**STRATHMORE INSTITUTE**

**DIPLOMA IN INFORMATION TECHNOLOGY EC**

**IS PROJECT CONCEPT NOTE**

**A Web-Based Residence Finding System (HomeFindsYou)**

**Introduction**

HomeFindsYou is a web-based application that aims to aid tenants renting out any nature of accommodation by connecting them directly with potential residents seeking their services. This concept note gives a brief outline of the idea and the development of the proposed website.

**Background and Problem Statement**

The global demand for affordable housing has always been a major concern and has skyrocketed in recent years. Tenants have a hard time marketing and finding clients for newly built apartments while people in need of housing or accommodation find the house hunting process daunting. They often struggle to find quality housing that meet their pockets as well as trustworthy credible tenants. Additionally, tenants face challenges in establishing their credibility and finding consistent rental opportunities. HomeFindsYou aims to address these issues by providing a platform that connects potential residents and tenants renting out housing by “bringing the homes to you.”

**Proposed Solution**

HomeFindsYou will be a web-based platform for clients/residents and professional house renters/ tenants. Clients can easily browse through verified leaser profiles, including their portfolios and skills, to find the perfect match for their rental and housing needs. The platform will enable direct communication and collaboration between clients and tenants, showcase the area/ location of the housing, showcase the building process of the apartment, the companies and partnerships involved in the building and ensure efficient, safe, and promising housing.

HomeFindsYou contribution to SDGs primarily focuses on promoting sustainable cities and communities, economic growth (by industry innovation and infrastructure) and strengthening the global partnership for sustainable development by involving the government, private sector, and civil society. This platform ensures that only certified leasers gain access through a rigorous verification process. It also ensures the leaasers are renumerated by ensuring the residents find pocket friendly houses and pay their rent in time. By bridging the gap between residents and tenants HomeFindsYou seeks to revolutionize the industry and create a reliable source of income for architects and tenants as well as provide secure housing options for citizens.

The SDG problem being addressed by HomeFindsYou is primarily Goal 8: Decent Work and Economic Growth (United Nations, 2015). The platform aims to provide a reliable source of income for professional architects, leasers and renters of accommodation and apartments for citizens.

Additionally, HomeFindsYou indirectly contributes to Goal 9: Industry, Innovation, and Infrastructure (United Nations, 2015). The platform promotes innovation in the building and infrastructure industry by providing a centralized marketplace that enhances the efficiency and accessibility of professional services to do with buildings apartments and homes.

Moreover, HomeFindsYou aligns with Goal 11: Sustainable cities and communities (United Nations, 2015) by ensuring cities and human settlements are inclusive, safe, resilient, and sustainable.

**Proposed Timeline**

May 2023: Concept note and requirement gathering.

June 2023: Development of the web-based platform

July 2023: Documentation

July 2023: Platform testing and improvements.

August 2023: Final submission and oral presentation.

**Project Requirements**

1. Core i5 computer running Windows 10 or 11. Ram size 8GB or more.
2. Microsoft Office suite for documentation especially MS Word 2016 or latest.
3. Design tools such as draw.io, LucidChart
4. Web Development: PHP 8 and above, HTML5, JS, CSS, IDEs.
5. Apache web server for testing (XAMPP control panel)
6. Database Management: MySQL DB, MySQL Workbench for DB design

By following this timeline and meeting the project requirements, HomeFindsYou will be completed by August 2023. The future of sustainable affordable housing is guaranteed through this platform.

**References**

United Nations. (2015, September). *Goals* . Retrieved from United Nations website: https://sdgs.un.org/goals

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