

# 1 Group Members

This document represents an agreement between the following parties:

- Jessica Huynh
- Ryan Nicoll
- Yuzhe Chen

# 2 Goals

Our expectations for the course project are as follows:

1. To use the TOEFL11 corpus for native language identification for non-native speakers of English from among the 11 given native languages in the texts in the corpus (Arabic, Chinese, French, German, Hindi, Italian, Japanese, Korean, Spanish, Telugu, and Turkish)
2. To annotate non-native speakers' language features (syntactic, lexical)
3. To determine which features are representative of particular native languages
4. To develop a specification by determining the most salient language features for these purposes, that are better than using structural features

# 3 Skills

The relevant skills that we believe will aid in our project are as follows:

**Jessica:** L<sup>A</sup>T<sub>E</sub>X, understanding of typological features cross-linguistically, some Arabic, some French, Python, git

**Ryan:** worked with ESL learners for five years, some Spanish, some Japanese, native English, Python, git

**Yuzhe:** native Chinese, some Japanese, Python, git

# 4 Roles

We will all collaborate and consult each other on every task, with primary roles per person on specific tasks as follows:

**Jessica:** annotation schema, final paper compilation

**Ryan:** task description & corpus selection

**Yuzhe:** program for annotation report, machine learning

Both task specifications, adjudication, and writing of the presentation and final paper will be done evenly as a group.

## 5 Agreement

The undersigned hereby agree, to the best of their respective abilities and skills as outlined in Section 3, to contribute to the project according to their roles as designated in Section 4.

**Jessica Huynh**

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**Ryan Nicoll**

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**Yuzhe Chen**

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