Abstract

Risk management is an important area in the field of Software Engineering. In software development industry there are many types of risks which can leads to project failure. From these risks functionality risk is one that needs to be focus for software development industry. Due to this risk many problems can arise. If effects of this risk are not estimated it would pose problems for the success of the project. By estimating the effects of developing wrong software functions developer will come to know about the problems they have to face with the occurrence of this risk and considering these effects developer can take appropriate decisions to manage this risk. So, we have designed a FCM based tool to estimate the effects of developing wrong software functions. The developed tool will be helpful for developers to estimate the effects of developing wrong software functions on the success of project and would be helpful for providing awareness of consequences of this risk.

References

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**Index Terms**

Computer Science  
Fuzzy Systems

**Keywords**

- Risk management
- Fuzzy Cognitive map
- Fuzzy Inference System