# FINDMYNEST

## Online Property Management System

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# Feasibility Study

This feasibility study is a vital step in determining the FindMyNest project's viability in terms of resources, time, and organizational goals. It aids in assessing prospective long-term advantages and opportunities. By carrying out this study, the developer will be able to determine whether the suggested system is workable and deserving of more investigation. The feasibility study looks at the system's effects on the business, its capacity to satisfy customer needs, and its resource-use effectiveness.

A system is of no real value to a corporation if it does not serve its goals. Despite the fact that this may seem obvious, many organizations create systems that do not support their goals, either because they lack a clear statement of these goals, because they fail to specify the system's business requirements, or because other organizational or political factors have an impact on the procurement of the system.

The company may have trouble managing properties effectively if the FindMyNest system is not installed. Customers would have a difficult time locating properties, and transactions would be cumbersome and prone to mistakes. Customers may become unsatisfied as a result, and business growth may be slower than that of rivals who use online methods.

The manual labour and paperwork required by the present property management procedures lead to errors and delays. By offering a user-friendly online platform for property listings and communication between clients and brokers, a new system like FindMyNest can help. Time would be saved, accuracy would increase, and customers would be happy.

By enhancing the company's competitiveness, raising customer happiness, and reducing time and expense spent on administrative activities, FindMyNest will directly benefit the company.

**Technical feasibility**

The technical feasibility of FindMyNest revolves around evaluating whether the project can be successfully implemented from a technological perspective. A key factor is the availability of skilled and proficient team members capable of handling tasks such as web development, database management, user interface design, and system integration. Their expertise is crucial in ensuring the system's smooth and effective development. Additionally,

the choice of technology stack is of paramount importance. Opting for stable and established technologies, including well-known programming languages, frameworks, and databases, ensures reliability, security, and easier maintenance of the system.

Technical feasibility is important to ensure that the proposed system can be developed using the available resources and technology within the allocated time and budget. In the proposed system, the frontend is developed using HTML, CSS, and JavaScript. These technologies are widely used and have a large developer community, making it easier to find solutions and resolve issues. The most popular and well-established Python programming language is used in backend. The mongoDB tool is used for the administration over the web. The system is self-explanting and does not need any entire sophisticated training. Overall, the use of these technologies ensures technical feasibility and efficient development of the proposed system.

**Operational feasibility**

FindMyNest's operational feasibility is a key factor in assessing the project's viability from an operational point of view. It evaluates various elements to ensure the system's practicality and adoption by users and organizations alike. First, it looks at the expected problems in user's needs and prioritizes them based on the impact they will have on the system. By focusing on high-priority problems, the system is better able to meet users' expectations and deliver a better solution. Second, it looks at whether the solution proposed by your software development team is acceptable to your organization. It looks at whether the proposed solution is technically viable, aligns with your organization's goals, and provides a practical approach to solving user's problems. Thirdly, user adaptability is critical to the success of the system. The operational feasibility looks at whether the system is easy to use, intuitive, and integrates seamlessly into users' existing workflows. Fourthly, the analysis looks at how satisfied the organization is with the alternative solutions that the software development team suggests. It makes sure that the solutions chosen are cost-efficient, practical, and aligned with the organization's long-term

In conclusion, FindMyNest seems to be an efficient online system for managing properties that has great operational viability. It is a desirable option for both clients and real estate organizations because to its user-centric methodology, extensive functionality, and web-based accessibility.

**Economic feasibility**

FindMyNest's economic feasibility is a key factor in determining whether your project will be financially viable for your organization. It's a comprehensive analysis of the costs associated with software development and the expected long-term returns and benefits that your system can bring to your organization. For example, you'll need to consider the resources, time and effort needed for software development. You'll also need to consider the cost of conducting a complete software investigation, including requirements elicitation, analysis, etc. The economic feasibility also includes hardware and software infrastructure costs, such as servers and licenses, your development team's assembly and maintenance, training, etc. By thoroughly analyzing these costs and comparing them to the expected benefits, you can determine whether your FindMyNest project will bring you significant and sustainable returns in the long run.

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. Users only need to pay for internet connectivity in order to access the application