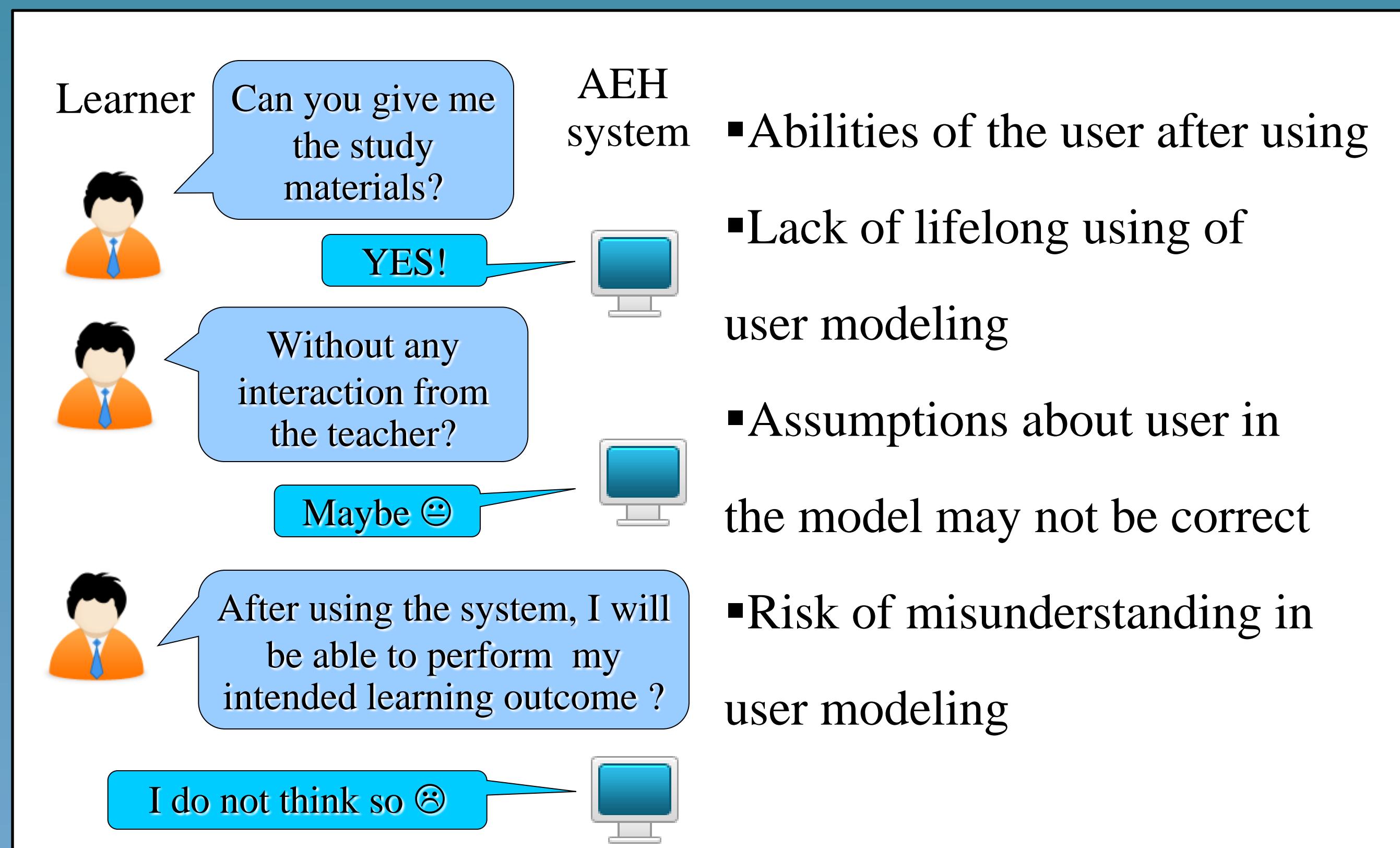
