

Gentle Haloes

Palliative Care Service

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Feasibility Study

Introduction

Feasibility is defined as the practical extent to which a project can be performed successfully. To evaluate feasibility, a feasibility study is performed, which determines whether the solution considered to accomplish the requirements is practical and workable in the software. It helps the designer to identify prospective project focal areas and long-term outcomes. As part of a feasibility study, a project is evaluated for its viability in order to determine whether it will be successful. It is important to analyse all available options when determining whether a given framework is workable and beneficial for further research. The feasibility study's findings should be summarized in a report that suggests whether or not it is feasible to continue with the requirements engineering and system development processes.

Economic Feasibility

In order to assess a new project's value in terms of time and money commitment, it is essential to conduct an economic feasibility analysis. Economic 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 suggested system, Gentle Haloes Palliative Care Service has undergone cost-benefit analysis and is proven to be both practical and cost-effective given the project's presumptive cost.

The Palliative Care Service website is economically feasible because it offers valuable services that can potentially generate financial gains for the organization. The Palliative Care Service website is economically feasible because it offers various opportunities to generate income. As more people use the platform, there is a chance to receive donations and financial support from individuals, organizations, and sponsors who believe in the cause. Additionally, the website's appointment booking feature can generate revenue through appointment fees or service charges. By managing the costs efficiently and ensuring that the money coming in is more than the expenses, the website can be financially viable and successful. Overall, the website has the potential to create a positive economic impact, making it economically feasible and sustainable in the long run.

Technical Feasibility

A Technical Feasibility Study is an essential assessment conducted to evaluate the practicality and viability of a proposed project from a technological standpoint. It aims to determine whether the project's implementation is technically feasible and can be executed using available technology, resources, and expertise. The study involves a comprehensive analysis of the project's technical requirements, including infrastructure, software, hardware, programming languages, and integration capabilities. Ultimately, the Technical Feasibility Study serves as a foundation for effective project planning and ensures that the proposed initiative can be realistically implemented using available technical resources and expertise.

The Gentle Haloes Palliative Care Service Website is simple to use and doesn't need much instruction because it is self-explanatory. Even for first-time users, the website is simple to use. The technology is easily accessible, saving clients' money, with only the time spent online being wasted. Gentle Haloes is technically feasible because it has modern infrastructure and uses available technology that allows it to work well and be easily hosted. It is designed to handle more users and content as needed without slowing down. The website's modular design enables seamless integration of different modules for Admin, User, Volunteer, Health Care Assistant, and Guest User, providing real-time data synchronization and a cohesive user experience. It is technically feasible due to secure payment gateways, responsive design, and efficient user management. Continuous improvement using feedback and analytics further enhances its viability as a successful Palliative Care Service Website.

Behavioural Feasibility

Behavioural feasibility refers to the assessment of whether a proposed project or system aligns with the organization's culture, existing processes, and the willingness of users to adopt and adapt to the changes brought about by the project. It evaluates the human and behavioural aspects of implementing the project and addresses potential challenges related to acceptance, resistance, and support from end-users.

Two crucial considerations have been made in order to guarantee the system's success:

- (1) if users will have enough assistance, and
- (2) whether the system will be harmful.

To make sure that the system will be useful after implementation, these issues were carefully examined. Additionally, to make sure the project is behaviourally feasible, all behavioural elements were considered throughout the feasibility assessment.

The Palliative Care Service website is behaviourally feasible because it is user-friendly and easy to use. It offers helpful features like user registration, patient profiles, appointment scheduling, and resources for palliative care. The platform encourages smooth communication between healthcare professionals and patients. It also allows for lab testing scheduling and medicine booking, making it convenient for users. With its intuitive design, the website encourages active engagement, promoting palliative care services effectively at the panchayat level.