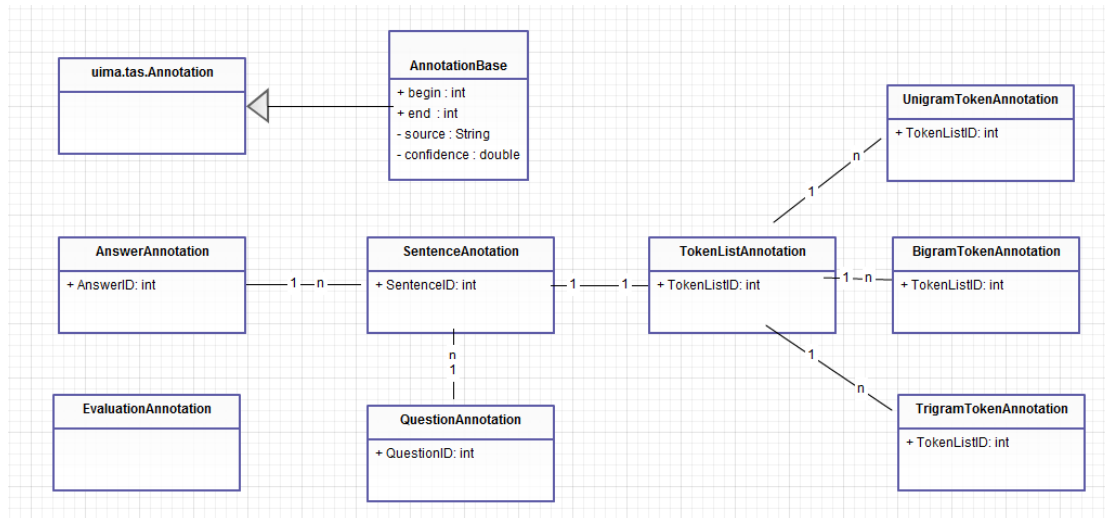# Hw1-jiacongh-Report

My designment of this project is shown in the class diagram as follow.

In this picture, AnnotationBase is super class of all other classes. Because it is difficult to add arrow for all classes without messing the class diagram, I didn't add it in this picture.

AnnotationBase class extends the uima.tas.Annotation class, it has four attributes, the begin position, end position, source and the confidence. And this is extened by all other classes.

One answer may have more than one sentence and one sentence will be extracted to one tokenlist. One tokenlist may contain more than one unigram token, bigram token and trigram token. The question is also shown in the same way.

Moreover, the answer, sentence, tokenlist and question should have their own ID to identify them. The tokens may not need an ID cause they are at the lowest level of the pipeline.