

CS5001 Team Contract

Group Member Contact Information

Yahya Emara - emarayk@mail.uc.edu - M12871276

Tristan Weger - wegerta@mail.uc.edu - M12882688

Ryan Rubadue - rubadurs@mail.uc.edu - M12746862

Expected Team Coordination

- We will meet as a team weekly on Thursdays to discuss project updates or questions. Additional meetings will be added if needed.
- Team meetings with our advisor will occur 1-2 times per month depending on the amount of updates the team has accomplished.

Project Focus and Individual Member Roles

- The general goal of this project is to summarize text documents into respective novel semantic spaces.
- The project will be split into three main sections:
 - **Embedding:** Takes the input text documents and creates high dimensional semantic vectors for each respective word token.
 - **Clustering:** Grouping the vectors based on their similarities and differences.
 - **Dimension Reducing:** Reduces the high dimensional vector spaces to lower more manageable spaces and then eventually a 2-dimensional space for easy visual comparison.
- All team members will collaborate in each of these sections, but each member will be ultimately responsible for ensuring a section is properly completed.
 - Yahya Emara: Embedding
 - Tristan Weger: Clustering
 - Ryan Rubadue: Dimensional Reducing

Member:	E-Signature:	Date:
Member 1	Ryan Rubadue	9/9/2022
Member 2	Tristan Weger	9/9/2022
Member 3	Yahya Emara	9/9/2022
Professor Minai		