HANOI UNIVERSITY OF SCIENCE AND TECHNOLOGY

GRADUATION THESIS

Manga ECommerce Website

NGUYEN VU MINH
minh.nv194801@sis.hust.edu.vn

Major : Information Technology

Supervisor : Dr. Do Ba Lam

Signature of advisor

Department : Department of Computer Science
School : School of Information and Communication Technology

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GRADUATION THESIS ASSIGNMENT

1. **Student's information** :
   Name : Nguyen Vu Minh.
   Phone : 0826417133 **Email**: minh.nv194801@sis.hust.edu.vn
   Class : ICT-02 K64
   Affiliation : Hanoi University of Science and Technology.
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2. **Thesis title** : Manga ECommerce Website

3. **Thesis statement** :
   This thesis aims to build a manga eCommerce website, where publishers can use the app to publish their mangas, and users can purchase and read those published works. More specifically, the objectives of the thesis are:

   - Identify functional and non-functional requirements of a manga e-commerce website.
   - Design website's architecture, Graphical User Interface (GUI), database.
   - Deploy the website to a cloud server for user access.

4. **Declarations/Disclosures** :
   I - *Nguyen Vu Minh* - declare that the content of this thesis has been composed by myself under the guidance of my supervisor.
   The work presented in the thesis is entirely my own and not a copy of any other research.

   Hanoi, date month year 2024
   Author

   Nguyen Vu Minh

5. **Attestation of supervisor**:
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   Hanoi, date month year 2024
   Supervisor

   Dr. Do Ba Lam

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ABSTRACT

Manga has seen explosive growth in the past few years. This led to many companies starting to build web applications solely for manga eCommerce purposes. Currently, in Vietnam, there haven't been any similar applications. Therefore, I decided to design and build a manga eCommerce website, using a Client-Server architecture with a front end built with ReactJS and a back end developed with Go and Gin framework. This application will allow publishers to publish their manga on the website, and users can visit to purchase and read these manga. The end results for this thesis will have a simple but stylish interface while satisfying all functional requirements as well as non-functional ones. In this thesis, I will present the progress of my work, including the status survey and requirement analysis, overall system design, the final implementations, and finally some setbacks and possible future works.

Student

(Signature and full name)

Table of Contents

List of Figures

List of Tables