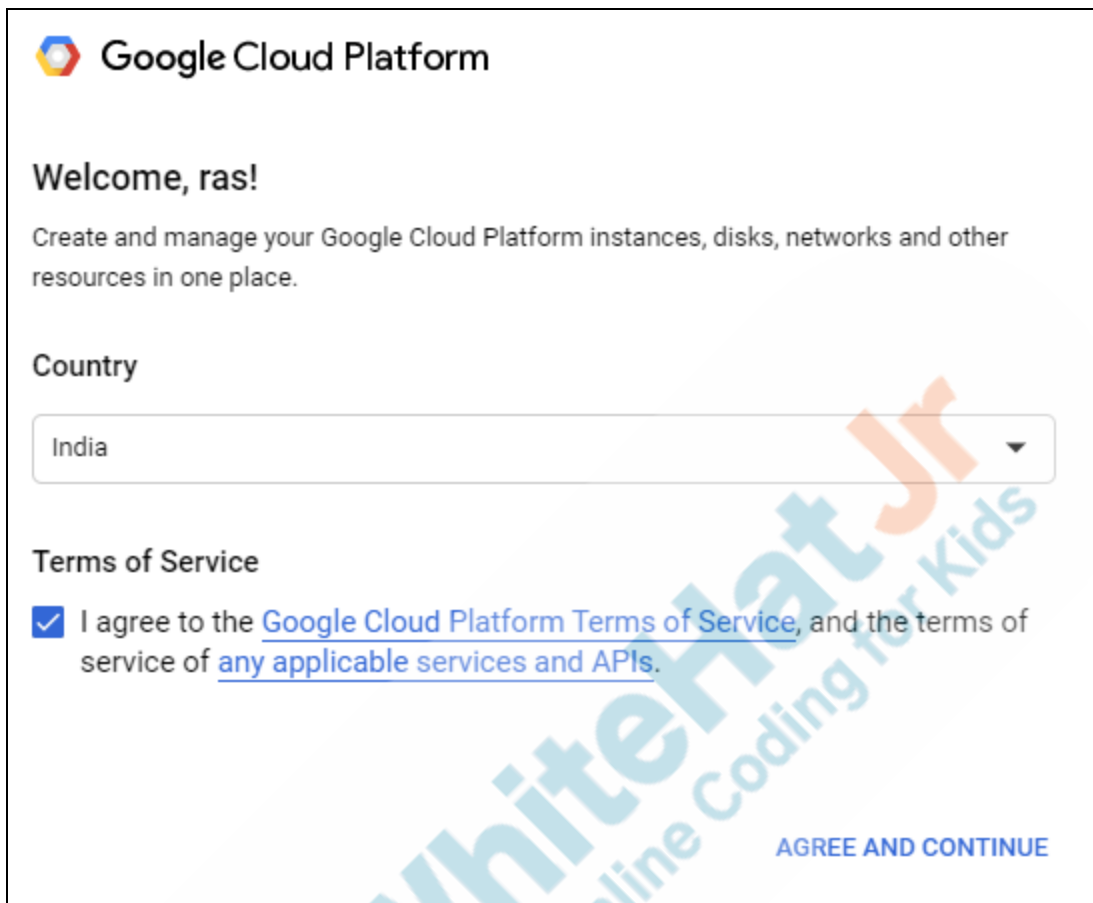
Dialogflow

Dialogflow is a natural language understanding platform that makes it easy to design and integrate a conversational user interface into your mobile app, web application, device, bot, interactive voice response system, and so on. Using Dialogflow, you can provide new and engaging ways for users to interact with your product.

Dialogflow can analyze multiple types of input from your customers, including text or audio inputs (like from a phone or voice recording). It can also respond to your customers in a couple of ways, either through text or with synthetic speech.

Table of contents
Dialogflow CX and ES
Agent Assist

4. Enable **Terms of Service** and click on **AGREE AND CONTINUE**:



Google Cloud Platform

Welcome, ras!

Create and manage your Google Cloud Platform instances, disks, networks and other resources in one place.

Country

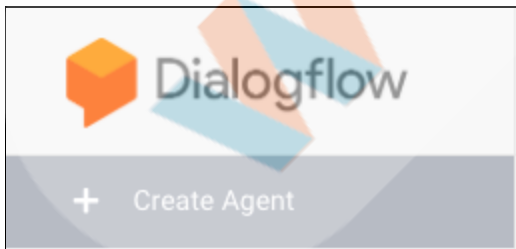
India

Terms of Service

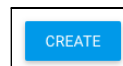
☒ I agree to the [Google Cloud Platform Terms of Service](#), and the terms of service of [any applicable services and APIs](#).

AGREE AND CONTINUE

5. Now let's create a bot. Open the [Teacher Activity 3](#). and click on **Create Agent** on the Dialogflow interface:



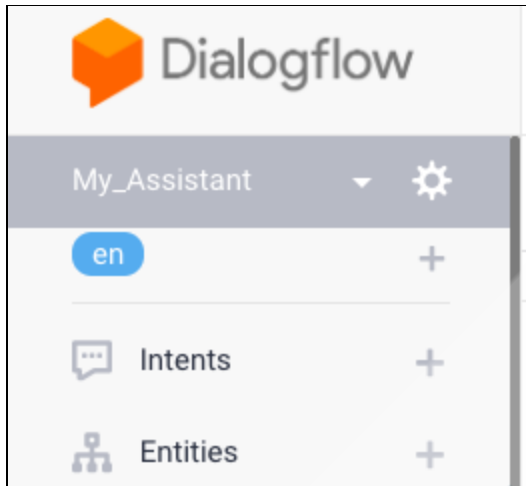
6. At the top, add the **Agent name** as **My_Assistant** and select the default timezone as **Asia/Colombo**, and press the **Create** button.



