

### **Technical Feasibility.**

Assessing technical feasibility is to evaluate whether the new system will perform adequately and whether the organisation has an ability to conduct a proposed system or not.

### **Technical Feasibility.**

We planned our Feasibility looking at the following concepts which clearly breakdown our future planning and recommendations.

- **Clients' needs.**
- **Software/hardware.**
- **Future Growth. (Upgrade)**
- **Platform vs. Technology.**
- **Long Term serving of systems.**

When developing new systems we have to investigate and compare technology providers. By determining reliability and competitiveness of that system.

### **Constraints and limitations of technology.**

Risks of proposed system that is depend on the size of the system, Complexity of the Organisation and Groups experience with the similar system.

### **Risks Analysis**

- **Technical or IT risks:**
  - Hardware failure,
  - Unskilled IT personnel,
  - Computers directly connected to the internet without any antivirus software,
  - Software's having no valid licensing agreements with the software providers.
- **Project management risks:**
  - Project managers being sick,
  - Project managers being unreliability,
  - Lack of time management,
  - Management not being able to meet deadlines.
- **Organizational risks:**
  - Unclear task allocations among employees,
  - Employee conflicts,
  - Company conflicts,
  - Company politics.
- **Financial risks:**
  - Investing the company's cash reserves in a highly speculative investment scheme,
  - Budget shortage,
  - Sponsors pulling back their financial input in the middle of the project,

- Lack of financial management.
- **External risks:**
  - Floods,
  - Earthquakes,
  - Unavailable power supply,
  - Theft.
- **Compliance risks:**
  - Company not complying with mandated federal regulations,
  - Company not following computer network hardware standards,
  - Company duplicating software material without licensing,
  - Company not following regulation policies,
- **Software**
  - Orders will be placed with Microsoft, Oracle, Adobe, MacAfee for best reliable, and secure software programs

Orders are expected to be delivered within a period of not more than two weeks