**mchacks idea**

Voice-driven commands (via google home)

Going for best accessibility hack - help people!

* language barriers: “Mobile devices equipped with translation technologies are only good at translating a conversation that is presented at a reasonably slow pace, from two people, in a reasonably quiet room, and within a given distance from the device,”

Communication Barrier

Reads in speech and recognizes key words from our arrays – populates information page with relevant information

Google Home Can ask questions and record words at a time

* diagnosis: common English
* explanation of medication
* nearest pharmacy

**Action**: An Action is an entry point into an interaction that you build for the Assistant. Users can request your Action by typing or speaking to the Assistant.

* **Intent**: An underlying goal or task the user wants to do; for example, ordering coffee or finding a piece of music. In Actions on Google, this is represented as a unique identifier and the corresponding user utterances that can trigger the intent.
* **Fulfillment**: A service, app, feed, conversation, or other logic that handles an intent and carries out the corresponding Action.

Action = “Start Appointment”

Intent1 = “Get Diagnosis”

Fulf1 = Repeat diagnosis in common English

A screenshot of a cell phone

Description automatically generated

**Parameters**

1) disease

2) medication

3) side effects

OG CODE

// See https://github.com/dialogflow/dialogflow-fulfillment-nodejs

// for Dialogflow fulfillment library docs, samples, and to report issues

'use strict';

const functions = require('firebase-functions');

const {WebhookClient} = require('dialogflow-fulfillment');

const {Card, Suggestion} = require('dialogflow-fulfillment');

process.env.DEBUG = 'dialogflow:debug'; // enables lib debugging statements

exports.dialogflowFirebaseFulfillment = functions.https.onRequest((request, response) => {

const agent = new WebhookClient({ request, response });

console.log('Dialogflow Request headers: ' + JSON.stringify(request.headers));

console.log('Dialogflow Request body: ' + JSON.stringify(request.body));

function welcome(agent) {

agent.add(`Welcome to my agent!`);

}

function fallback(agent) {

agent.add(`I didn't understand`);

agent.add(`I'm sorry, can you try again?`);

}

// // Uncomment and edit to make your own intent handler

// // uncomment `intentMap.set('your intent name here', yourFunctionHandler);`

// // below to get this function to be run when a Dialogflow intent is matched

// function yourFunctionHandler(agent) {

// agent.add(`This message is from Dialogflow's Cloud Functions for Firebase editor!`);

// agent.add(new Card({

// title: `Title: this is a card title`,

// imageUrl: 'https://developers.google.com/actions/images/badges/XPM\_BADGING\_GoogleAssistant\_VER.png',

// text: `This is the body text of a card. You can even use line\n breaks and emoji! 💁`,

// buttonText: 'This is a button',

// buttonUrl: 'https://assistant.google.com/'

// })

// );

// agent.add(new Suggestion(`Quick Reply`));

// agent.add(new Suggestion(`Suggestion`));

// agent.setContext({ name: 'weather', lifespan: 2, parameters: { city: 'Rome' }});

// }

// // Uncomment and edit to make your own Google Assistant intent handler

// // uncomment `intentMap.set('your intent name here', googleAssistantHandler);`

// // below to get this function to be run when a Dialogflow intent is matched

// function googleAssistantHandler(agent) {

// let conv = agent.conv(); // Get Actions on Google library conv instance

// conv.ask('Hello from the Actions on Google client library!') // Use Actions on Google library

// agent.add(conv); // Add Actions on Google library responses to your agent's response

// }

// // See https://github.com/dialogflow/fulfillment-actions-library-nodejs

// // for a complete Dialogflow fulfillment library Actions on Google client library v2 integration sample

// Run the proper function handler based on the matched Dialogflow intent name

let intentMap = new Map();

intentMap.set('Default Welcome Intent', welcome);

intentMap.set('Default Fallback Intent', fallback);

// intentMap.set('your intent name here', yourFunctionHandler);

// intentMap.set('your intent name here', googleAssistantHandler);

agent.handleRequest(intentMap);

});

const app = dialogflow({debug: true});

app.intent('get\_disease', (conv, {disease}) => {

const luckyNumber = disease.length;

// Respond with the user's lucky number and end the conversation.

conv.close('Your lucky number is ' + luckyNumber);

});

// Set the DialogflowApp object to handle the HTTPS POST request.

exports.dialogflowFirebaseFulfillment = functions.https.onRequest(app);

begin\_diagnosis.begin\_diagnosis-yes.begin\_diagnosis-yes-custom