PiTranslator

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9 December 2021

Executive Summary

Real time language translation is an important area of research. As the world becomes more interconnected, there is a growing interaction between the disparate groups. This project seeks to address these issues by removing the language barrier between these groups. We outline and build a system for near-real-time translation that can run on low power hardware. Utilizing the widespread Raspberry Pi platform and high-availability Google Cloud, users can leverage the latest advances in AI to get quality real time translation. This will remove language barriers that the users may experience without the need to expensive hardware.

Introduction

Background

TODO

Needs Statement

TODO

Goals and Objectives

TODO

Design Constraints and Feasibility

TODO

Literature Review

TODO

Proposed Work

Evaluation of Alternative Solutions

TODO

Design Specification

TODO

Approach for Design Validation

TODO

Engineering Standards

Project Management

TODO

Weekly Schedule of Tasks, Pert and Gantt charts

TODO

Economic Analysis

TODO

Itemized Budget

TODO

References

TODO

Appendices

Product Datasheets

TODO

Bio-Sketch

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TODO

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TODO