**Assignment 5**

* **Title :** Evaluating Interface.
* **Problem Statement :** Evaluate on interface using usability evaluation techniques
* **Objectives :** 
  + To understand the need of evaluation on interface.
  + To choose an evaluation method suitable for the system.
  + To carry out evaluation and record responses.
  + To understand importance of ethics of evaluation.
* **Outcomes :** 
  + We will be able to understand the need to evaluate an interface.\
  + We will understand importance of “ethics of evaluation”
  + We will choose an evaluation method suitable for the selected system
  + We will carry out evaluation and record the responses.
* **Theory :** 
  + Ethical Issues of evaluation
    - People’s privacy should be protected, which means their names should not be associated with data collected about them or disclosed in written report.
  + Usability Evaluation Methods
    - Testing
    - Inspection
    - Inquiry
    - Testing
      * In this approach representative users work on typed tasks using the system and the evaluators use the results to see how the user interface support the users to do their tasks.
      * Methods included in testing
        + Coaching method
        + Performance measurement
        + Question-asking protocol
        + Remote testing
        + Think-aloud protocol
    - Inspection
      * Usability specialists and sometimes software developers users and other professionals examine usability related aspects of a user interface.
      * Methods of inspection
        + Cognitive walkthrough
        + Heuristic evaluation
        + Perspective based inspection
    - Enquiry
      * Here the usability evaluators obtain information about users likes, dislikes, needs, and understanding of the system.
      * Methods
        + Field observation
        + Interviews
        + Questionnaires
        + Logging Actual use
  + Usability evaluation for Quotery
    - Methods used Inquiry, Interviews
    - In this technique, human factor engineers formulate questions about the product based on the kind of issue of interest and gather information by asking these questions.
    - In evaluating interview, the interviewer reads the questions to the users, then the user replies to it verbally, the interviewer records these responses.
  + Interview Questions for Quotery
    - How is the graphic design of the application?
    - Are all the functionalities working as expected?
    - How is the version control experience?
    - How is the source code management experience?
* **Conclusion :** Interface developed for Quotery has been evaluated using Usability Evaluating Techniques.