Chatbot for TGT Training Support

# 1. Overview

This chatbot will serve as a guide for TGT (Top Gun Teamwork Training), mirroring the instructor’s tone and style (Robert “Cujo” Teschner, VMAX CEO). It will function as an on-demand assistant, available to cover aspects such as (but not limited to):

* Explaining the difference between concepts (e.g., the difference between Commander’s Intent and Mission).
* Generating missions and purposes based on user inputs.
* Providing feedback on specific elements uploaded by users (e.g., Commander’s Intent, EAGLE Planning, VIPER Pre-Mission Briefing, F4 Debrief).
* Generating Commander’s Intent, EAGLE Planning, VIPER Pre-Mission Briefing, and F4 Debrief by analyzing uploaded files.

# 2. Objectives

* **Conversational Chatbot**
* **Q&A Support**: Serve as a conversational assistant, answering questions/requests such as (but not limited to):
  + "What's the difference between A and B?"
  + "Where might A fit in an XYZ scenario?"
  + "Break down a complex mission into actionable tasks"
  + "Evaluate vulnerabilities in my plan"
  + "What contingencies should I prepare for in this situation?"
  + "What does an effective contingency plan look like?"
  + "What key questions should I ask during a debrief?"
  + "How do I handle conflicting opinions during planning?"
  + "Provide examples of a successful purpose statement"
  + "Provide examples of a successful Commander’s Intent"
* **Document Review & Feedback**: Enable users to upload specific course-related documents (e.g., EAGLE Planning, VIPER Pre-Mission Briefing, or F4 Debrief) and receive relevant feedback directly from the chatbot.

# 3. Key Features

* The chatbot must:
* Be developed in **FlexAI**.
* Serve as a **conversational chatbot**.
* **Evaluate, rate,** and **provide feedback** on the quality of Commander’s Intent, EAGLE Planning, VIPER Pre-Mission Briefing, and F4 Debrief.
* Have the ability to walk users through examples and scenarios to clarify concepts.
* Be trained to match the instructor’s communication style (Robert “Cujo” Teschner).

# 4. Development Milestones

Week 1

* The chatbot will be able to:
  + Maintain a conversational style and answer questions.
    - Example: Explain the difference between X and Y.
  + Generate purposes and missions based on user inputs.

Week 2

* The chatbot will be able to:
  + Provide feedback on specific elements uploaded by users (e.g., Commander’s Intent, EAGLE Planning, VIPER Pre-Mission Briefing, F4 Debrief).
  + Generate Commander’s Intent, EAGLE Planning, VIPER Pre-Mission Briefing, and F4 Debrief by analyzing uploaded files.

# **5. Resources**

References for the development of this chatbot are available in the following drive:

[TGT Chatbot](https://drive.google.com/drive/folders/1WgoyJbshqC2MfQ3uQ_8FyUTt794eRJQN)