Richard Hsu

Project 1

Project Idea: Chatbot

The project idea that I selected was the Chatbot. After much research, I became interested in developing a program that included aspects of artificial intelligence, which is a field that I am very interested in. ELIZA is an example of one of the very first Natural Language Processing Systems designed by Joseph Weigenbaum in 1966 in order to mimic psychotherapy. In the program that he wrote, Weigenbaum used an algorithm to parse certain words in a user’s input and then uses it to generate logical responses that can move the conversation forward. The end goal was to create the illusion that ELIZA actually understood what the user was telling it even though the program is merely following a set of instructions to generate meaningful responses.

Language Selected: Scala

Language Overview