

The non functional requirements of this venture are :

1. Adaptability
  - a. The software is web based and should be compatible with all popular modern browsers in any operating system.
2. Dependency on other parties
  - a. The software should behave well with other parties that it depends upon
  - b. The other parties may include, but may not be limited to software frameworks it uses, external databases and physical hardware.
3. Efficiency
  - a. The software should be optimized to consume reasonable load.
4. Integrability
  - a. The software should be able to integrate the necessary components seamlessly.
5. Operability
  - a. The system should be operable under normal circumstances without disruption
6. Platform compatibility
  - a. The system should be compatible in all platforms that the client asks of.
7. Privacy
  - a. The systems should not violate any privacy laws in the region that it is being operated in.
8. Portability
  - a. The same software should behave consistently across multiple environments.
9. Readability
  - a. The source code and documentation of the software should be easily readable by other developers for future maintenance.
10. Reusability
  - a. The technical components that are used should be highly reusable as possible so that
    - i. Resource consumption is less
    - ii. Easier to maintain in the future
11. Robustness
  - a. The system should be able to generate errors and should work accordingly in the case of various errors and erroneous inputs
12. Security (cyber and physical)
  - a. It should be secure so that hackers or any parties with malicious intent cannot retrieve or alter any confidential data
13. Scalability
  - a. The system should be able to handle growing number of users as well as growing data to the users
14. Usability (Human Factors)
  - a. The software and the underlying technology should be as intuitive and easy to use as possible from the perspective of a user