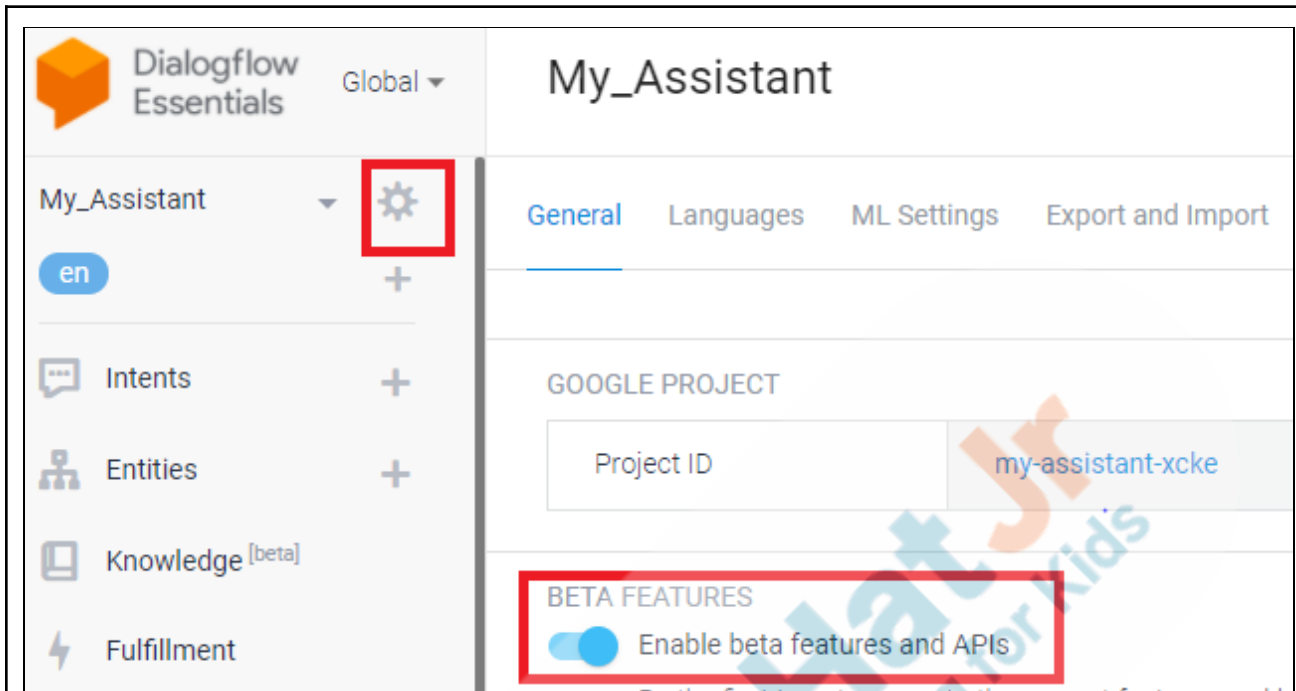
WORKING...

- Dialogflow will start **Working...** on creating your bot.

7. You can see your bot has been created with agent:



8. Now click on the **setting icon** to edit your bot settings and enable the **Enable beta features and APIs** option. This will help us make the bot extremely smart:



9. Click on **Save**.

	<p>Great! We have created our own bot.</p> <p>Now let's give the intent for the bot.</p> <p><Student name 1>, do you know what is intent?</p> <p>It is a way to specify what the user wants to do.</p> <p>For example, the user could ask "Where is the nearest pizza restaurant?" bot will show the list of restaurants.</p> <p>When an end-user says something, Dialogflow matches that to the best intent in your agent.</p>	<p>ESRs: Varied.</p> <p><i>The students listen.</i></p>
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Refer [Teacher Resources page/slide 3](#) for the image.

For example, you could create a weather agent that recognizes and responds to end-user questions about the weather.

Now let me show you how this bot responds.

Refer to [Teacher Resources page/slide 4](#) for the image.

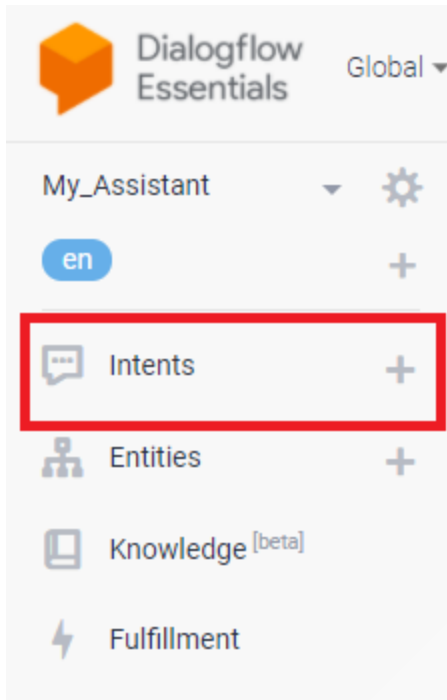
A basic intent contains the following steps:

- **Training phrases:** In training phrases, we create end-user phrases—the phrases that the end-user might say.

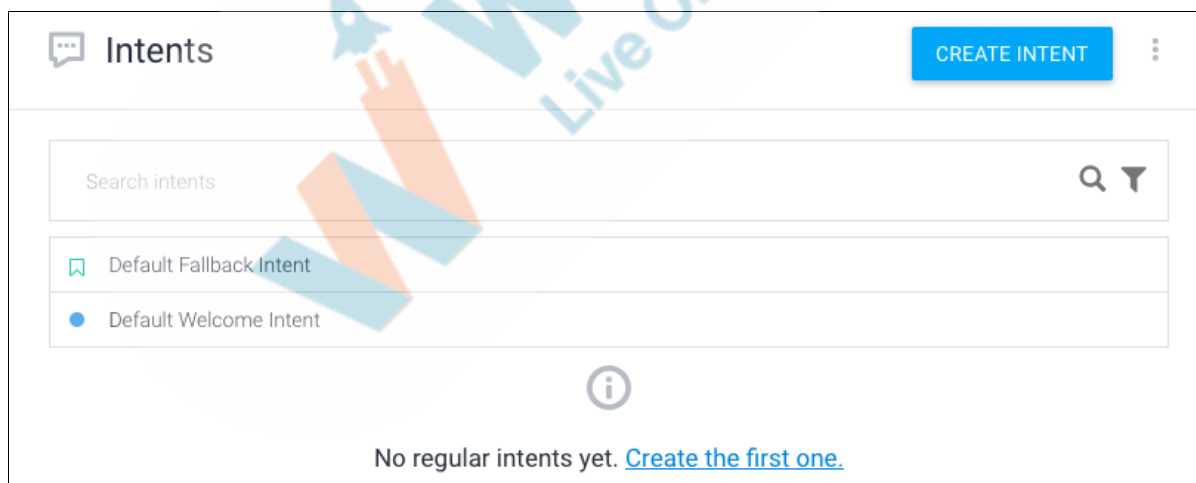
For example, the training phrase "I want pizza" trains your agent to recognize end-user expressions that are similar to that phrase, like "Get a pizza" or "Order pizza".

