Abstract

This work proposes a computer assisted assessment approach of algorithmic competencies. Aside from the fact that this approach brings a solution for delicate problem of e-assessment of algorithmic, in addition it is formative. Drawing one’s inspiration from the basic principles of the algorithmic field itself, it recovers an interesting efficiency. It reclines on use of scalable
solutions basis. Any learner’s production, for a given problem, is automatically assessed if it is recognized, or assessed by a human expert if necessary. In the last case, it will enrich the basis if it is judged pedagogically interesting. The purpose of this approach is to provide a formative and diagnostic assessment in order to empower the learner to acquire problem-solving skills of algorithmic.

Reference

- Bey A., Bensebaa T., Bensalem H. 2010. Assessment of algorithmic skills in learning

**Index Terms**

Computer Science

Software Engineering

**Key words**

Algorithmic problem-solving skills e-assessment competencies