

# 1 Group Members

This document represents an agreement between the following parties:

- Orion Montoya
- Noa Naaman
- Hannah Provenza

# 2 Goals

Our expectations for the course project are as follows:

1. Evaluate reliability of existing Twitter POS taggers on current emoji.
2. Collect corpus of emoji-bearing tweets; ideally containing as many emoji characters as possible.
3. Potentially: limit corpus to texts that can be identified as English.
4. Specify useful judgments with some hope of attaining IAA.
5. Annotate non-tagtable/wrongly-tagged emoji characters by semantic or discourse function.
6. Produce summary measures of the diversity of emoji usages: polysemy, typical functions.
7. Predict the function or meaning of a sequence of emoji characters in unseen text.

# 3 Skills

The relevant skills that each member believes will aid in their contributions are as follows:

**Orion:**  $\text{\LaTeX}$ , Git, corpus development and analysis, heavy Twitter user

**Noa:** Annotation spec, semantic and pragmatic theories, heavy Twitter user

**Hannah:** Twitter API knowledge

# 4 Roles

Roles within the group will be designated as follows:

**Orion:** Documentation, code management, data wrangling

**Noa:** Research previous work, write annotation spec, semantic and pragmatic theories

**Hannah:** Corpus development, coding lead

## 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.

*I solemnly swear that I am up to no good.*

**Orion Montoya**

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**Noa Naaman**

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**Hannah Provenza**

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