- **Action:** We can define an action that has to be triggered for each intent.
- **Parameters:** When an intent is matched at runtime, Dialogflow provides the extracted values from the end-user expression as *parameters*.

	<p>Examples: "book a room on Tuesday", where "Tuesday" is annotated.</p> <ul style="list-style-type: none"> • Responses: You define text, speech, or visual responses to return to the end-user. <p>For example, if you are asking to book the book ,your bot can be trained to give a response as "Okay, I booked a room for you.</p>	
	<p><Student name 2>, what is the first step in intent?</p> <p>Exactly! Let's learn how to create the training phrases.</p>	<p>ESRs: Training phrases.</p>
<p>10. Let's click on Intents:</p>		



- We can see the pre-built default intents as shown in the following screenshot:



11. Select the **Default Welcome Intent** option to understand the page in detail:

*Note: Let's learn about the **Training phrases**, **Responses**, and **Action and parameters** options in this class. We will learn the rest other tabs in the upcoming class:*



12. **Training phrases:** It contains possible questions/words the user can ask. Here, we have default training phrases. We can also add user expressions/questions into it:

Training phrases ?

” Add user expression
” just going to say hi
” heya
” hello hi
” howdy
” hey there
” hi there
” greetings
” hey
” long time no see
” hello

13. Now let's click on the **Responses** tab, which is available below the training phrase tab. Here there are 5 responses set for the training phrase of Welcome intent.

Responses ?

DEFAULT +

Text response

- 1 Hi! How are you doing?
- 2 Hello! How can I help you?
- 3 Good day! What can I do for you today?
- 4 Greetings! How can I assist?
- 5 Enter a text response variant

14. Click **SAVE** and give the bot some time to train on the responses. It means your bot is learning the responses for the training phrases:

• appointment
 SAVE
⋮

Contexts ? ▼

Events ? ▼

<div> <div> <h3>Default Welcome Intent</h3> <div> <div>Contexts ?</div> <div>Events ?</div> <div> <div>Training phrases ?</div> <div> <div>Add user expression</div> <div>just going to say hi</div> <div>heya</div> <div>hello hi</div> <div>howdy</div> <div>hey there</div> </div> </div> <div> <div>Search training phr</div> <div>Q</div> <div>^</div> </div> </div> <div> <div>Try it now</div> <div> <div>Please use test console above to try a sentence.</div> <div> <div>Intent saved</div> <div>OK</div> </div> </div> </div> </div> </div>		
	Our bot is ready, let's test the bot.	
<p>15. To check the output, type your question in the Try it now input box on the right where it says, Please use the test console above to try a sentence.</p> <div> <div>Try it now</div> <div> <div>Please use test console above to try a sentence.</div> </div> </div>		

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Try 1:

USER SAYS

COPY CURL

hi



DEFAULT RESPONSE

Good day! What can I do for you today?

INTENT


Default Welcome Intent

Try 2:

USER SAYS

COPY CURL

hi



DEFAULT RESPONSE

Greetings! How can I assist?

INTENT

Default Welcome Intent

You see that every time I say “hi” to the bot, it replies back with one of the 4 responses set for it:

Responses ?

DEFAULT

+

Text response

1

Hi! How are you doing?

2

Hello! How can I help you?

3

Good day! What can I do for you today?

4

Greetings! How can I assist?

5

Enter a text response variant




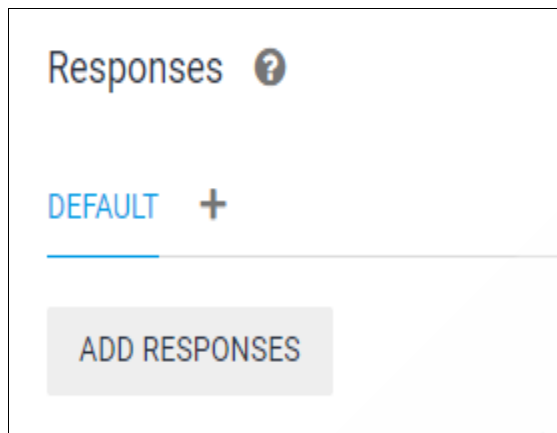
Now I want you both to put on your thinking caps!

What should I do if I need to get one response to all the training phrases?

