# 11791 design report

**mengday**

Type and features:

1. GeneralElement, a class designed to be a super class of every other types. Has some basic features for every other type. Used for good flexibility.
   - confidence: Double. The confidence of an annotator when it annotates something.
   - casProcessorID: String. Indicates in which annotator this cas is annotated.
2. Answer, an annotation of an answer sentence.
   - isCorrect: Boolean. Whether this answer sentence is a correct answer. Judgment is read from the input file
3. Question, an annotation of a question sentence.
4. Token, an annotation of a token. The definition of a token is the same as that in the Stanford NLP library.
5. NGram, an annotation of a N-Gram. N can be of any length of words.
   - elements: A FSArray of Token's. Indicates the tokens in this N-Gram. Ordered.
6. AnswerScore, an annotation of an answer sentence, with its score given by the QA system.
   - answer: Answer. The answer sentence.
   - score: Double. The score of this Answer evaluated by the whole system.

The pipeline blueprint is the same as that in the hw1 assignment pdf.