

CHAPTER 8

CONCLUSION AND FUTURE SCOPE

The conclusion of the work can be summarized in following points:

- Complexity of the software varies from person to person.
- In an observation, it has been analyzed that when the software complexity increases, the usability aspect of the software drops significantly.
- It is concluded that systems having lower complexity level as well as at the same time with high aspects of usability are preferred by maximum users, which results into the higher deliverability factor the software application.
- The novelty of the current work is use of soft computing techniques in analyzing the trade-off among the software's complexity and software's deliverability.
- The second phase of the work done was development of a framework using Fuzzy Rule based System (FRBS) for quantification of software complexity and usability aspects.
- In the final phase, the development of Fuzzy Inference System (FIS) using Expert Knowledge Base was done.

In future, the work can be extended by applying this framework for further elaborating the software complexity and deliverability aspects and by using more concepts of soft computing. The work can be further extended by enhancing the framework by identifying more usability aspects of the software and the application of the framework can be possible in various types of software to analyze the complexity aspect of the software to determine its future market potential.