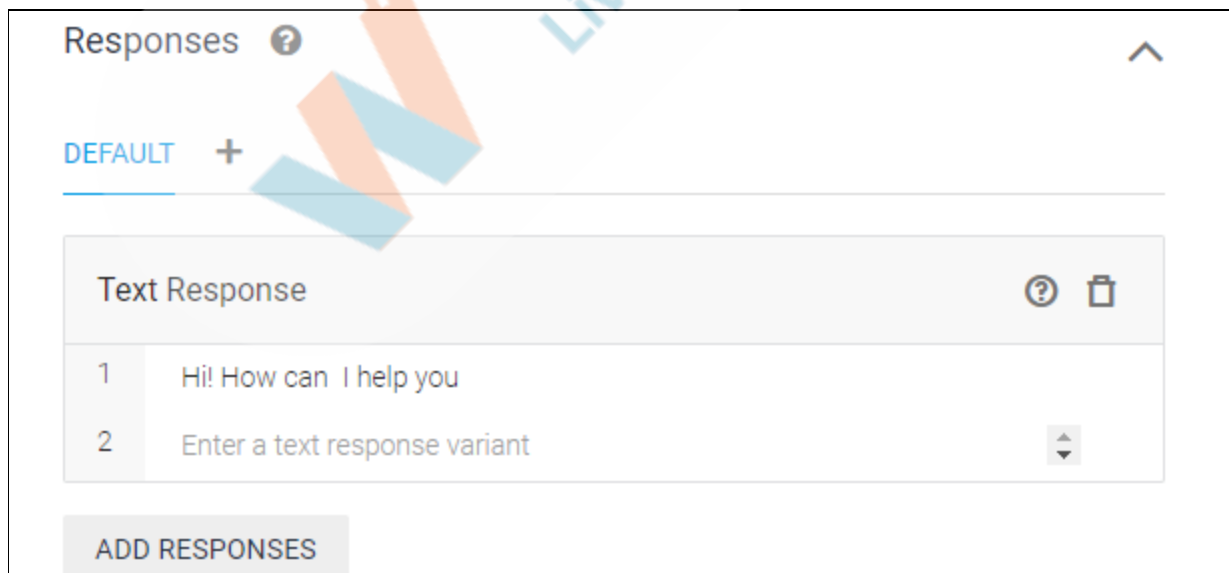
ESRs: Varied.

16. Let's delete these responses and set only one response to all the training phrases.

Press the **delete** icon  to delete all the default phrases. Choose **ADD RESPONSES** and select **Text Response**:



17. Add the **Text Response** you wanted to display as shown in the following screenshot:




18. Now click on the **Save** button and let the bot train. You can see your response on the right side of your interface:

Agent

USER SAYS

COPY CURL

hi


DEFAULT RESPONSE

▼

Hi! How can I help you

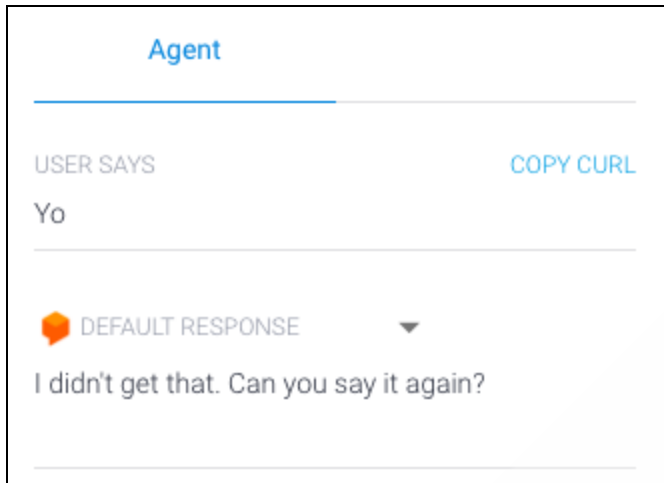
Great! We have trained the bot to welcome the user.

<Student name 2>, what will happen if the user says something which the bot is NOT trained to reply on?

The teacher gives the input as shown in the below step.

ESRs:
Varied.

19. Guide the students about the usage of **Fallback intent**:



The screenshot shows a chat window titled 'Agent'. Under 'USER SAYS', the text 'Yo' is entered. To the right is a 'COPY CURL' button. Under 'DEFAULT RESPONSE', the text 'I didn't get that. Can you say it again?' is displayed, indicating a fallback response.

<Student name 2>, what did you see?

ESRs:

The bot replies with a default statement.

<Student name 1>, where does this response come from?

ESRs:

Varied.

This response comes from the fallback intent:

Fallback intent is triggered when the bot doesn't have responses in its memory that match the user input or the question.

The teacher guides the students to open the fallback intent.

20. Now go back to the intent option, click on the **Default Fallback Intent** option:

Intents

CREATE INTENT

Search intents



Default Fallback Intent

Default Welcome Intent

21. We can see the default responses for the **Fallback intent**:

Responses ?

DEFAULT +

Text response

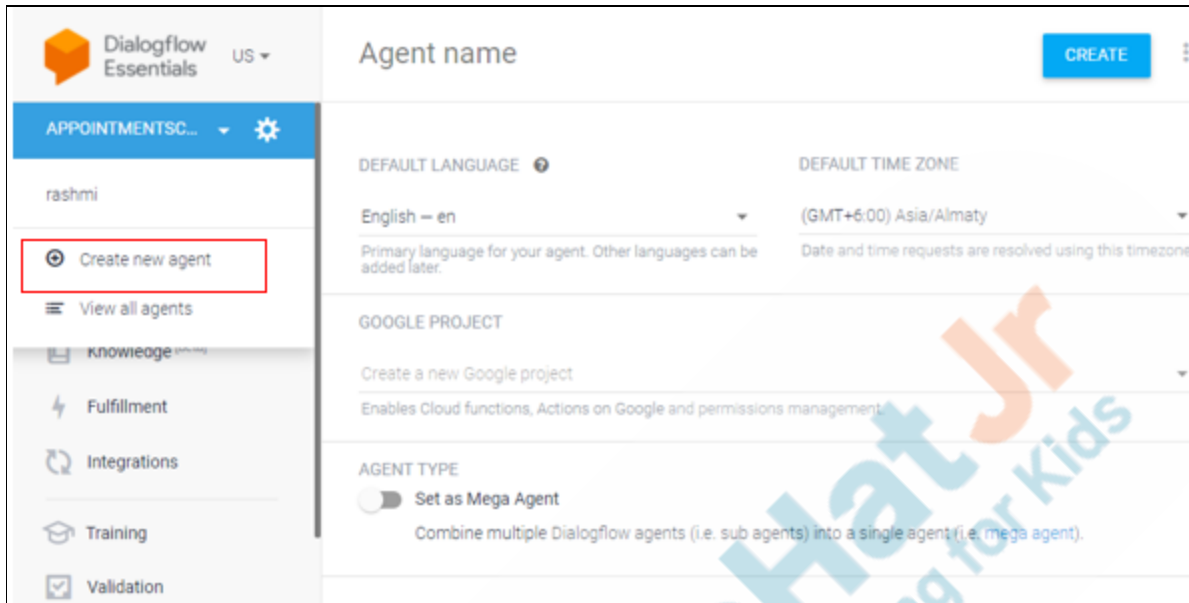
1	I didn't get that. Can you say it again?
2	I missed what you said. What was that?
3	Sorry, could you say that again?
4	Sorry, can you say that again?
5	Can you say that again?
6	Sorry, I didn't get that. Can you rephrase?

