WALL-E Machine Learning Commands

1. Greeting
   1. Every time WALL-E sees a face, it says a greeting.
      1. Recognizes the face and is in his database of faces
         1. EX: “Hi ­­­\_\_\_\_\_\_\_”
      2. Does not recognize the face
         1. Some sort of greeting
            1. EX: “I don’t know who you are but let’s be friends”
         2. Asks the user for a name
            1. EX: “What is your name?”
         3. Inputs it into the database and then says hi
            1. EX: “Hi \_\_\_\_\_\_\_”
   2. Sleep
      1. WALL-E has a sleep function that puts him to sleep when he is not in use. Allows for the longevity of the battery
      2. Command: “WALL-E sleep”
   3. Empty Trash
      1. Similar to WALL-E in the movie, our version will have some sort of cube being dumped out by WALL-E
      2. WALL-E has the functionality of cleaning and therefore, all the trash collected will be stored in a cube
      3. When the user wants to empty the cube
         1. “WALL-E empty”
            1. WALL-E will dump out the cube for the user to empty and allow the user to replace the cube inside him once it is emptied
      4. When WALL-E’s trash cube is full
         1. WALL-E will say “I’m full”
            1. WALL-E will dump out the cube for the user to empty and allow the user to replace the cube inside him once it is emptied
   4. Feelings
      1. Zone out/Daydreaming
         1. WALL-E in the movie is in love with EVA and therefore, WALL-E will have a multicolored LED to display his different emotions
            1. A pink/purple color will show that WALL-E is zoned out and daydreaming about EVA
         2. He will also say “EVA” when he is zoned out and daydreaming
      2. Sad
         1. When WALL-E’s battery is low and needs charging, he will be displayed as sad
            1. A blue color will show that WALL-E is sad and needs to be charged
         2. He will also say “My battery is dying. I’m sad”
      3. Happy
         1. WALL-E will be depicted as happy when he has made a new friend
            1. He will have a yellow color to show that he is happy
            2. He will also say “Yay! I made a new friend!”
   5. Snack
      1. WALL-E will have a small snack compartment that the user can fill with a small snack that they can access with certain commands
         1. “WALL-E, I’m hungry”
            1. WALL-E will then respond by opening this secret compartment which will allow the user to have a snack.
            2. This command can be used to open the compartment to also refill it with snacks
   6. Clean
      1. WALL-E has the functionality to clean around the surface which he is on (the desk)
      2. The command “WALL-E clean” will let him know that it is time to clean and he will navigate the desk and pick up all the dirt and trash with his fan blower.