

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

in economical feasibility, a detailed analysis is carried out to know what will be the Cost If the project. Including hardware and software required, design and development cost and so on. The Cost and Benefit of project is analysed. it also serves as an Independent project assessment and enhance project credibility.

- intangible benefit
- reduced cost
- increased Revenue.

Technical Feasibility

The study focuses on the technical resources available to the organisation. It helps them to determine whether the technical resources meet capacity and whether the technical team is capable of converting the ideas into working Systems. The website developed for managing the musical instruments store is used as the client Server architecture Html and CSS as a frontend and Django as the backend. So, this project is technically feasible.

Operational feasibility

Operational feasibility is how well a Proposed plan fits within the existing business environment and if developed, whether the project satisfies the requirement identified in the requirement analysis phase. In this project we provide functionalities in

comparing to the existing platform. Currently store manages sales through offline and it is considered to be a time-consuming process. Through making store as online going to increase the sales in a rapid way.

Legal feasibility

In legal feasibility we investigate whether the project is legal or not. It also checks whether it follows the Governments rules and policies or not and make sure that we have no legal and ethical issues.

Schedule feasibility

In schedule feasibility, we estimate the time necessary to complete the project. Also consider the organizations capability and determine whether particular amount of time is available to complete the project or not. All segments of our project are completed within time. We fulfil the requirements of our users and easily and this schedule is feasible.