**Career Counsellor Chat bot**

**Problem statement:**

As a student I have seen some students suffering after selecting career track that they are not interested in. Our career counsellor chatbot is designed to assist users in finding and pursuing their ideal career.

**Abstract:**

These chatbots can be accessed through online chat applications or through text messaging and are mostly conversational in nature. Counsellor chat bot is used for getting answers to general questions related to colleges and the other streams. Then a quiz is held to get more intricate details about yourself and your areas of interest. After undertaking the above-mentioned steps, you will get a detailed report that will contain the result that is it will jot down the top professions for you.

The model uses NLP and NLU to understand text input given by user. It pre-process the text data by tokenizing the input. Tokenization is the process of breaking up the text into individual words or smaller units called tokens. This step is vital for NLP tasks, as it allows the algorithms to work with smaller, more manageable pieces of data. Other pre-processing steps like lemmatization, stemming will also be done.

Streamlit is a Python library that makes it easy to build interactive, data-driven web applications. It is designed to be simple and intuitive to use, allowing us to easily create web apps with only a few lines of code. And the chat bot is done as a web application using Streamlit Library in Python.