Requirement analysis

FEASIBILITY STUDY

Planning, organizing, and managing resources to ensure the achievement of particular project goals and objectives is the process of project management. A feasibility study is a preliminary examination of a prospective project or end to determine its merits and viability. A feasibility study aims to provide an objective assessment of the technical, economic, financial, legal, and environmental elements of a proposed project. The information can then be used by decision- makers to decide whether to proceed with the project or not. The findings of the feasibility study can also be used to develop a practical project plan and budget. It cannot be simple to determine whether or not a proposed project is worthwhile pursuing without a feasibility study. The document provides the feasibility of the project that is being designed and lists. Various areas that were considered very carefully during the feasibility study of this project such as Technical, Economic and Operational feasibility.

The following are its features: -

Economical Feasibility

Cost and benefit analyses are required to support the developing system. criteria to make sure that focus is on the project that will yield the best results and return the earliest. The price that would be involved in developing a new system is one of the variables .Some significant financial queries raised during the initial investigation include the following:

• The costs conduct a full system investigation.?

->The proposed system is developed as part of project work, there is no manual cost to spend for the proposed system.

• The cost of the hardware and software.?

-> Also all the resources are already available

Technical Feasibility

The purpose of this study is to assess the system's technical feasibility or requirements. Any system developed must not significantly tax the existing technical resources. The client will consequently be subject to high expectations. The developed system must be easy to apply, needing either no changes at all or only a small number.

Behavioural Feasibility

The study's objective is to ascertain the degree of system acceptance by the user. This covers the guidance required for the user to utilize the system correctly. The user should not feel intimidated by the system; rather, they should see it as a need. The methods used to enlighten and familiarize the user with the system are the sole elements that influence how accepting they are of it. His confidence must be boosted because he is the system's primary user and constructive feedback is welcomed.