

Feasibility Study

A feasibility study analyses and assesses the viability and practicality of a proposed project or business venture. Its main goal is to establish whether the proposal is feasible, economically viable, and worthwhile of future investigation. Before allocating major resources to a project, the research aids decision-makers and stakeholders in evaluating the potential risks and benefits involved. A feasibility study is conducted to assess the solution's viability and establish whether it is viable and implementable in the software. Information on resource availability, software development costs, the advantages of the software to the company once it is built, and the costs associated with. The objective of the feasibility study is to establish the reasons for developing the software that is acceptable to users, adaptable to change and conformable to established standards.

The proposed system CareerGo, is a platform designed to empower students in making informed decisions about their future career paths. The system addresses a significant need for students seeking comprehensive career guidance. The user-friendly interface and interactive features contribute to its social feasibility. The system can be integrated into existing operations with relative ease, to ensure smooth adoption by all user groups. The system is feasible due to its relevance, technological availability, user acceptance, operational efficiency, compliance, and achievable project timeline.

Technical feasibility

Technical feasibility, which focuses on determining if the proposed project is technically feasible and realizable. It seeks to ascertain whether the project can be successfully carried out with the available technology, resources, and

experience. It evaluates the present technology and resources needed to fulfil user needs in the software within the given constraints of time and money.

The suggested Online Career Guidance System CareerGo is technically feasible since it can be built and operated with current infrastructure and technology. In the proposed system, the frontend is developed using HTML, CSS, Bootstrap, JavaScript and the backend is developed using python programming to create a user-friendly and interactive platform. A robust and scalable database SQLite is used to store user information, course details, internship opportunities, and assessment results. It is possible to create a system that will match user needs and offer a fluid, interactive career exploration and decision-making journey by carefully addressing the technical factors.

Operational feasibility

Operational feasibility evaluates the degree to which the necessary software executes a set of procedures to address business issues and user requirements. It is dependent on human resources. It Analyses the priority of the issues raised by the user requirements and determines whether the software development team's proposed solution is workable. Examines whether users will adjust to new software.

Operational feasibility evaluates how well the proposed CareerGo System can be integrated into the current processes and how practical and user-friendly it will be for users. The system is designed to be user friendly and the users may find it easier to navigate and use. The platform must be simple to use and understandable for administrators, instructors, and students alike. In order to guarantee that users can efficiently utilize all the features and functionalities of the system.

Economic feasibility

It evaluates whether the necessary software may result in financial gains for a company. It includes expenses for the software development team, projected costs for hardware and software, the cost of conducting a feasibility study, and other expenses.

The suggested CareerGo system's economic viability shows that it is commercially viable and has the prospective benefits that outweigh the related costs. The system was entirely developed using open-source software, and all necessary resources were readily available, which further reduced the development cost. This indicates that the system is economically feasible for development. The website can profit from enrolment commissions and ease communication with educational institutions by teaming up with course providers and internship programs.