

Alexa Skill for COVID-19 Recommendation

Introduction:

Direct communication between people became very cautious in the fear of COVID-19 pandemic. This fear of infection came to its extremity, making us think twice and more before any basic interactions in the real world. That made the upheaded 'Alexa' with more significant features and flexibility, available to the uses of all kinds.

Overview:

Alexa is a virtual assistant developed by Amazon, which is able to play music, provide information, deliver news and sports scores, tell you the weather, control your smart home, and more. Today, We will take Alexa to the next step, Making our own Echo that drives based on our situations, Changeable and feasible. Keeping in the note of reducing human interactions till the pandemic frees the humankind.

Purpose:

The main purpose of Alexa skill for covid-19 is to help people with recommendations to stop spreading and prevent themselves from it and to give them corresponding details regarding it's effect.

Screenshots of Output:

[illegible]

Rediffmail x Alexa Developer Console x DynamoDB - AWS Console x Functions - Lambda x API Gateway x New Tab

developer.amazon.com/alexa/console/ask/test/amzn1.ask.skill.a698ff8d-d787-4c8e-b5c7-0644d35a8176/development/en_US/

alexa developer console

< Your Skills covid guide Build Code Test Distribution Certification Analytics

Skill testing is enabled in: Development

☒ Skill I/O ☒ Device Display ☐ Device Log

Alexa Simulator Manual JSON Voice & Tone

English (US) Type or click and hold the mic

yes

Your Details are Registered sutheep, I hope It's wonderful Growing up at chennai 105, Must be very fascinating to you. Okay, Having 105 Temperature You dont need to worry! I Wish I could help you more, Please check @https://covidindia.org/ For more information and guidelines about COVID-19

I have difficulty in breathing

Hey There! The symptoms seems severe here, you must quarantine yourself for 16 days in order to be safe for the people around you as it could spread

Skill Invocations | Viewing: 1 / 2

JSON Input 1

```
1 {
2   "version": "1.0",
3   "session": {
4     "new": false,
5     "sessionId": "amzn1.echo-api.session.92faa339-d741-48a1-
6     "application": {
7       "applicationId": "amzn1.ask.skill.a698ff8d-d787-4c8e-
8     },
9     "user": {
10      "userId": "amzn1.ask.account.AHQFMOUMIPQ57YL6CY6F
11    },
12    "context": {
13      "Viewports": [
14        {
15          "type": "API",
16          "id": "main",
17          "shape": "RECTANGLE",
18          "presentationType": "STANDARD",
19          "canRotate": false,
20          "configuration": {
21            "current": {
22              "video": {
23                "codecs": [
24                  "H.264, A1"
25                ]
26              }
27            }
28          }
29        }
30      ]
31    }
32  }
```

JSON Output 1

```
1 {
2   "body": {
3     "version": "1.0",
4     "response": {
5       "outputSpeech": {
6         "type": "SSML",
7         "ssml": "<speak>Hey There! The symptoms seems seve
8       },
9       "type": "_DEFAULT_RESPONSE"
10    },
11    "sessionAttributes": {},
12    "userAgent": "ask-python/1.11.0 Python/3.7.8"
13  }
```

Full Build Successful

If you make any new changes, you will need to rebuild your model for them to take effect.

Interact with your model using Utterance Profiler

English (US) Feedback X

Type here to search

© 2010 - 2020, Amazon.com, Inc. or its affiliates. All rights reserved. Terms Docs Forums Blog Alexa Developer Home

us-east-2.console.aws.amazon.com/dynamodb/home?region=us-east-2#tables:selected=guidedCovid;tab=items

aws Services Resource Groups

Sam Sundar S Ohio Support

DynamoDB

Dashboard

Tables

Backups

Reserved capacity

Preferences

DAX

Dashboard

Clusters

Subnet groups

Parameter groups

Events

Create table Delete table

Filter by table name

Choose a table ... Actions

Name

guide

guidedCovid

users

guidedCovid Close

Overview Items Metrics Alarms Capacity Indexes Global Tables Backups Contributor Insights More

Create item Actions

Scan: [Table] guidedCovid: Names

Viewing 1 to 3 items

Scan [Table] guidedCovid: Names

Add filter

Start search

Names	Location	Temperature
SamSundar	Tuticorin	99
Sherin	Bangalore	100
Sutheep	Chennai	105

Feedback English (US)

© 2008 - 2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. Privacy Policy Terms of Use

amzn1.ask.skill.a69...zip

Type here to search

Rediffmail x Alexa Developer Console x DynamoDB - AWS Console x Functions - Lambda x API Gateway x New Tab

developer.amazon.com/alexa/console/ask/test/amzn1.ask.skill.a698ff8d-d787-4c8e-b5c7-0644d35a8176/development/en_US/

alexa developer console

< Your Skills covid guide Build Code Test Distribution Certification Analytics

Skill testing is enabled in: Development

☒ Skill I/O ☒ Device Display ☐ Device Log

Alexa Simulator Manual JSON Voice & Tone

English (US) Type or click and hold the mic

corona info

Welcome! Feel free to ask any details regarding COVID-19 I am here to help you, May I know your name, location and temperature please?

my name is samsundar from tuticorin 99

Skill Invocations | Viewing: 1 / 2

JSON Input 1

```
1 {
2   "version": "1.0",
3   "session": {
4     "new": false,
5     "sessionId": "amzn1.echo-api.session.db937e8f-7c8d-4d2a-
6     "application": {
7       "applicationId": "amzn1.ask.skill.a698ff8d-d787-4c8e-
8     },
9     "user": {
10      "userId": "amzn1.ask.account.AHQFMOUMIPQ57YL6CY6F
11    },
12    "context": {
13      "Viewports": [
14        {
15          "type": "API",
16          "id": "main",
17          "shape": "RECTANGLE",
18          "presentationType": "STANDARD",
19          "canRotate": false,
20          "configuration": {
21            "current": {
22              "video": {
23                "codecs": [
24                  "H.264, A1"
25                ]
26              }
27            }
28          }
29        }
30      ]
31    }
32  }
```

JSON Output 1

```
1 {
2   "body": {
3     "version": "1.0",
4     "sessionAttributes": {},
5     "userAgent": "ask-python/1.11.0 Python/3.7.8",
6     "response": {
7       "outputSpeech": {
8         "type": "SSML",
9         "ssml": "<speak>Your Details are Registered samsun
10       },
11       "type": "_DEFAULT_RESPONSE"
12     }
13   }
```

Application:

- *During this pandemic, People don't feel lonely, They can talk and interact with Alexa*
- *We can get various recommendations regarding covid-19*
- *we can know the count of cases in all states and countries.*
- *We can get instant news about covid-19 in seconds.*

Conclusion:

Virtual assistants like Alexa helps us come up with cool conversations like any one of us required in this pandemic situation thus we conclude that creation of alexa skill set is a great idea and a better choice we made.

Future Scope:

Alexa skill set for covid -19 recommendation is playing a good role in helping people by providing valuable details and recommendations. So it is highly recommended to use alexa skill set for helping people during any forthcoming pandemics. Thus we can conclude by saying that the future scope of Alexa skill set for pandemics is high.