Team 2 CSC 4350:
Software Engineering
Dr. Rao Casturi

Team Members:
- William Floyd Jones
- Aida Ali Mumin
- Samuel Meludu
- Muhammad Ali Raza
- Jabari Micah Mitchell

Project Name: Recommendation Interactive Chatbox Bot (Or RIC-Bot)

Project Description:

        Everybody has challenges with making decisions as the world presents itself with so many options to choose from that it becomes overwhelming. We have created a way to solve this problem by introducing the RIC-Bot.

        The RIC-Bot is an interactive chatbot that is built to recommend suggestions on foods as a person is unable to decide what to eat. By the user answering a series of questions from RIC-Bot, it can propose an option catered to your needs. RIC-Bot will be presented as a web-based application.

Technology Stack:

        Since the application will be web-based, we will use an application framework called Flask to incorporate Python with HTML, CSS, and Javascript. Within the chatbox, the user is able to type in either questions or answers, and the application will reply with either a question that requests more context or with the suggestion. The chatbox will be built on a contextual algorithm, which is an algorithm that - depending on the context of the questions and following replies - will produce a suggestion.

Team Strengths:

William Floyd Jones has experience working in both Java and Python and has experience with HTML, CSS, Javascript - although, these languages are not as strong as his Java or Python. He has a background in conducting research as he has done a lot of work in Linux and managing data.

Aida Ali Mumin has experience working with various computer science languages, such as Java, Python, HTML, CSS, Javascript, etc, but knowledge between each language with Java and

Python being her strongest. She is organized and detail-oriented and has experience in working in project teams with various skill sets.

Samuel Meludu has experience in various computer science languages, such as Java, and has a solid background in HTML, and CSS and a little knowledge of working with PHP and JAVA Script. He has in-depth experience in working in teams on various projects and is willing to learn other languages or conduct research even if not required.

Muhammad Ali Raza has experience with Java, Python, HTML and Javascript with Python being his strongest language. He is always eager to learn new programming languages and work on exciting projects, which he typically delivers on time.

Jabari Micah Mitchell has experience with working with Java and Python - with Java being his stronger language. However, he is willing to make an effort in learning subjects that he is not experienced in.

Github URL to Project Repository:
https://github.com/willjones11/SoftwareEngineering