**FEASIBILITY STUDY**

Feasibility is defined as the practical extent to which a project can be performed successfully. To evaluate feasibility, a feasibility study performed, which determines whether the solution. considered to accomplish the requirements is practical and workable in the software. Information such as resource availability, cost estimation for software development, benefits of the software to the organization after it is developed and cost to be incurred on its maintenance are considered during the feasibility study. The objective of the feasibility study is to establish the reasons for developing the software that is acceptable to users, adaptable to change and conformable to established standards Various other objectives of feasibility study are listed below

* To analyze whether the software will meet organizational requirements
* To determine whether the software can be implemented using the current technology and within the specified budget and schedule
* To determine whether the software can be integrated with other existing software

Consequently, costs and benefits are described with greater accuracy at this stage. It consists of the following :

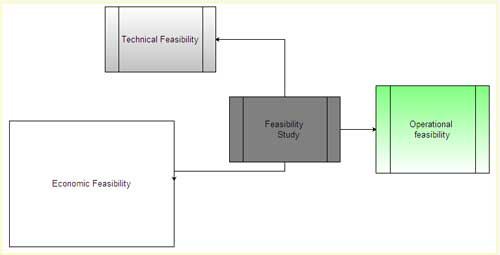
* Statement of the problem: A carefully worded statement of the problem that led to analysis
* Summary of findings and recommendations : A list of the major findings and recommendations of the study. It is ideal for the user who requires quick access

to the results of the analysis of the system under study. Conclusion are stated, followed by a list of the recommendation and a justification for them.

* Details of findings: An outline of the methods and procedures under-taken by the existing system, followed by coverage of the objectives and procedures of the candidate system Included are also discussions of output reports, file structures, and costs and benefits of the candidate system
* Recommendations and conclusions: Specific recommendations regarding the candidate system, including personnel assignments, costs, project schedules, and target dates.

**Types of Feasibility**

Various types of feasibility that are commonly considered include technical feasibility, operational feasibility and economic feasibility.



**Technical Feasibility**

Technical feasibility assesses the current resources (such as hardware and software) and technology, which are required to accomplish user requirements in the software within the allocated time and budget. For this, the software development team ascertains whether the current resources and technology can be upgraded or added in the software to accomplish specified user requirements. Technical feasibility also performs the following tasks.

* Analyses the technical skills and capabilities of the software development team members
* Determines whether the relevant technology is stable and established
* Ascertains that the technology chosen foe software development has a large number of users so that they can be consulted when problems arise or improvements are required

**Operational Feasibility**

Operational feasibility assesses the extent to which the required software performs a series of steps to solve business problems and user requirements. This feasibility is dependent on human resources (software development team) and involves visualizing whether the software will operate after it is developed and be operative once it is installed. Operational feasibility also performs the following tasks.

* Determines whether the problems anticipated in user requirements are of high priority
* Determines whether the solution suggested by the software development team is acceptable
* Analyze whether users will adapt to a new software
* Determines whether the organization is satisfied by the alternative solutions proposed by the software development team

**Economic Feasibility**

Economic feasibility determines whether the required software can generate financial gains for an organization. It involves the cost incurred on the software development team, estimated cost of hardware and software, cost of performing feasibility study, and so on. For this, it is essential to consider expenses made on purchases (such as hardware purchase) and activities required to carry out software development. In addition, it is necessary to consider the benefits that can be achieved by developing the software is said to be economically feasible if it focuses on the issues listed below.

* Cost incurred on software development to produce long-term gains for an organization
* Cost required to conduct full software investigation (such as requirements elicitation an

requirements analysis)

* Cost of hardware, software, development team, and training

**EXISTING SYSTEM AND PROPOSED WORK**

After analyzing the necessities of the task to be performed, the next step is to analyze the problem and understand its context. The first activity in the phase is studying the existing system and other is to understand the necessities and domain of the new system. Both the behaviors are equally significant, but the first movement serves as a basis of giving the purposeful specifications and then winning design of the proposed system. Understanding the properties and necessities of a new system is more difficult and requires creative thinking and understanding of existing running system is also difficult, improper understanding of present system can lead diversion from solution

**Problems in Existing System**

Our team has made a review at different levels to get the need and requirement of people from different websites, magazines, newspapers, social media and previous works done on this topic. Our team made aim to conduct this review is to understand the need of the project very clearly, to do so we have made a review through several research papers and sites to search the necessary information. From the review we got new ideas and views which helped us to make our plan and strategy for the project. We also surveyed and analyzed the available software of such kind in market and felt that there is good scope of improvisation in this field. Outcome of the reviewed feature that can be added to software. There were too many loop-holes found that are neglected. We have pointed out those loop-holes only and considering all of them we have decided to add all those missing features to our project.

Drawback in existing system vs proposed work

* Not at all realistic
* Risk factors like safety and security etc.
* Not User-friendly GUI
* Cost effectiveness
* Unsatisfactory time constraints
* Not in reach of distant users
* Accuracy not guaranteed
* Less Reliable
* Risk of damaging the goods
* No proper coalition between different software features and users

Requirement analysis for web applications encompasses three major tasks formulation, requirements gathering and analysis modeling. During formulation, the basic motivation and goals for the web application are identified, and the categories of users are defined. In the requirements gathering phase, the content and functional requirements are listed and interaction scenarios written from end-user's point-of-view are developed. This intent is to establish a basic understanding of why the web application is built, who will use it, and what problems it will solve for its users.

**PROPOSED SYSTEM**

After analysing the necessities of the task to be performed, the next step is to analyse the problem and understand its context. The first activity in the phase is studying the existing system and other is to understand the necessities and domain of the new system. Both the behaviours are equally significant, but the first movement serves as a basis of giving the purposeful specifications and then winning design of the proposed system. Understanding the properties and necessities of a new system is more difficult and requires creative thinking and understanding of existing running system is also difficult, improper understanding of present system can lead diversion from solution.

What we will Provide:

1. Customer friendly Platform
2. Fair and Reasonable prices for services
3. More reliable system
4. More Availability/Less Downtime
5. Resilient system

In the existing system shifting goods and households is that either to take all the goods or to leave some of it or to sold them out. While relocating most of the goods get damaged and it takes lot of risk. It is seen that there are many agencies are working for this and all of these agencies has their own websites to give their service information and a user has to visit to individual sites, to overcome this problem we have designed a web portal so that all the companies register over it and user get the information on one single site only.

The development of the new system contains the following activities, which try to automate the entire process keeping in view of the database integration approach. User friendliness is provided in the application with various controls. The system makes the overall project management much easier and flexible. There is no risk of getting goods damaged at any level. It provides high level of reliable services with different level of authentication. Users from any part of the world can make use of the system. New system will be much better in performance as compared to existing one.

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We will build a simplified platform (namely Swift-Shift) which will provide packing and shifting as a service. You need not to take headache of shifting your belonging to new city, just visit platform Swift-Shift, register there and list all the items you want to relocate and good to go. After that we will handle everything from packing to shifting. Relocating your house, offices, industries and corporate can be very simple and hassle free. To provide complete packing service, including professional packers, professional moving supplies, and full-service relocation service. Their well-trained movers will securely pack your home belongings properly

