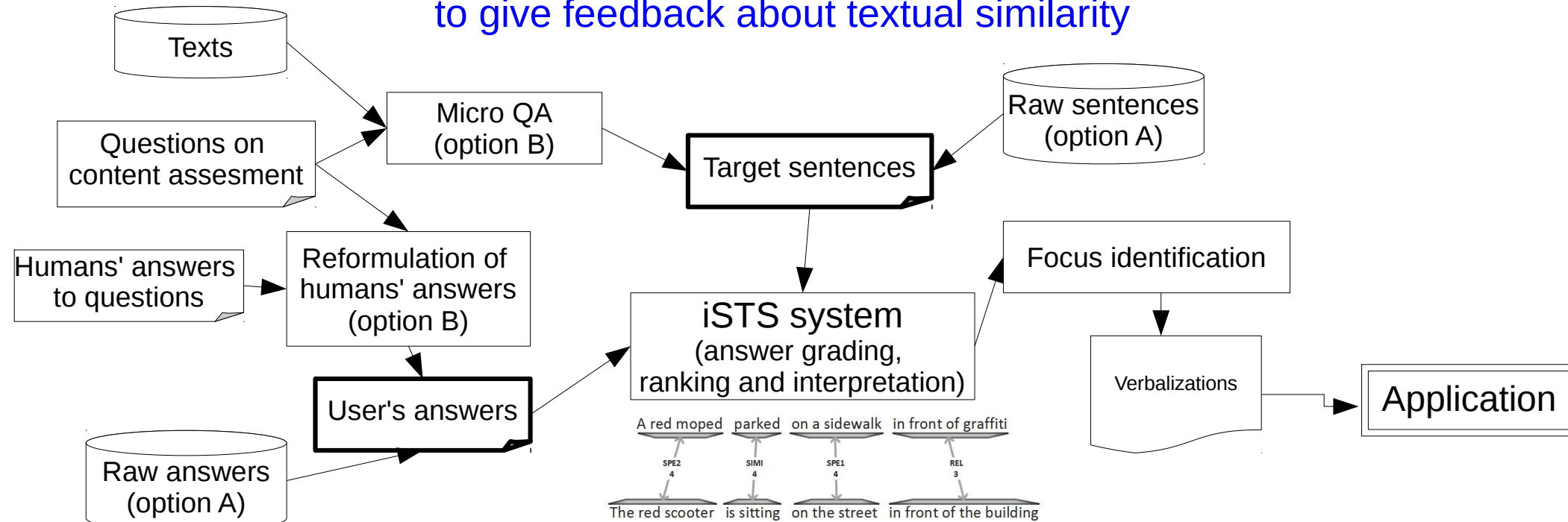


# Design and Implementation of a Short Answer Scoring System to give feedback about textual similarity



**Main objective:** Interpretation of textual similarities between sentences and identification of key-snippets (focus)

**Starting point:** Interpretable Semantic Textual Similarity Semeval task.

**Main tasks:**

- Building an iSTS system that generates verbalizations of similarities between texts
  - Users' answers*
    - Option A: Raw answers
    - Option B: Generated answers (Reformulation of humans' answers)
  - Target sentences*
    - Option A: Raw sentences
    - Option B: Micro Question Answering (Identification of answers on specific texts)
- Research on advanced NLP and ML methods.
- Evaluation techniques.
- Applications on Digital humanities and Educational Technology (e.g. content assessment of reading comprehension, ...)