A Proposed Architecture for Automated Assessment of Use Case Diagrams

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Abstract

Establishment of institutions of higher learning requires massive amount of different resources which are always in short supply. The delivery of learning material and tests to the students has become very easy with the facility of uploading the same on the web irrespective of the number of students. The assessment part could be a deterrent as far as willingness of learned faculty members to participate in the whole process is concerned. If assessment will become automated then it will be easier for any teachers to evaluate any number of students. This paper presents a proposed architecture of automated assessment of Use – Case Diagram. The essence of this architecture is to assess large number of students very easily in short duration. This proposed work is going to be very useful for the needy students by assisting in evaluation of their performance.

References

- Yi – fang Brook Wu, Xin Chen (2004) Assessing Distance Learning Student’s


- Neil Smith, Pete Thomas and Kevin Waugh. Interpreting Imprecise Diagrams, Computing Department, Open University, UK.
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- Shadi Moradi Seresht, Olga Ormandjieva. Automated Assistance for Use Cases Elicitation from User Requirements Text. In the Proceedings of 11th Workshop on Requirements Engineering
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- Alistair Cockburn (2001), Writing Effective Use Cases, Addison-Wesley

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