AI Chatbot for Student Support and Counseling

Overview:
This project aims to develop an AI chatbot or virtual assistant that provides support to students in a university. The chatbot will be designed to answer academic-related queries, offer guidance on course selection, and provide mental health. It will be an available resource 24/7, providing immediate assistance to students when needed.

Features and Functionality:
The AI chatbot will have the following key features:

a. Course Selection Guidance: The chatbot will gather information about the student's academic background, interests, and career goals to provide personalized recommendations for course selection. It will consider prerequisites, course availability, and student preferences to suggest suitable options.

b. Academic Q&A: The chatbot will be equipped with a knowledge base that includes frequently asked questions, course information, academic policies, and resources. It will provide accurate and relevant answers to academic-related queries from students.

c. Mental Health Resources: The chatbot will offer a range of mental health resources, including self-help articles, coping strategies, and contact information for university counseling services. It will provide guidance and support for common mental health concerns.

d. Counseling Services: The chatbot will offer initial counseling support by engaging in empathetic conversations, active listening, and providing resources for self-reflection. It will encourage students to seek professional counseling if needed and provide information on where to contact them.