BUDORA

FEASIBILITY STUDY

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FEASIBILITY STUDY

A feasibility study is a critical phase in the development of a project that involves a detailed analysis to determine whether the proposed system is viable, practical, and capable of meeting its objectives. It assesses various aspects of the project, including technical, economic, and behavioral factors, to identify potential risks and challenges.
The primary purpose of conducting a feasibility study is to evaluate whether the project aligns with the organization's resources, workforce, and time investment. It helps the project designer assess the project's potential benefits and possible outcomes in the long run. By conducting a feasibility study, the designer can determine if the proposed system is feasible and worthy of further examination.
The feasibility study assesses the proposed system's impact on the organization, its ability to meet customer demands, and its resource-effectiveness. It plays a crucial role in evaluating the project's technical, financial, and operational viability. Through a comprehensive evaluation, the feasibility study helps determine whether the new application should be given the green light for development.
The study carefully considers factors like technical feasibility, such as the availability of required technology and resources for development, economic feasibility to estimate costs and potential returns on investment, and behavioral feasibility to gauge user acceptance and engagement. All these elements are thoroughly examined to ensure the proposed system's success and alignment with the organization's goals.

Economical Feasibility

Economic feasibility is a crucial process in determining the cost effectiveness and viability of a project.

Cost Analysis: Cost-benefit analysis has been conducted, and the proposed system is found to be economically feasible and justifiable within the pre-assumed project budget.
The development cost of the system was assessed across various categories, including labor costs, computer expenses, supplies and equipment costs, software implementation, system analysis, website coding, and database design.
These cost categories represent one-time expenses that won't recur after the project is completed, ensuring efficient utilization of resources.
By thoroughly analyzing these cost factors, the development of "Budora" is confirmed to be economically viable

Technical Feasibility

Technology Assessment: The technical feasibility evaluates whether the required technology and resources are available to develop the "Budora" platform. The required software and hardware, including servers and databases, are readily available and accessible for development.
Scalability: The "Budora" platform is designed to handle a large number of users and plant listings. The website's architecture is scalable, allowing for seamless expansion as the user base and plant inventory grow.
Integration with Existing Systems: "Budora" will integrate with a secure payment gateway for processing transactions and will seamlessly connect with nearby stores to display real-time plant availability.

Behavioral Feasibility

User Acceptance: User surveys and market research demonstrate a high demand for an online platform that connects indoor plant enthusiasts with nearby stores.

User Experience: "Budora" offers an intuitive and user-friendly interface, allowing users to browse, select, and reserve plants easily. The platform's interactive features, personalized recommendations, and detailed plant care information enhance the overall user experience.