

Background

Distance education has exponentially grown in past decade, teaching and learning should be supported differently



Aims

- To enhance quality in distance education
- To allow individualisation of learning
- To monitor, track, give formative assessment and feedback loop to students
- To support online teachers, trainers and tutors

Approaches

- Integration of pedagogical and computer science methods from at the design phase to get users involved from the beginning
- Artificial intelligence to boost the capability of the learning system to support learning and teaching

Results

- Literature review and case studies repertoire
- Monitoring agent
- Profiling agent
- Alerting agent
- Learning Design Agent
- Visualisation agent
- Chatbot



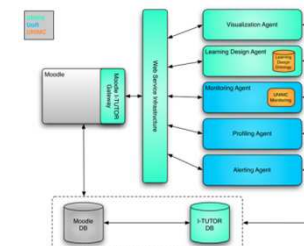
Methods

Literature review and case studies development, understanding what has been done so far



Rapid prototyping, users are active part of the development process

Architecture design, gateway interface development, software agents development, chatbot development



Integration with Moodle, the agents will be available for the Moodle community