Note: We can also edit Fallback intent in a similar way to as we did to create intent and add our own response.

We have successfully learned how to

	<p>train the bot.</p> <p>Now it's your turn. We are going to train the bot for scheduling an appointment.</p> <p>Please share your screen with me.</p>	
<ul style="list-style-type: none"> • Ask the students to press the ESC key to come back to the panel. • Guide the students to start a screen share. • The teacher gets into fullscreen. 		
<p style="text-align: center;"><u>ACTIVITY</u></p> <ul style="list-style-type: none"> • Creating a chatbot for scheduling appointments. 		
<p>Step 3: Student-Led Activity (25 mins)</p>	<p><i>Guide the student to open Student Activity 1.</i></p> <p>We are going to create a bot that schedules the appointment for us by accepting the system time.</p> <p><i>Any idea how to get started?</i></p>	<p><i>The students open Student Activity 1.</i></p> <p>ESRs: Varied.</p>
	<p><Student name1>, what is the first step?</p> <p><i>The teacher guides the students to create an agent for scheduling appointments.</i></p> <p><i>Note: The teacher needs to ensure students have enabled the Terms and service.</i></p>	<p>ESRs: Creating an agent.</p> <p><i>The students create the new agent.</i></p>

22. Create a new agent named **Appointment**:




<Student name 2>, did you find any new tab to create the intent?

ESRs: CREATE INTENT.

Exactly!

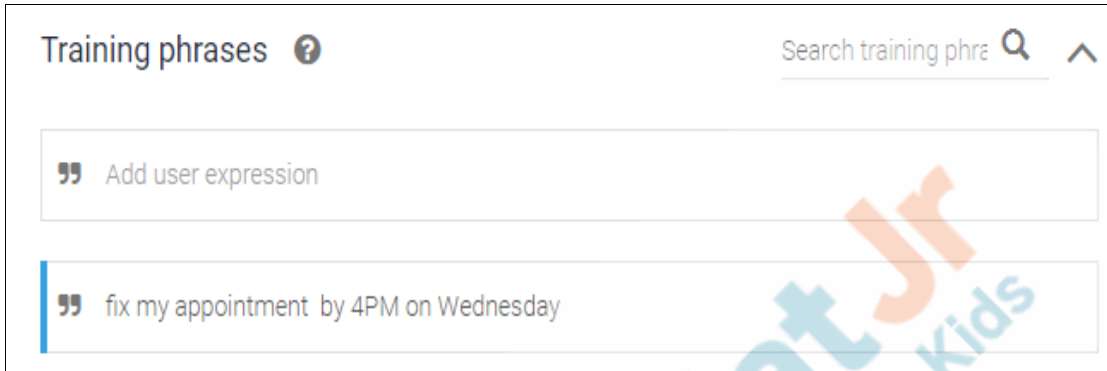
The teacher guides the students to click on intent and create a new intent and give the name of the intent.

23. Click on **CREATE INTENT** and add the name as **Appointment**:

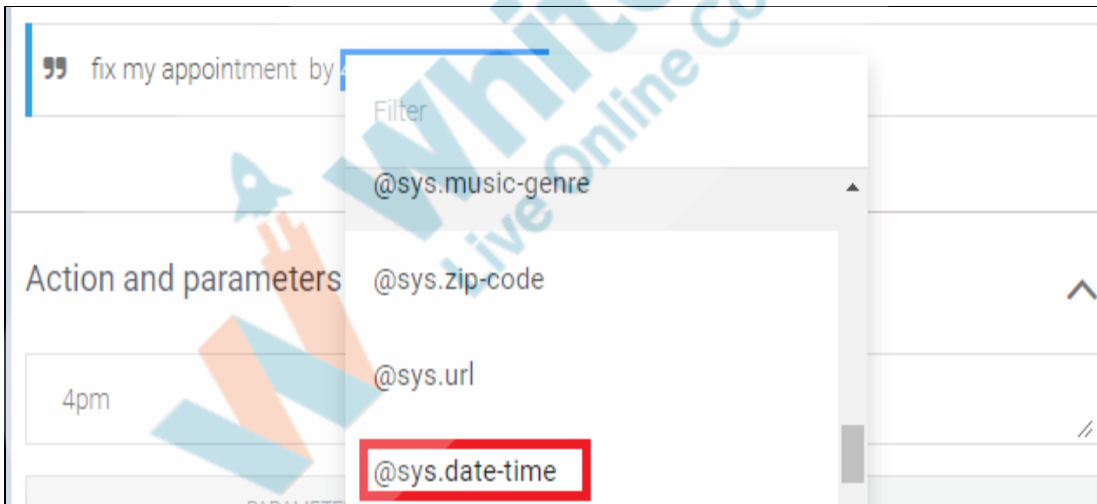
<div data-bbox="162 252 1352 730"> <div> <div>Intents</div> <div>CREATE INTENT</div> </div> <div> <div>Search intents</div> <div> <div>🔍</div> <div>🔽</div> </div> </div> <div> <div> <div>🔖</div> <div>Default Fallback Intent</div> </div> <div> <div>●</div> <div>Default Welcome Intent</div> </div> </div> <div> <div>ⓘ</div> <div>No regular intents yet. Create the first one.</div> </div> </div>		
<p>24. Add the training phrases by choosing the ADD TRAINING PHRASES option:</p> <div data-bbox="162 867 1425 1377"> <div> <div>Training phrases ⓘ</div> <div> <div>  <div> <div>Train the intent with what your users will say</div> <div> <div>Provide examples of how users will express their intent in natural language. Adding numerous phrases with different variations and parameters will improve the accuracy of intent matching. Learn more</div> <div>ADD TRAINING PHRASES</div> </div> </div> </div> </div> </div> </div>		
	<p><Student name 1>, what should be given inside the training phrase?</p> <p>Exactly! In our case, the end-user will ask for fixing the appointment. Therefore, we can fix an appointment by 4 pm on Wednesday.</p>	<p>ESRs:</p> <p>The phrases that the end-user might say.</p> <p><i>The students give the phrase for fixing the appointment.</i></p>

The teacher should guide the students to give the phrase with timing and day.

