FEASIBILITY STUDY REPORT

CUSTOMERS PERSPECTIVE ON THEIR REQUIREMENTS:

For a representative of a non-profit organization, they will need a software application that can help them efficiently manage and track their operations, including donations, volunteer information, event management, and communication with our supporters. The application should be user-friendly and accessible for all members of their team, and it should be able to integrate with other systems they currently use. Additionally, it should be affordable for our organization, as we have limited resources. Overall, the goal of the software is to help them better serve their mission and the communities we all support.

Terms and conditions for all the Projects:

A. Project location: India

B. Project total cost: approximately $2 million

C. Project time span: Four months or Sixteen weeks

The project feasibilities:

Technical Feasibility: This dimension assesses the availability of the technology and resources required to develop and implement the software application. It involves evaluating the existing infrastructure, hardware, and software, as well as the availability of skilled personnel to develop and maintain the software. Factors such as scalability, compatibility, and security also need to be considered. If the organization already has the required technology and resources, then the project would be considered technically feasible.

Economic Feasibility: This dimension assesses the financial impact of the project on the organization. It involves evaluating the costs associated with developing and implementing the software, as well as the potential benefits and return on investment. Factors such as budget, funding sources, and long-term costs also need to be considered. The software application should be affordable and cost-effective for the organization, and the benefits should outweigh the costs.

Operational Feasibility: This dimension assesses the impact of the project on the day-to-day operations of the organization. It involves evaluating the current processes and procedures, as well as the impact of the new software on the organization's workforce. Factors such as ease of use, training, and support also need to be considered. The software should be user-friendly and easy to use, and it should not disrupt the organization's operations.

Legal Feasibility: This dimension assesses the legal and regulatory compliance of the project. It involves evaluating the laws, regulations, and policies that may affect the development and implementation of the software. Factors such as data privacy, data security, and intellectual property rights also need to be considered. The software should be compliant with relevant laws and regulations, and it should protect the organization's intellectual property.

Security Feasibility: This dimension assesses the security of the software application; it involves evaluating the technical measures that are implemented to protect the software against unauthorized access or damage. Factors such as data encryption, password policies, and access control also need to be considered. The software should be able to protect sensitive information and ensure data integrity.

Usability Feasibility: This dimension assesses the ease of use of the software application, it involves evaluating the interface of the software, and how easy it is to use, understand and learn. Factors such as intuitiveness, consistency, and user feedback also need to be considered. The software should be easy to use, understand and learn.

Introduction or Executive Summary

The purpose of this feasibility study report is to evaluate the feasibility of developing a software application for a non-profit organization.

The stakeholders of this project include the organization's staff, volunteers, donors, and the communities they serve.

The business profile of the organization includes their mission, goals, and operations.

The problems with the existing system, if any, include inefficiency in managing and tracking operations, difficulty in communication with supporters, and a lack of integration with other systems.

Project scope

The initial understanding of the project scope includes the development of a software application that can help the organization efficiently manage and track their operations, including donations, volunteer information, event management, and communication with supporters.

The software should be user-friendly, accessible to all members of the team, and able to integrate with other systems currently in use.

The software should be affordable for the organization, as they have limited resources.

Methodology and tools used for feasibility study

The methodology used for this feasibility study includes brainstorming, interviews, focus groups, and surveys.

In detail, the feasibility study was conducted by conducting interviews with key staff members of the organization to understand their current processes and procedures. A survey was also conducted among the organization's supporters to gather their feedback on the potential software application.

Focus groups were also held with volunteers and staff to gather their ideas and suggestions for the software. All the information collected from these methods were brainstormed among the team to come up with a comprehensive solution.

Observations or findings from the feasibility study

The feasibility study revealed that there is a need for a software application that can help the organization efficiently manage and track their operations.

The organization's staff, volunteers, donors, and the communities they serve are all supportive of the idea and see the potential benefits of the software.

The organization has the necessary technology and resources to develop and implement the software, and skilled personnel are available to develop and maintain the software.

There are no major challenges identified in the feasibility study that would prevent the organization from developing and implementing the software.

Challenges and assumptions considered for the project study

The main challenges considered for this project include ensuring the software is user-friendly and easy to use, ensuring the software is secure and compliant with relevant laws and regulations, and ensuring the software is affordable for the organization.

Assumptions considered for this project include the availability of the necessary technology and resources, the availability of skilled personnel, and the willingness of the organization's staff, volunteers, and donors to use the software.

Team name, Student names and Roll numbers

Team name: CHAD

Student names: Pranay Karthik

Roll numbers: 21BCS084

Glossary/References:

The whole report was written in intelligible language, I hope there won't be any necessary glossary.