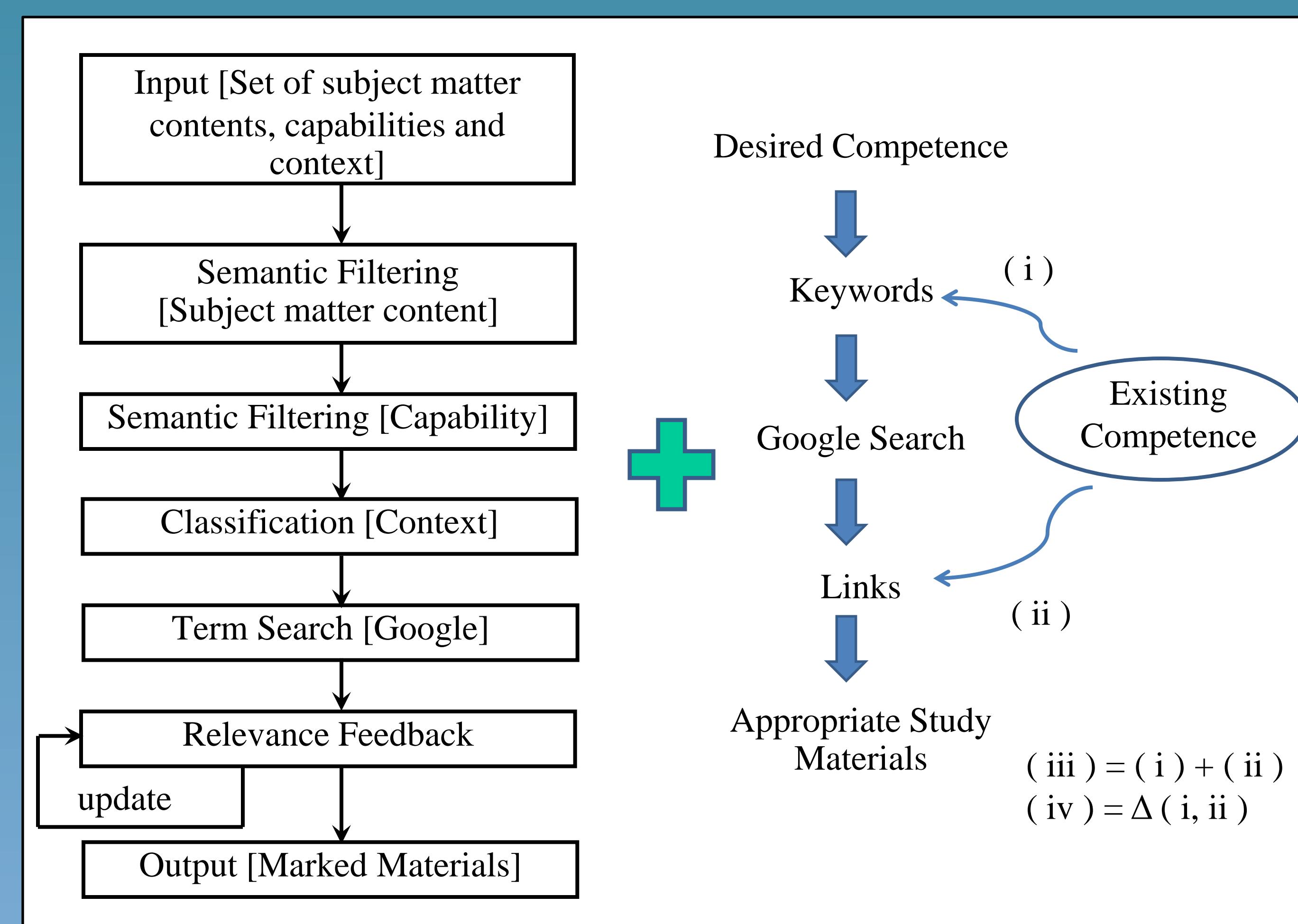


