**Module 1: Chatbot Development and Integration**

GPT API

STT model = SILERO SPEECH-TO-TEXT MODELS/[Silero Speech-To-Text Models | PyTorch](https://pytorch.org/hub/snakers4_silero-models_stt/)

TTS model in my Collab notebook = Whisper

**Module 2: Avatar Creation**

[**Cartoon Faces (Google's Cartoon Set) | Kaggle**](https://www.kaggle.com/datasets/brendanartley/cartoon-faces-googles-cartoon-set)

[**Cartoon Set: An Image Dataset of Random Cartoons (google.github.io)**](https://google.github.io/cartoonset/)

**Module 3: Personalized Speech Synthesis**

**Voice-Cloning 0.0.9**

https://github.com/CorentinJ/Real-Time-Voice-Cloning

**Module 4: Avatar-Response Integration and Expression Control**

Wav2lipy

**DeepFace**