25. Add the training phase as shown below

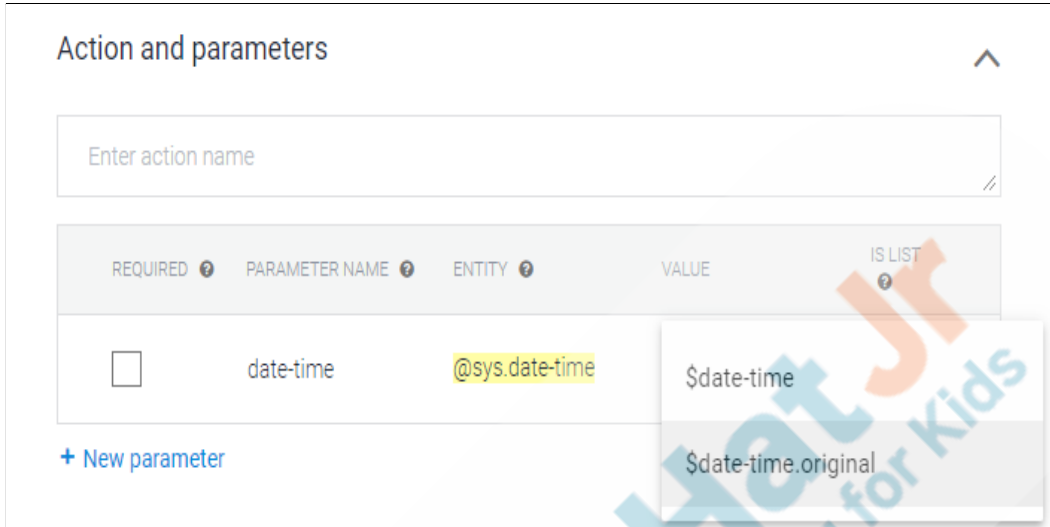


26. Now double-click on **4pm on wednesday** and add the action parameter as **@sys.date-time**:



Note: After giving the phrases, double-click on time and date to add Action and Parameter.

27. Choose the **Value** of action and parameters as **\$date-time.original** from the dropbox as shown in the following screenshot:



<Student name 1>, what could be the next after adding training phrases?

Exactly! To get interactive responses, we can fetch the date and time from the system.

This can be done using **\$date-time.it** will help to fetch the system date and time.

The teacher guides the students to add the response, save and test.

ESRs:
Responses.

The students add the responses.

28. Add the response to the training phase and click on **Save**:

Responses ?

DEFAULT +

Text Response

- 1 You are set for \$date-time see you then.
- 2 Enter a text response variant

29. Test the bot from the **Try it now** option on the top-left:

Try it now

Agent

USER SAYS


fix my appointment by 4pm on wednesday

COPY CURL

DEFAULT RESPONSE

You are set for 4pm on wednesday see you then.

Great! Now, what if the end-user gives the input only to fix an appointment without specifying the date and time?

	 <p>Now I want you to put on your thinking caps.</p> <p>Can anyone tell me how to ask the end-user to include the date and time?</p> <p><Student name 2>, do you remember what is an action?</p>	<p>ESRs: Varied.</p> <p>ESRs: We can define an action that has to be triggered for each intent.</p>
	<p>Exactly! We can define the action to trigger when the end-user is not entering the parameter.</p> <p><Student name 1>, what is a parameter?</p> <p>Great! Let's set the action with the parameter value. Here, date and time are the parameter values.</p> <p><i>The teacher guides the students to set the action.</i></p>	<p>ESRs: The extracted values from the end-user expression are called parameters.</p> <p><i>The students write and test.</i></p>
<p>30. Include the prompt message for action and parameter by selecting the REQUIRED checkbox:</p>		

REQUIRED ?	PARAMETER NAME ?	ENTITY ?	VALUE	IS LIST ?
<input type="checkbox"/>	date-time	@sys.date-time	\$date-time.original	<input type="checkbox"/>
<input type="checkbox"/>	Enter name	Enter entity	Enter value	<input type="checkbox"/>

Click on the Define prompts under PROMPT tab

REQUIRED ?	PARAMETER NAME ?	ENTITY ?	VALUE	IS LIST ?	PROMPTS ?
<input checked="" type="checkbox"/>	date-time	@sys.date-time	\$date-time.original	<input type="checkbox"/>	Define prompts...
<input type="checkbox"/>	Enter name	Enter entity	Enter value	<input type="checkbox"/>	—

Note: We can give a new parameter by clicking on the new parameter. The entity should start with @ and value with \$.

31. Enter the message that needs to be displayed inside the **Prompts** box if the user misses entering the date and time as shown in the following screenshot. Once you enter the message, click on **CLOSE** and then **SAVE**:

Prompts for "date-time"

