

I believe by combining systems such as Open Interpreter, GPTPilot 2 (GitHub Link <https://github.com/Pythagora-io/gpt-pilot>), Home Assistant (GitHub Link <https://github.com/home-assistant>) all wrapped together with the best open source LLM's zero dollars can pull off, we can create "The Broke Mothafucka's JARVIS" in the real world.....

due to the nature of our business, everything course has to be encrypted and HIPAA compliant, we will be spanning a minimum of Kali Linux, macOS, iPadOS, iOS, watchOS, tvOS, and Android operating systems, hell, lemme just give you the full run down of what I'm aimin towards here....

There are two projects, offshoots of one original concept.... Replace Siri, turn that bitch into the closest thing I can manage to J.A.R.V.I.S., F.R.I.D.A.Y. or E.D.I.T.H. with my own lil BatComputer thought process, I wanted to also integrate (originally what was going to be ChatDev) a Software Team, to where by the time it was said and done being planned I had "Project - HUGH" which was a life assistant for my family, close associates, colleagues, friends, or agencies who would benefit from my unique gift for foresight and creativity. There were sub-projects such at "Project - THE BUTTON" which was an advanced geolocation emergency distress beacon with real time AI recording and monitoring of the situation upon activation. And then, there was my personal AI....

Lucius... He and I would run "The Workshop" which is the fictional Research and Development wing of GrizzlyMedicine (my organization) where I'd spread the creativity and intelligence between top (free) models like mistral, codewizard, etc, to solve tomorrows problems today... There we would develop "Project - BUGBOX" which is built off a Raspberry Pi running Kali Linux (Though I'd rather do Parrot Sec OS), and that would assist with some of our "Gray areas" operations when I go out into the field.

Project's LUCIUS & HUGH: Enhanced with Mapbox Objective

To develop a multi-platform AI application that combines advanced conversational AI, coding assistance, multimedia processing, and now, sophisticated mapping and location intelligence capabilities.

Core Components

TBD Base Framework LLM: The backbone AI for text generation and conversational interfaces.

TBD TTS LLM: Text-to-speech engine for verbal communication.

TBD Speech to Text LLM: Speech-to-text engine for voice command and interaction.

TBD Vision LLM: For image recognition, supporting visual data processing.

TBD Image and Video Gen LLM: Image generation tool, enabling creative visual outputs.

On going memory system: A vector database for implementing long-term memory, crucial for contextual understanding and learning.

Mapbox SDK may change to Google SDK: Provides mapping and location intelligence, enhancing the application's capabilities in navigation, geospatial data processing, and location-based security features.

Features

Conversational AI: Engaging in natural, context-aware dialogues.

Coding Assistance: Supporting coding tasks with AI-driven insights.

Speech and Image Processing: Converting speech to text and vice versa, and recognizing/generating images.

Mapping and Location Intelligence: Leveraging Mapbox for navigation, location tracking, and geospatial data analysis.

Long-Term Memory: Utilizing Pinecone for retaining and learning from interactions.

Target Platforms

Initially on macOS, with plans to expand to iOS, Linux, and Android.

Ethical and Security Considerations for the complexities of real world emergency situations where the ethical gray area must be leveraged to ensure the safety and well-being of the population at large with full HIPAA compliance due to Medical Considerations.

Adhering to ethical guidelines and ensuring robust data security and user privacy.