

Voice Assistant App with ChatGPT & Dall-E AI Image Generation.

Problem Statement:

Building a Personal Virtual Voice Assistant app using Flutter, integrating ChatGPT for natural language understanding and DALL-E API for dynamic image generation. Empowering users to effortlessly communicate with their virtual assistant through voice commands while enjoying on-the-fly, AI-generated visuals according to their requests

Software Requirements:

- Flutter SDK
- Dart Programming Language
- Integrated Development Environment (IDE)
- Version Control System
- Flutter Packages:
 - speech_to_text
 - dio
 - Flutter_tts

Hardware Requirements:

Computer:

- Processor: Intel i5/i7/i9 or equivalent AMD Processor.
- Memory: 8 GB RAM minimum, 16 GB or more recommended.
- Disk Space: Minimum of 10 GB free disk space, SSD preferred.
- Operating System: Windows (7 SP1 or later), macOS (latest version), or Linux.

Mobile Devices (for testing):

- iOS: iPhone or iPad running the latest iOS version.
- Android: Android phone or tablet with a recent Android version.

Network Connection:

- A stable internet connection for downloading dependencies, accessing APIs, and testing network-related functionalities.