Meeting Minutes

Date: October 31st, 2019   Time: 10:00 AM   Location: Dr. Vajda's Office

1. What is the general idea around this project?
   a. The final product will be a demo of the software we've created for the robot
   b. Respond to voice commands, recognize faces and facial expressions, perform physical actions
2. Are we allowed to use the built in libraries?
   a. Yes
3. What specific hand gestures or voice commands does the robot need to respond to?
   a. This is up to the team. Dr. Vajda would like some more complex actions to be performed in comparison to last year's demonstration.
   b. Ideas given:
      i. Facial Recognition (emotion, age, gender, ect)
      ii. Grab an object based on specification (Give 3 balls, ask for the red one)
      iii. Access definitions using http requests (Wikipedia, Dictionary, IMDB, Weather, News, Recipes)
      iv. Solve arithmetic expressions or read from a print document
      v. Add a calculator ("Can you solve 2 + 2?")
      vi. Perform the Haka
      vii. Receive commands from remote devices (phone, tablet, smart watch)
4. What is the timeline for this project?
   a. Are there to be demos presented before the final deadline?
      i. Yes, at week 5, the team will present what they have been able to accomplish up until that point.
      ii. Settle on the functionalities of the robot by November 14th
      iii. By January, have a week to week plan of how the team will complete the modules required for their selected functionalities.
   b. What deliverables would you like and when would you like them (if prior to the final deadline)
      i. As stated above, the team will present what they have accomplished up to week 5 as well as present a plan to implement their selected functionalities.
5. Important Dates:
   a. November 14th - Determine the functionalities of the robot the team would like to implement
   b. Lab 5 of CS480 - Present the project and the team's ideas for implementation.

c. Week 1 of Winter Quarter - Deliver a plan to implement all selected functionalities (week to week)
d. Week 5 of Winter Quarter - Demonstrate the functionalities that the team has been able to implement up to this point.
e. Week 9/10 of Winter Quarter - Demonstrate the full capabilities of the robot that have been implemented up to this point. Each person on the team should point out the parts of the project they contributed during this presentation.