

Design of a Learning Organizer with Embedded Metacognitive Support

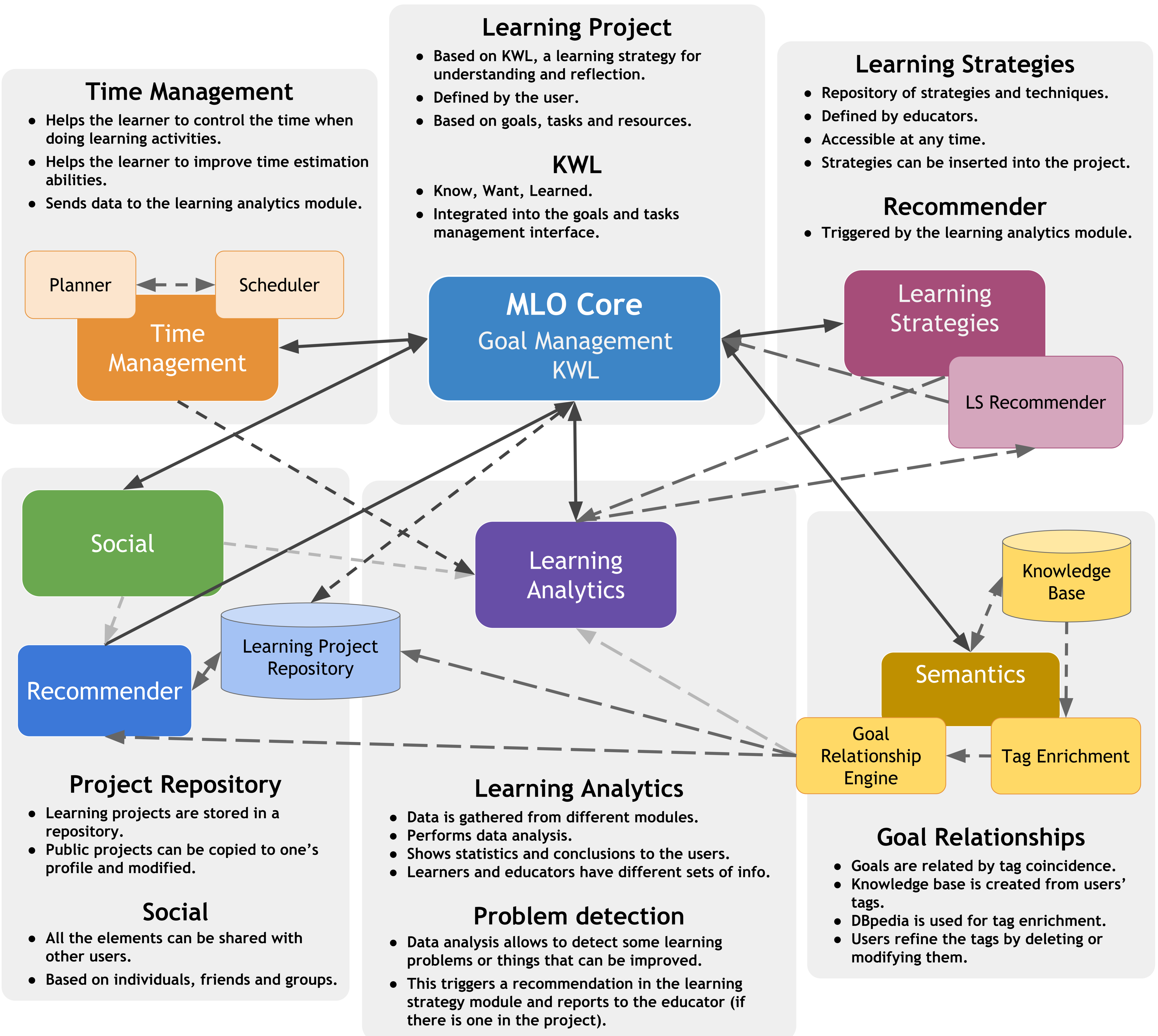
Motivation

Personal Learning Environments (PLEs) are set of tools built by the learners to fit their preferences. Self-Regulated Learning (SRL) as it is an active research field in education due to its benefits to the students that is in line with the PLE concept. In SRL, students take control of their own learning, guided by an educator when in formal learning, or by themselves when in non-formal and informal learning. Students need tools that support this kind of self-regulated learning.

With this in mind, we are developing a learning organizer with embedded metacognitive support, to help them develop their metacognitive skills (planning, self-monitoring and self-evaluating) and self-regulated learning competencies.

Tech focus

- Method to detect learning needs based on Learning Analytics focused on the student and learning strategies data analysis.
- Method to deliver learning strategies and techniques to the learners (KWL and other strategies).
- Functionalities of the set of tools to cover the most important needs of a self-regulated learner.



Collaboration

We are looking for educators or pedagogists to develop some ideas and validate the concept.

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