

**Problem Statement:**

Make an Ai chat bot that can interact with humans and give relevant information regarding yourself.

**Assignment Description:**

This project will make interaction with humans with the information provided by me and would deny the information if it is beyond its limit. This software or the tool could be used as a website application or can be added in a mobile application.

**Tools:****Amazon Sumerian:**

Amazon Sumerian is a set of browser-based tools for creating high-quality virtual reality (VR), augmented reality (AR), and 3D applications easily without requiring any programming or 3D graphics expertise. With Sumerian, you can construct an interactive 3D scene without any programming experience, test it in the browser, and publish it as a website that is immediately available to users. It also has a library of primitive shapes, 3D models, hosts, textures, and scripts.

**Amazon Lex:**

Amazon Lex is an AWS service for building conversational interfaces into applications using voice and text. With Amazon Lex, the same deep learning engine that powers Amazon Alexa is now available to any developer, enabling you to build sophisticated, natural language chatbots into your new and existing applications. Amazon Lex provides the deep functionality and flexibility of natural language understanding (NLU) and automatic speech recognition (ASR) to enable you to build highly engaging user experiences with lifelike, conversational interactions and create new categories of products.