NAME	ENTITY	VALUE
date-time	@sys.date-time	\$date-time

PROMPTS

1 please confirm the date and time|
2 Enter a prompt variant

CLOSE

32. Test the bot:

Agent

USER SAYS

fix appointment

COPY CURL

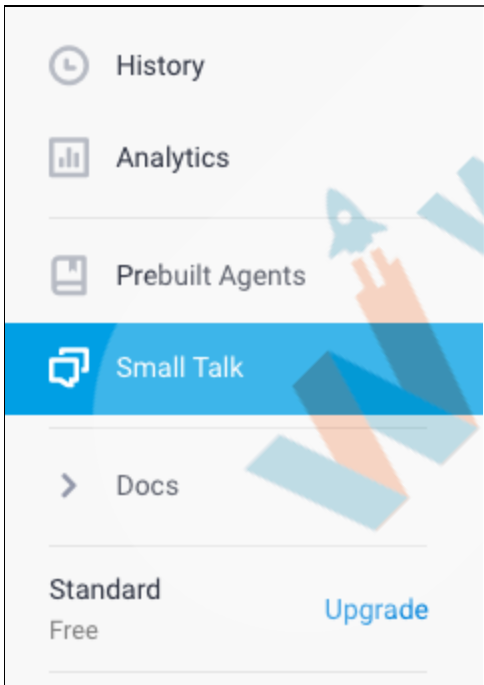
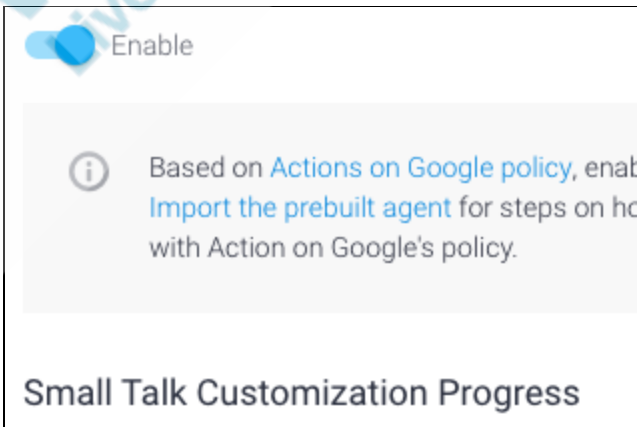
DEFAULT RESPONSE


please confirm the date and time

Feeling interested?

Now, let's train the bot on more information about the agent.

ESRs: Varied.

	<p>Small Talk is a list of common pre-built intents/questions created so that you don't have to recreate all the intents by yourself.</p> <p>Now, let's answer all the questions, as many as you can, and then we will test the bot to see if it works.</p> <p>To do that, click on the Small Talk service and Enable it.</p>	<p><i>The students listen.</i></p>
<p>33. Click on Small Talk service from the left-hand side Dialogflow Essentials menu and Enable it.</p> <div data-bbox="159 982 639 1663">  </div> <div data-bbox="646 1239 1279 1663">  </div>		




Small Talk

SAVE

Small Talk Customization Progress

0%



About agent

0%

QUESTION

Who are you?

ANSWER

1

Enter a Answer

QUESTION

How old are you?

ANSWER

1

Enter a Answer

QUESTION

You're annoying.

ANSWER

1

Enter a Answer

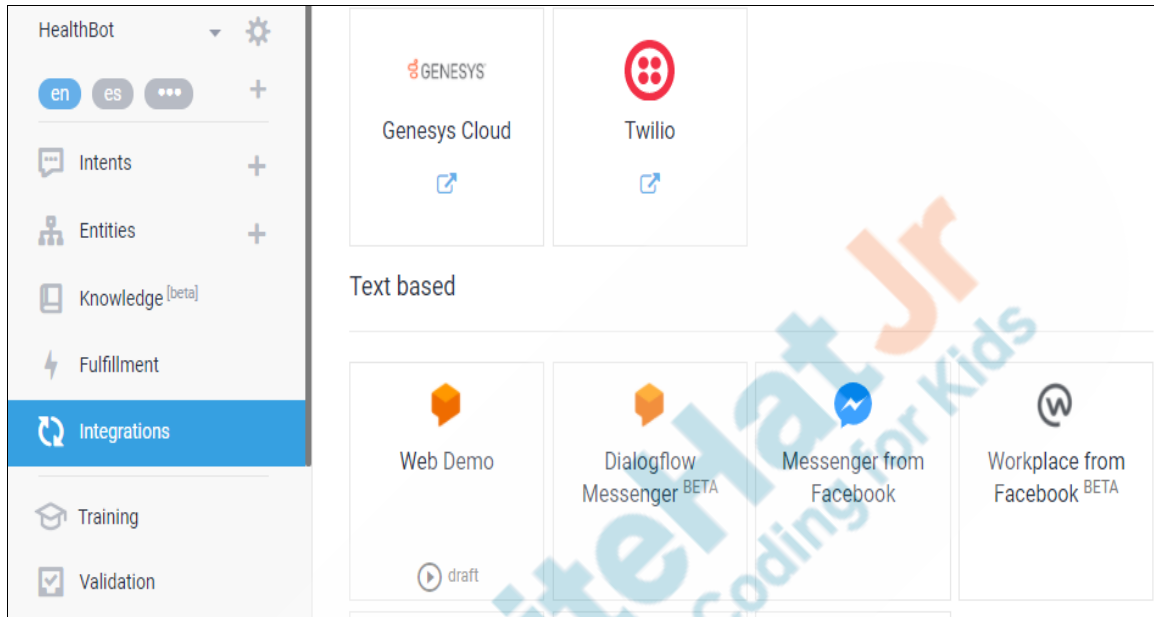
QUESTION

Answer my question.

Enter the answer for the above question and click on save

	<p>Great! We are at the final stage. Let's integrate our chatbot into a website.</p> <p>To do that, we need to click on "Integration" and enable Web Demo.</p> <p><i>The teacher guides the students to enable integration.</i></p>	<p><i>The students enable the web demo.</i></p>
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34. Click on **Integrations** on your left-hand side, scroll down and search for the **Text-Based** section; select the **Web Demo** option and click on the **ENABLE** button:



You will get a popup showing the bot link as shown in the following screenshot:



Web Demo



Test the agent on its own page. Share the link to the page or embed the ` widget in other websites to get more conversations going. [More in documentation.](#)

<https://bot.dialogflow.com/b14a9874-6587-44c4-bc62-76e78116b093>



Seems that your agent info is not filled yet. Set icon and description for better end-user experience.



