

# 1 Initial Commit: Chatbot Project Setup

The initial commit includes the basic chatbot functionality. The chatbot uses a simple natural language processing (NLP) model to respond to user input.

## 1.1 How it Works

The chatbot uses a dictionary-based approach to match user input to predefined responses. The NLP model is trained on a dataset of intents and responses, allowing the chatbot to generate responses based on user input.

### 1.1.1 Code Explanation

The code uses a combination of Python and NLP libraries to process user input and generate responses. The main components of the code include:

- Intent recognition: The chatbot uses a machine learning model to classify user input into different intents.
- Response generation: The chatbot generates responses based on the recognized intent.

## 1.2 References

- [https://github.com/Chando0185/Multiverse\\_of\\_100\\_databases\\_project\\_series/tree/main/End](https://github.com/Chando0185/Multiverse_of_100_databases_project_series/tree/main/End)
- <https://www.youtube.com/watch?v=fVDOLz4gHDI&list=PLWyN7K28ZraQi17ILgiKAiYFmGeQWbI&index=5> *YouTube Video : Chatbot Development Tutorial*

if you cannot enter through the given link in github go to the youtube link and scroll down to the description you will get the github link