

NANYANG TECHNOLOGICAL UNIVERSITY

ENHANCING SPEECH RECOGNITION SCALABILITY AND RESILIENCE THROUGH DECOUPLED ARCHITECTURE AND CHAOS ENGINEERING

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CCDS24-0015

ENHANCING SPEECH RECOGNITION SCALABILITY AND RESILIENCE THROUGH DECOUPLED ARCHITECTURE AND CHAOS ENGINEERING

Submitted in Partial Fulfilment of the Requirements

for the Degree of Bachelor of Computing in Computer Science

of the Nanyang Technological University

by

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College of Computing and Data Science 2024

Abstract

Acknowledgments

The writer uses this section to thank all those he or she is indebted for guidance, financial or any other assistance rendered during the course of the project.

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Introduction

1.1 Background

Motivation

Cast	Actor / Actress
Harvey Specter	Gabriel Macht
Mike Ross	Patrick J Adams
Jessica Pearson	Gina Torres

Table 1.1: Casts

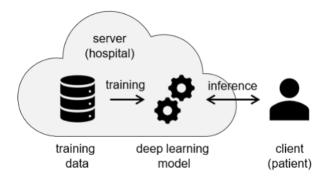


Figure 1.1: Image

1.2 Importance

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1.3 Objectives

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1.4 Project Scope

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1.5 Contributions

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1.6 Report Organisation

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Literature Review

2.1 Background

Motivation

Cast	Actor / Actress
Harvey Specter	Gabriel Macht
Mike Ross	Patrick J Adams
Jessica Pearson	Gina Torres

Table 2.1: Casts

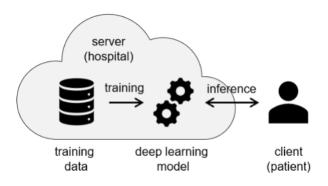


Figure 2.1: Image

Analysis and Design Approach

3.1 Background

Motivation

Cast	Actor / Actress
Harvey Specter	Gabriel Macht
Mike Ross	Patrick J Adams
Jessica Pearson	Gina Torres

Table 3.1: Casts

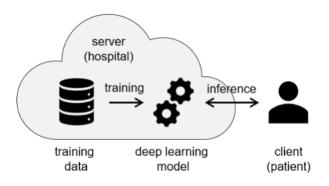


Figure 3.1: Image

Detailed Implementation

4.1 Background

Motivation

Cast	Actor / Actress
Harvey Specter	Gabriel Macht
Mike Ross	Patrick J Adams
Jessica Pearson	Gina Torres

Table 4.1: Casts

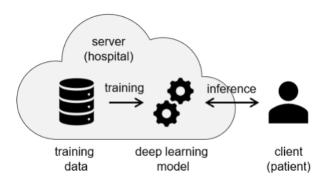


Figure 4.1: Image

Experiments and Results

5.1 Background

Motivation

Cast	Actor / Actress
Harvey Specter	Gabriel Macht
Mike Ross	Patrick J Adams
Jessica Pearson	Gina Torres

Table 5.1: Casts

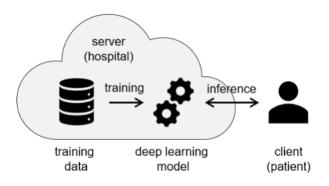


Figure 5.1: Image

Conclusion and Future Work

6.1 Background

Motivation

Cast	Actor / Actress
Harvey Specter	Gabriel Macht
Mike Ross	Patrick J Adams
Jessica Pearson	Gina Torres

Table 6.1: Casts

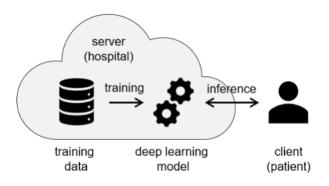


Figure 6.1: Image

Bibliography

[1] M. Ross, "Review of contracts," in Aug. 2021, vol. 2340, pp. 70–90.