CE-A-P7

Mobile AI Platform

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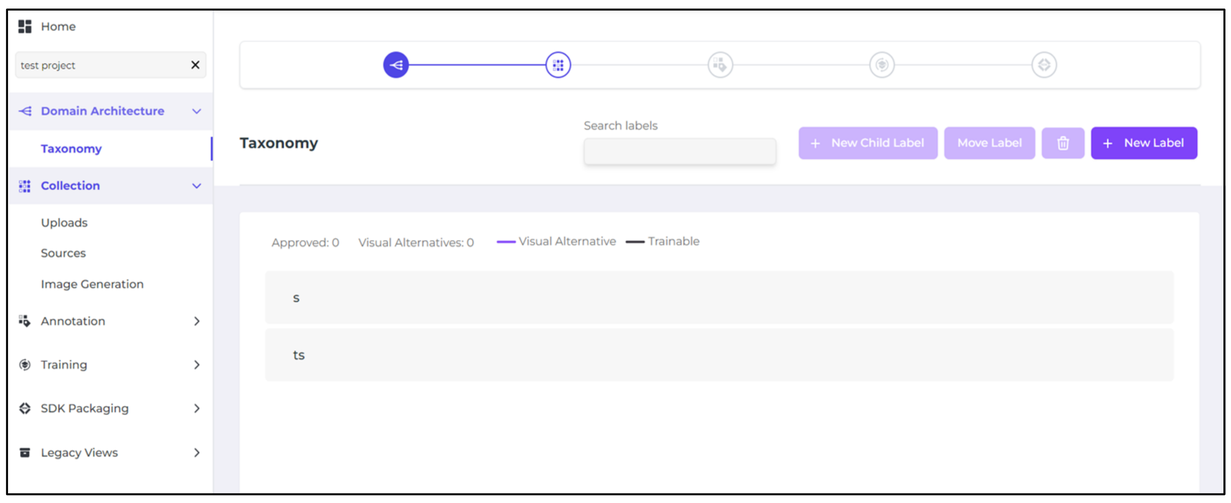
INTRODUCTION

The project proposes the development of a Mobile AI platform to facilitate the rapid development and deployment of AI-powered applications for businesses. The platform will enable users to upload their data, train models, and create software development kits (SDKs) to integrate AI-powered functionalities into their applications. The focus will be on providing a dedicated platform for creating user experiences powered by on-device computer vision and AI. The backend of the platform will be developed using Golang to ensure scalability, security, and efficiency in processing large amounts of data. The success of the project will depend on providing a reliable and robust platform that enables businesses to create AI-powered applications with ease. The project's future scope will include further development and improvement of the backend to ensure scalability and efficiency. Overall, this project aims to contribute to the development of AI-powered mobile applications and improve businesses' ability to leverage the power of AI.

OBJECTIVES

- Develop a Mobile AI platform for businesses to create AI-powered applications.
- Provide a user-friendly interface for uploading data and training models.
- Create SDKs for easy integration of AI-powered functionalities into existing applications.
- Develop a scalable, secure and efficient backend using Golang.
- Create a sustainable business model that supports ongoing growth and innovation in the field of AI-powered applications

Project Home Screen



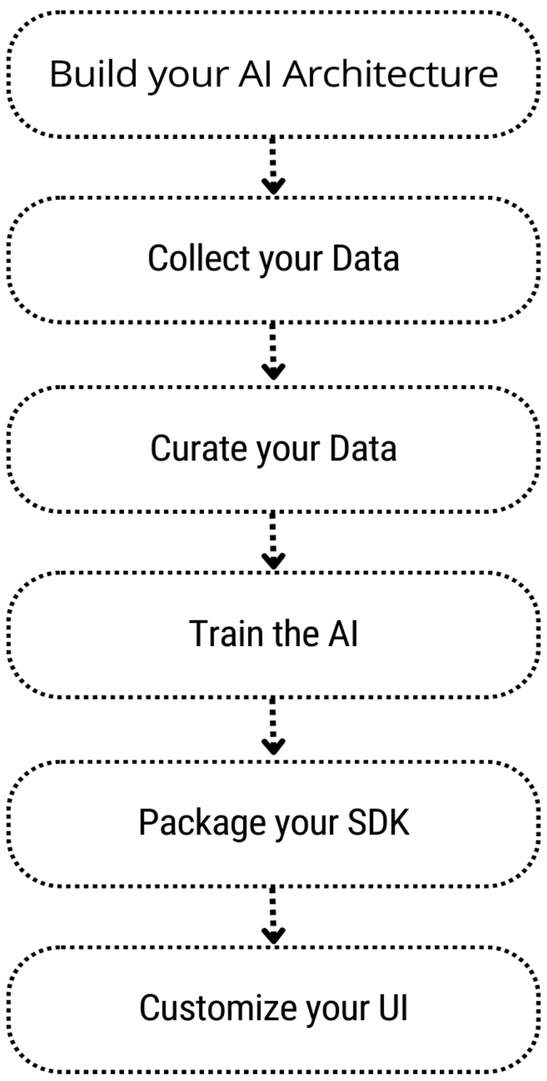
TECH STACK

- Backend: Golang, Python
- Frontend: React
- Cloud Platform: GCP
- Database: PostgreSQL
- Caching Database: Redis
- Containerization: Docker

OUTCOMES /BENIFITS OF THE PROJECT

- Improved efficiency and faster development .
- Increased revenue through AI-powered products/services.
- Enhanced user experience through personalized and engaging functionalities.
- Simplified development for developers.
- Scalability to handle large amounts of data and users.
- Competitive advantage by adopting AI-powered applications.
- Future development and evolution of the platform to adapt to changing needs.

WORK FLOW



CONCLUSION

In conclusion, the proposed Mobile AI platform aims to provide businesses with a user-friendly and efficient solution for integrating AI-powered functionalities into their applications. The platform's ability to facilitate data uploading, model training, and SDK creation for on-device computer vision and AI will make it easier for businesses to leverage the power of AI. The use of Golang for the platform's backend ensures scalability, security, and efficiency in processing large amounts of data. The success of the project will depend on delivering a reliable and robust platform that meets the needs of businesses. The future scope of the project involves further development and improvement of the backend to ensure scalability and efficiency. Overall, the project aims to contribute to the development of AI-powered mobile applications and improve businesses' ability to utilize AI technology.