

Feasibility study

A feasibility study is a systematic and comprehensive assessment of a proposed computer science project's viability and practicality. It helps to determine whether the project can be successfully completed within the given constraints and if it aligns with the organization's goals and objectives. The study evaluates technical, economic, legal, operational, and scheduling aspects of the project to make informed decisions about its implementation. Conducting a feasibility study is crucial to minimize risks, allocate resources efficiently, and ensure the project's overall success.

Operational Feasibility

The operational feasibility of a medical store with an inventory system that buys medicines from stockists and retails them to customers while using blockchain to verify and authorize prescriptions involves evaluating its practicality and effectiveness. This feasibility study assesses whether the proposed system can seamlessly integrate into the store's operations, facilitate secure prescription verification using blockchain technology, and meet the demands of both customers and pharmaceutical suppliers.

Technical Feasibility

The technical feasibility of a system utilizing HTML, CSS, JavaScript for the frontend, Django for the backend, and SQLite as its database involves evaluating the compatibility of these technologies to work seamlessly together. This assessment includes considering how well HTML, CSS, JavaScript and Django can be integrated to create a cohesive application, the availability of skilled resources with expertise in these technologies, the presence of comprehensive documentation and community support, scalability to handle potential growth, performance optimization, security measures, suitability of SQLite for data modelling, data migration and backup mechanisms, third-party integration capabilities, effective testing and debugging tools, and ensuring version compatibility.

Economical Feasibility

Economical feasibility of a system is the ability of a system to generate revenue. This system could be implemented with some computer knowledge. The pharmacist would need some extra skills such as how to add update medicine details. This system provides with the necessary needs of a pharmacy to run an online store. It can also add extra revenue to the store.