

## **Non-Functional System Requirements**

Non-functional system requirements describe how the system works. The definition for a non-functional system requirement is that it essentially specifies how the system should behave and that it is a constraint upon the systems behavior. One could also think of non-functional system requirements as quality attributes for of a system.They specify criteria that judge the operation of a system.

### **Non-functional system requirements for this project are:**

- Program should make all available stored data possible to be shown immediately when user wants, meaning that response time should be fast.
- Database should be updated according to the user's desire without causing any error to the program or database, meaning that the program should be reliable
- Load time must be no more than 2 seconds for users
- The database update process must roll back all related updates when any update fails, meaning that should be recoverable
- Database should accept all possible user entries, meaning that should be flexible
- Program should show all available wanted query results for users to see anytime
- Program should adjust itself for users to enter any wanted entry easily meaning it should be scalable
- Program interface should be clear and understandable when a user wants to enter even many fields, meaning that should be usable

**Tugay Direk**

**Student No: 20140602010**