

# **Cricket Training Academy**

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## **FEASIBILITY STUDY**

The feasibility study is concerned with the consideration made to verify whether the system fit to be developed in all terms. Once the idea to develop software is put forward, the question that rises first will pertain to be the feasibility aspects. A feasibility study is conducted to select the best system that meets the system performance requirements. This entitles an identification description, an evaluation of candidate systems and the selection of the best system for the job. It also helps in identifying the risk factors involved in developing and deploying the system. So a feasibility study is a report which could be used by the senior or top persons in the organization. This is because based on the report the organization decides about cost estimation, funding and other important decisions which is very essential for an organization to run profitably and for the system to run stable.

## **Economical Feasibility**

Economic feasibility analysis is the most commonly used method for determining the efficiency of a new project. It is also known as cost analysis. It helps in identifying profit against investment expected from a project. Cost and time are the most essential factors involved in this field of study. The developing system must be justified by cost and benefit. Criteria to ensure that effort is concentrated on project, which will give best, return at the earliest. One of the factors, which affect the development of a new system, is the cost it would require. Existing systems use offline service, so compared to these proposed system software development needs some costs.

Cricket Training Academy needs various costs like system costs. The system cost may be classified into different categories including developing cost, on-going operational cost, fixed cost and variable cost. Since the system is developed as part of project work, there is no manual cost to spend for the proposed system. Also, all the resources are already available, it gives an indication of the system is economically possible for development.

By avoiding these costs, we have to improve the quality of work or to permit new activities to be undertaken and common performance benefits might be error reduction, increased speed of activity, and access to information that was not previously available.

## **Technical Feasibility**

It helps organizations determine whether the technical resources meet capacity and whether the technical team is capable of converting the ideas into working systems. Technical feasibility also involves evaluation of the hardware, software, and other technology requirements of the proposed system.

The development process has the capability and resources to undertake the Social Network for Buying and Selling. The users of the application donot need any other resources they have the capability to access our system with their own existing computer and proper internet connection.

The project should be developed such that the necessary functions and performance are achieved within the constraints. Through the technology may become obsolete after some period of time, due to the fact that newer version of same software supports older versions, the system may still be used. So there are minimal constraints involved with this project. The system will be developed using PHP as the front end, MariaDB in the back end. The project is technically feasible for development.

## **Operational Feasibility**

Operational feasibility determines whether the required software is capable of generating 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.

The organization is satisfied by the alternative solution proposed by the software development team. Our proposed system works to minimize the human errors, reduce time, better user interaction and a bug free experience.

The project would be beneficial because it satisfies the objectives when developed and installed. All behavioral aspects are considered carefully and conclude that the project is behaviorally

feasible. Cricket Training Academy ,GUI is simple so that users can easily use it. The users will be learning the features as they use it. It needs no training or guides to start using the application.