Add this agent to your website by copying the code below:

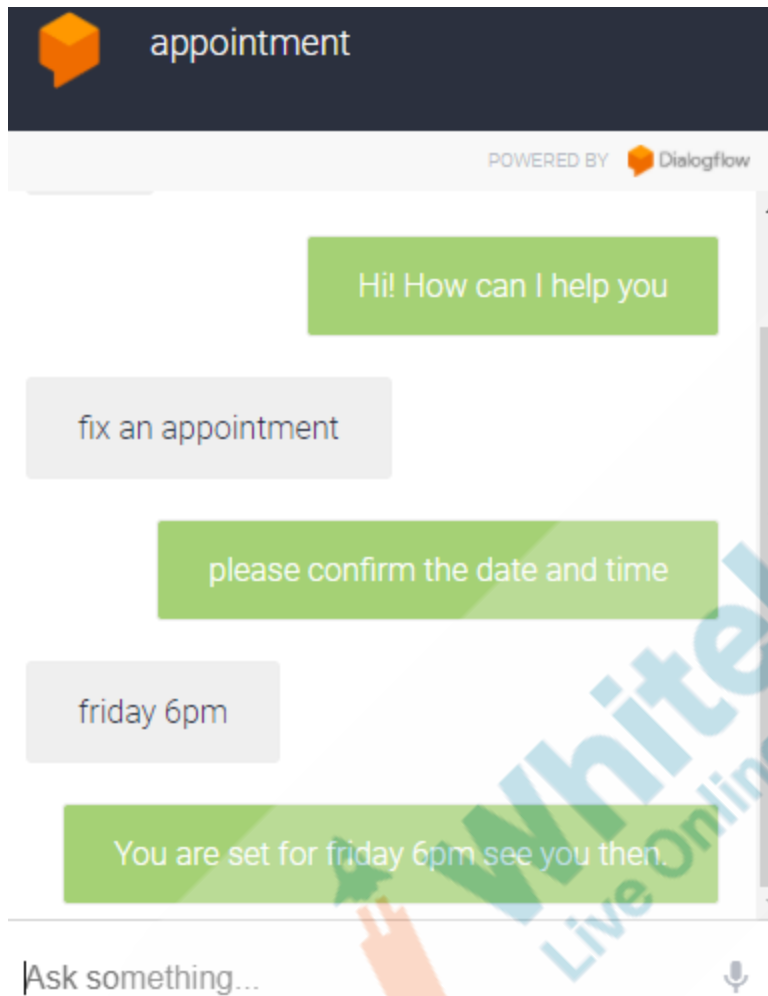
```
<iframe
  allow="microphone;"
  width="350"
  height="430"
  src="https://console.dialogflow.com/api-client/demo/embedded/b14a9874-6587-44c4-bc62-76e78116b093">
</iframe>
```



The link in the **src** or source is the bot link. Copy this link, paste it into the panel, and press **Submit**.

Note: You can also paste this link in another Chrome tab and see how your bot looks and works.

OUTPUT:



Wow! Great!

Now we have learned how to create a chatbot API. Good work!

Teacher Guides Student to Stop Screen Share




FEEDBACK


- Encourage the students to make reflection notes in markdown format.
- Compliment the students for their effort in the class.
- Review the content of the lesson.

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Step 4: Wrap-Up (5 min)	Do you see how easy it is to add new functionalities on top of properly structured code?	ESRs: Yes!
	<p><i><Ask both the students alternatively.></i></p>  <p>Refer to Teacher Resources page/slide 5-7 for images.</p> <p>Q1) What do you mean by Training phrases?</p> <p>Q2) What will happen if the user says something which the bot is NOT trained to reply to?</p> <p>Q3) What are the different ways for providing the response?</p>	<p>ESRs: Training phrases are where we create end-user phrases—the phrases that the end-user might say.</p> <p>ESRs: The response comes from the fallback intent.</p> <p>ESRs: We can define text, speech, or visual responses to return to the end-user.</p>
	<p>You get Hats Off for your excellent work!</p> <p>In the next class, we will add how to add the appointment to our google calendar and how to publish in different messengers.</p>	<p><i>Make sure you have given at least 2 Hats Off during the class for:</i></p> <div data-bbox="1019 1495 1312 1600">  </div> <div data-bbox="1019 1663 1312 1768">  </div>

		<div> <div>Strong Concentration</div> <div>  <div>+10</div> </div> </div>
	<p>Congratulations! You have set a new benchmark.</p> <p>Brace yourself! Your new challenge is ready.</p> <p>You have to apply the programming constructs learned during the past few classes to create the Fruit Collector App.</p>	
Project Overview	<p>MY CITY chatbot</p> <p>Goal of the Project:</p> <p>In Class C45, we created a chatbot using Google Dialogflow. We integrated the Small Talk service, which has a list of pre-built questions, and we created intents for the chatbot to respond to.</p> <p>In this project, you will apply what you have learned in the class to achieve the following goals.</p> <p>Main Goal</p> <ul style="list-style-type: none"> Create a chatbot. <p>Additional Goal 1</p> <ul style="list-style-type: none"> Create related intents for the chatbot. 	

	<p>Story:</p> <p>A reputed travel company in your city is going digital. They have hired you to create a chatbot for them.</p> <p>The chatbot needs to provide information about your city to first-time travelers so they can plan their visits better.</p> <p>I am very excited to see your project solution and I know you both will do really well.</p> <p>Bye Bye!</p>	
<p>Teacher Clicks</p> <p>✕ End Class</p>		
Additional Activities I	<p><i>Encourage the students to write reflection notes in their reflection journals using markdown.</i></p> <p>Use these as guiding questions:</p> <ul style="list-style-type: none"> • What happened today? <ul style="list-style-type: none"> ○ Describe what happened. ○ The code I wrote. • How did I feel after the class? • What have I learned about programming and developing games? 	<p><i>The students use the markdown editor to write their reflections in a reflection journal.</i></p>

	<ul style="list-style-type: none"> What aspects of the class helped me? What did I find difficult? 	
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Activity	Activity Name	Links
Teacher Activity 1	Teacher Resource	https://curriculum.whitehatjr.com/1%3A2+Assest/1%3A2+Pro/Copy+of+1_2+PRO+C45-Teacher+Resources.pptx
Teacher Activity 2	Dialogflow	https://dialogflow.cloud.google.com/
Teacher Activity 3	Teacher Reference	https://console.dialogflow.com/api-client/demo/embedded/95d1542f-5d82-4bbb-b0dc-8198e50817d8
Student Activity 1	Dialogflow	https://dialogflow.cloud.google.com/