CS410 Course Project Proposal

October 25th 2020

**Team Information**

**Team Name:**

Team Commonwealth

**Team Members:**

1. Zuliang Weng / zwe
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**Project Topic**

Competition - Text Classification

**Learning and Investigation Plan**

We are planning to learn the following state-of-the-art neural network classifier:

* BERT

We do not have relevant prior project experience with this classifier.

We are planning to learn the following deep learning frameworks:

* TensorFlow
* PyTorch

We have basic knowledge with PyTorch, and we have used it in our self-study exercises. We will try PyTorch in our project first, if there is any issue that can only be resolved in TensorFlow, we will switch to TensorFlow.

**Programming Language**

We plan to use **Python** for this project.