Semantic Competency-Based System for Recommending Study Materials

1 Problems behind AEH systems

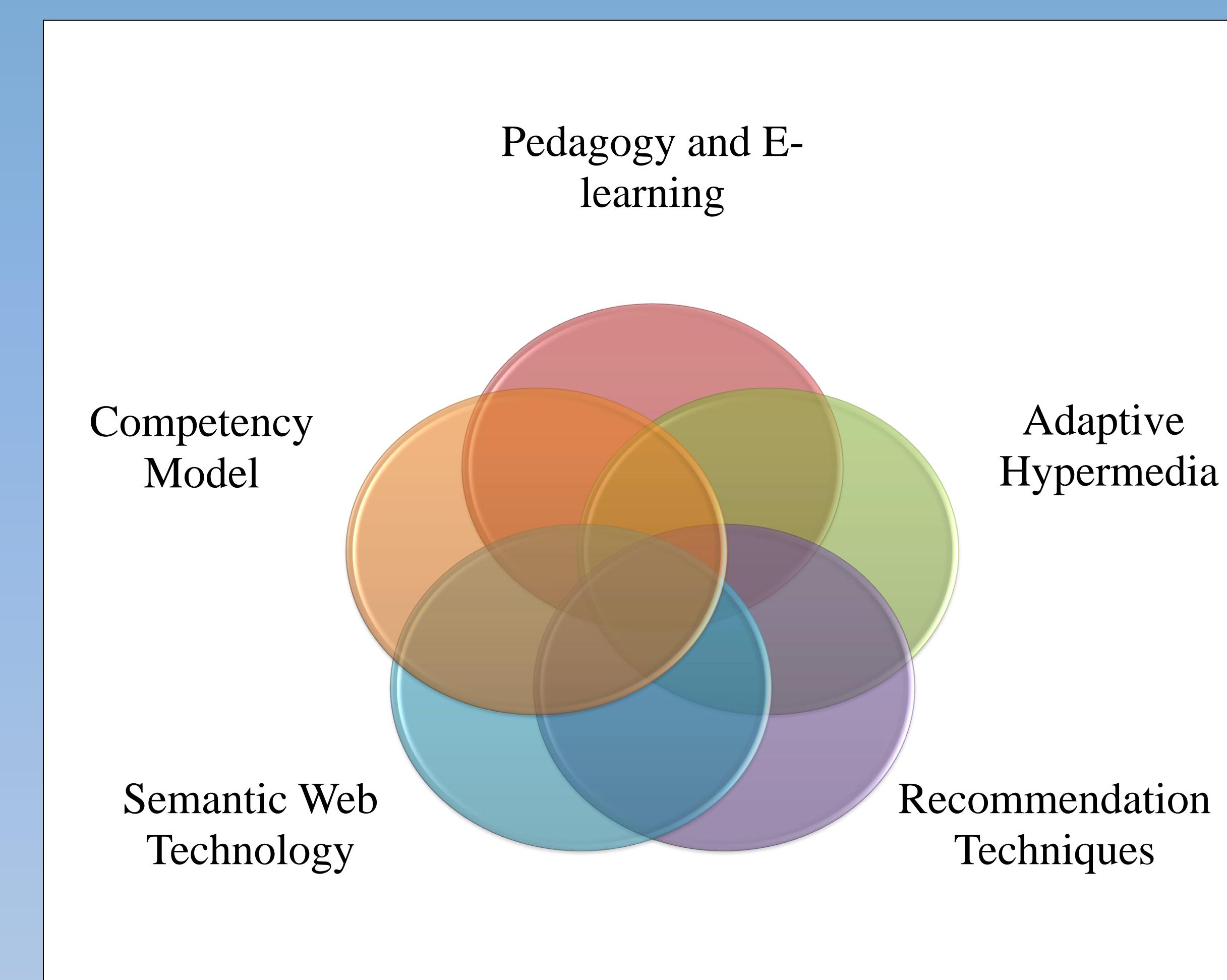


3 System Algorithm

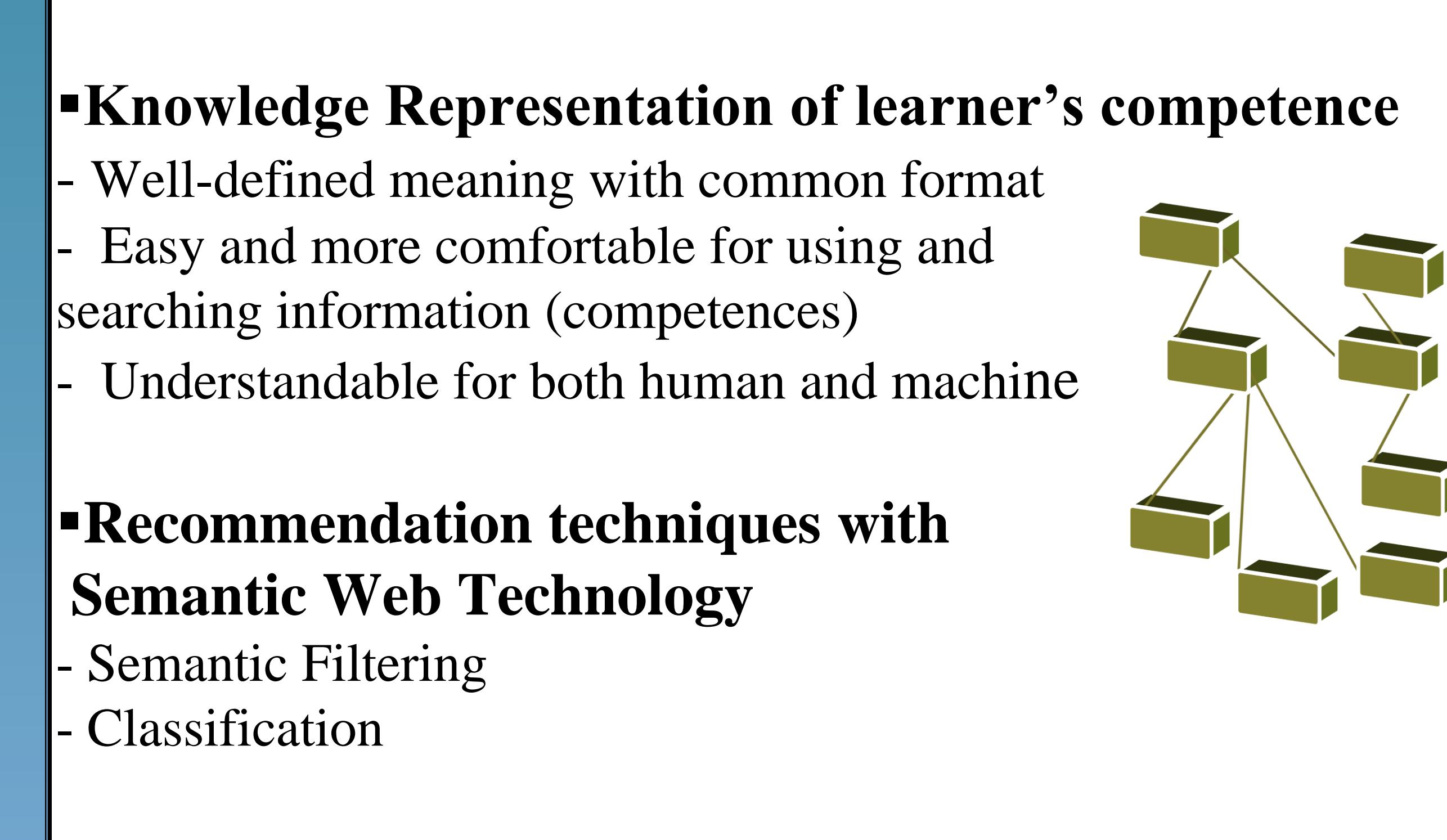


2. Aim and Motivation

To design a system so that a learner can find appropriate study materials on the web based on his/her competencies without any interaction from the teacher.



4. How does Semantic Web Technology help the algorithm?



5. Future Work

- Developing Algorithm**
The exploration of effective techniques for suggesting keywords
- Designing Prototype**
The design is based on system algorithm in order to suggest the Google input keywords for the learner based on his/her competence
- Compatible IMS LD**
The learning design with embedded competency model and adaptive component