

SFTW_MTHD: HW1

Data structure design:

DocumentIn contains Question and AnswerList, which includes a list of Answers. It covers all the information in the input file.

BasicAnnotator extends the `uima.tcas.Annotation` with confidence and `casProcessorId`. It's used as a basic annotator for token and NGram.

Token inherits from BasicAnnotator.

NGram extends the BasicAnnotator with the feature elements, which contains the tokens consist it.

Question extends the `uima.tcas.Annotation` with `TokenList` and `NGramList`, which stores the tokens and NGrams that consist the sentence.

Answer extend Question with two features: `AnswerScore` and `isCorrect`.

Here's a graph showing the relationship.

