

PAW – User Inquiry and Response Inventory

General -

- Command not recognized - “I’m sorry, I don’t understand how to do that.”
This is different from searching the internet, only triggers if a command is unintelligible (gibberish, background noise, etc)
- PAW User assist- “If user responds to a command with a User-Confusion type response such as “Umm”, “Uh”, “What”, “I don’t get it”, “What was that”, “Say that again”, “Repeat that” etc... PAW Responds with a help message with generic form ‘I need [REQUIREMENT(s)] in order to continue with [Task].’

Ex:

User “PAW, add a meal to my diary.”

PAW: “Okay, what food was in the meal?”

User: (User-Confusion response)

PAW: “You asked me to [add a meal], I need a [number] of [food items] to do

that.

PAW: “Did you still want to [add a meal]?”

User: Responds EITHER Yes or No.

Task then continues as normally scripted

Task - Ask PAW for information about Corgis. (Hologram only)

User: “PAW, ----- Corgis.” (KEYWORDS: Search, find, etc, [SUBJECT OF SEARCH- Anything with a definition on the internet])

PAW: “Here’s what I got about Corgis: The Pembroke Welsh Corgi is a cattle herding dog breed which originated in Pembrokeshire, Wales. It is one of two breeds known as a Welsh Corgi.”

Task - Call your mom. (both)

User: “PAW, Call mom” (KEYWORDS: Call, Dial, [CONTACT NAME])

PAW: “Okay, calling your contact ‘mom’”

User: “PAW, Call 123-456-7890” (KEYWORDS: Call, Dial, [PHONE #])

PAW: “Okay, I’m dialing the number 123-456-7890, Is this correct?”

User: says EITHER YES or NO

“Yes”- PAW says: “Okay, dialing...”

OR user says

“No”- PAW says: “Alright, do you want to tell me that number again?”

User: says EITHER YES or NO

“Yes”- PAW repeats this script

OR user says

“No”- PAW says “Ok, I’m cancelling the call.”

Task - Get Information About your schedule for the day. (both)

User: “PAW, Give me my schedule for today ” (KEYWORDS: Schedule, today[DATE RANGE ACCEPTED])

PAW: “You have 2 appointments today, a meeting with Mark at 10:00 a.m. and a Dentist appointment at 3:00 p.m.”

Task - Get the weather for the day. (both)

User: “PAW, What is the weather for today?” (KEYWORDS: Weather, today[DATE RANGE ACCEPTED])

PAW: “The forecast for today says that in Fredericksburg, VA it will be 70 degrees with a 70% chance of rain, Don’t forget to bring your umbrella!”

Task - Ask PAW for directions to your home. (Hologram only)

User: “PAW, Give me directions Home” (KEYWORDS: Directions, GPS, [Destination]-Home)

PAW: “Here are directions Home, it should take you about 20 minutes from your current location with traffic.”

Task - Ask PAW to add a meal to your food diary. (Hologram only)

User: “PAW, Add [FOOD ITEM] to my meals” (KEYWORDS: Add, meals, [Food Item(s) required])

PAW: “I added [FOOD ITEM] to your meals, you have approximately 500 calories left for today.”

User: “PAW, add a meal to my food diary.”

PAW: “Okay, what food was in this meal?”

User: “I had [number] [food item] ... and [number] [food item]. That’s it.” (KEYWORDS: [number] [food item], and [closing statement: That’s it, nothing else, finished, done])

User: “PAW, add a meal to my food diary.”

PAW: “Okay, what food was in this meal?”

User: “I had [number] [food item] ... and [number] [food item].” (KEYWORDS: [number] [food item])

PAW: “Anything else? Or is that all?”

User: EITHER finishes meal log with [closing statement]

OR Continues logging meal with form [number] of [food item].

Task - Ask PAW to prepare to track a run (Hologram only)

User: "PAW, start tracking my workout" (KEYWORDS: Workout, start, tracking)

PAW: "What kind of a workout do you want me to track?"

User: "Run." (KEYWORD: run)

User: "PAW, start tracking a run." (KEYWORDS: Start, tracking, run)

PAW: "Okay, Start running when you are ready."

Task - Ask PAW to change your daily step goal (Hologram only)

User: "PAW, change my daily step goal to [number]" (KEYWORDS: Change, edit, set, step, goal, [number 0-99,999])

PAW: "Your daily step goal has been modified to [number]."

User: "PAW, change my daily step goal."

PAW: "Okay, what do you want your new goal to be?"

User: "[number 0-99,999]"

PAW: "Alright, your new daily step goal is [number]."