FEASIBILITY STUDY of SPHOORTHY’S PROJECT BOARD

**CONTENTS**

|  |  |  |
| --- | --- | --- |
| **SNO** | **TOPIC** | **PAGENO.** |
| **1** | **INTRODUCTION** | **1** |
| **2** | **FOCUS OF TOPIC** | **2** |
| **3** | **FEASIBILITY STUDY**  2.1 TECHNICAL FEASIBILITY  2.2 OPERATIONAL FEASIBILITY  2.3ECONOMICA FEASIBILITY | **3**  3  4  4 |
| **4** | **FEASIBILITY REPORT** | **5** |

1. **INTRODUCTION**

* A feasibility study is the analysis of how successfully a project can be completed, accounting for factors that affect it such as technically and legally.
* Feasibility Study says that the project would be able to implement to success as it was carefully planned.
* Generally, feasibility studies precede technical development and project implementation.
* The goal of a feasibility study is to place priority on potential problems that could occur if a project is pursued and determine if, after all factors are considered, the project should be continued.
* The information you gather and present in your feasibility study will help you:
* Identify all the things you need to make the project work
* Serve as a solid foundation for developing your project plan

1. **FOCUS OF THE PROJECT:**

* This is mainly useful to the students who are facing many problems to find idea and domain to be selected.
* The Sphoorthy’s Project Board will help the students to know what projects are already done in the college so that they can easily find extensions of the project.
* This also includes the obtaining the information about the things requires to make our project
* The following chapter can conclude about the things needed to complete our project

1. **FEASIBILITY STUDY:**

Generally, feasibility studies precede technical development and project implementation. Project managers use feasibility studies to determine potential positive and negative outcome of a project.

the types of feasibility studies discussed under our project are

1. TECHNICAL FEASIBILITY
2. OPERATIONAL FEASIBILITY
3. ECONOMICAL/FINANCIAL FEASIBILITY
4. **TECHNICAL FEASIBILITY:**

This details how you will deliver your product or service, including issues of material and technology needed. This is based on an outline design of system requirements, to determine whether we can handle the project.

The following should be taken to consideration:

* 1. **STORAGE COMPATIBILITY**:

As the project goes on increasing the contents of the files such as the pictures or logos of the project and respective information is going to be gets increasing, hence we need to take care of storage analysis of the project after deployment.

* 1. **MAINTAINING UNIQUE LOGOS**.

There is no need that every team who does the project tends to keep the unique logos. There may also a need to check the uniqueness of the logos be presented for sake of proper working of the app.

* 1. **VERSION COMPATIBILITY**.

As the android and the platforms upgrade we need to keep track of the produced app for sake of longer working of the app.

1. **OPERATIONAL FEASIBILITY:**

Operational feasibility involves projecting whether the system will be used if it is developed and implemented. The essential questions that help in testing the operational feasibility of a system include the following,

* Does current mode of operation provide cost-effective services to the end user?
* Does current mode of operation make maximum use of available resources, including Natural resources?
* Does current mode of operation provide reliable services?
* Are the services flexible and expandable?
* Does the App work all the time or any constraints present to use?
* Will the proposed system really benefit the End User?
* How do the end-users feel about the new system?  
    
  We can say that the app or the user can access the information only with the presence of internet on his phone or the computer he/she uses which makes important constraint to use.

1. **ECONOMICAL FEASIBILITY:**

Economic analysis could also be referred to as cost/benefit analysis. It is the most frequently used method for evaluating the effectiveness of a new system. In economic analysis, the procedure is to determine the benefits that are expected from a candidate system and compare them with costs.,

Possible questions raised in economic analysis are:

* Is the system cost effective?
* The system is economically feasible,
* Are there any costs involved during implementation?

We conclude here that the there are no costs involved during the development process.

**4. FEASIBILITY REPORT:**

Instead of only using AR app we can also use web to get the project information. We use web to store large number of products, to make sure there is no redundancy of the project and to maintain unified system. And using AR app we can increase the interest among the students as it will be different than regular usage of web.