

## Requirement :-

1. Users should be able to register, log in, and log out of the system.
2. Users can post questions, answer questions, and comment on questions and answers.
3. Questions should have tags associated with them for categorization and easy searching.
4. Users can vote on questions and answers to indicate their relevance and quality.
5. The system should have a reputation system based on user activity and the quality of their contributions.
6. Users can search for questions based on keywords, tags, or user profiles.
7. The system should handle concurrent access and ensure data consistency.

## Entities:-

User<abstract> class - id, name, email, reputationCount  
 Questions - id, desc, title, List<Tags>, List<Answers>, List<Comments>, int voteCount, int veiwCOWnt, User  
 Answers - id, desc, title, List<Comments>, int voteCount, User  
 Comment - id, desc, Auther, int voteCount,

NormalUser, Admin  
 UserManager - List<User>, can access()

Tags - id, desc,  
 QuestionManager - Map<questionId, Question> Map<userId, List<Question>>, crud,

AnswerManager - List<questionId, List<AnswerId>>, CRUD

Application - AnswerManager, QuestionManager, UserManager