HANOI UNIVERSITY OF SCIENCE AND TECHNOLOGY

GRADUATION THESIS

Developing and building website Helpdesk using OdooErp

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ABSTRACT

Human society is gradually entering the 4.0 technology revolution; this is the era of the software industry with inventions of high intelligence and practicality. In recent times, the internet and networked systems make helpdesk software more interactive and participatory for customers. Customer service and helpdesk software systems have become increasingly popular in recent times. In the field of information technology, IT helpdesk is part of the IT department, responsible for receiving and answering technical inquiries and questions from customers. IT helpdesk provides technical software support and consulting, provides technology services, and solves technology and computer related problems. Communication is often done through a variety of means such as email, phone, website, or online chat.

Today the IT support could be overwhelmed with loads of requests from the clients within the ANSV Telecommunications Equipment Company Limited (part of VNPT Technology, Vietnam Posts and Telecommunications Group) through email, which is an inefficient way to store and manage information of each complaint. Tracking down the list of requests is also an issue. For the goals to ensure the achievements of expanding to new clients, IT support needs a better alternative way to manage, store, and retrieve information. A better management system is required for receiving, responding to, monitoring, and retrieving client requests. It is also important for the IT department in future because ANSN is planning to expand to new major clients.

Therefore, I have decided to choose a topic for my project: "Developing and building website helpdesk using OdooErp". The software architect pattern in this project is Model View Control and applied with the programming language of Odoo and HTML. The helpdesk website is developed and built for supporting ANSV recent clients. The helpdesk website is to manage a process of a customer support system. The application interface has been implemented with a high level of completion, fully meeting all the functional requirements of the system. The interface ensures that all system functions operate accurately and effectively. New user experience design in the helpdesk system has optimized the operating process.

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