

The second MCI group Project client meeting will be held in room5.55, Ingkarni Wardli at 3 pm on Tuesday 13<sup>th</sup> March 2025

## Agenda

**Chair: Zihan Luo**

**Secretary: Ziyang Zhao**

### **1 Apologies**

None.

### **2 Presentation**

Everyone's model feasibility analysis report.

#### **2.1 Functional requirements and Presentations in Last Meeting**

During the meeting, we focused on the specific framework of the project, including background information, functional requirements, database, and server source.

#### **2.2 Problems and solutions**

From the last meeting, it became clear to us what our business needs are. Users will visit our website and enter details such as their nationality, language skills, work experience, and visa preferences. Our system will analyze this data using machine learning models and recommend the most suitable immigration agents based on predefined criteria.

At this stage, our main task is to conduct a feasibility analysis to determine whether different models are suitable for our project.

### **3 Requirements Elicitation**

In this week's meeting, the primary focus was to share the progress of our tasks from the previous week. Last week, our team selected 11 models for classification, with each member responsible for analyzing 2 to 3 models. The tasks involved:

#### **1. Literature Review**

Each team member conducted research on their assigned models by reviewing relevant academic papers and articles.

#### **2. Model Analysis**

We studied the applicability of each model, identifying the scenarios in which they are most suitable. We evaluated the advantages of each model, highlighting their strengths and key benefits. We examined the limitations of each model, identifying potential drawbacks or constraints.

### 3. Foundation for Further Research

The findings from this phase will serve as the groundwork for the next stage of our research and analysis. The insights gained will help us determine the most appropriate models for our project's objectives.

During the meeting, each member shared their findings, and we discussed any challenges or questions encountered during the research. The next steps involve synthesizing our results and beginning a comparative analysis of the models.

### 4 Other Issues

- Should we implement a prototype for each model, or is a theoretical comparison sufficient at this stage?
- What criteria should we use to evaluate and compare the models for our specific use case?
- Based on our initial research, which of our 11 models are applicable to our system? How should we select the final 3 models to apply to our project?
- What is the size of the dataset?

**Note:** Next meeting will be held on 20<sup>th</sup> March 2025