# Natural Language Processing in Comprehesion SEEDING Project Comprehension Through Self-Explanation, Enhanced Discussion and INquiry Generation





## **Clustering Student Responses**

Assign Closest Centroid(j) for K E Centroid Adjust Centroid





## **Vocabulary for Students**

Extract all the content words from all RA<sub>1</sub>...RA<sub>n</sub> List W = { $RA_1, RA_2, ..., RA_n$ }

for i € listW Synonmn(i) Antonym(i)

As students are responding to a specific question, append to List W the most frequently used words

List W has a max of 5 x Number of Content Words in the current reference answer.

### **SEEDING Development Team**



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