A Restaurant Introduction and Table-Reservation Website for Gogi House Thai Nguyen

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***Abstract*—This undergraduate thesis develops a website to introduce Gogi House Thai Nguyen and support customer table reservations. The manuscript describes restaurant information, menu presentation, customer and administrator roles, booking and payment use cases, and the construction of pages with WordPress and Elementor. It includes activity and sequence diagrams, interface images, and a deployment procedure using a site backup. The author reports a working website with basic online sales functions and a hosting deployment. The documented screenshots support the existence of a student prototype, but the manuscript does not present an independent test of reservation completion, customer use, payment security, or business impact. The summary distinguishes documented implementation from design intentions and identifies verification of the reservation workflow as a further step.**

***Index Terms*—restaurant website, table reservation, WordPress, Elementor, online ordering**

I. Introduction

Restaurant customers need clear information about menus, location, and table availability before visiting. This project focuses on a website for Gogi House Thai Nguyen that can present restaurant information and support reservations. The thesis describes the desired customer and administrator functions and motivates a web interface that can be updated by staff. Its title emphasizes table booking, while later chapters also discuss online sales and payment workflows. This summary therefore treats the work as a restaurant website prototype and checks each claimed function against the material actually shown in the manuscript [1]. Earlier ICTU student work on related designs is included here for context [2], [3], [4], [5], [6], [7], [8]. Published technical books provide background for the methods discussed in this summary [9], [10], [11]. These contextual works were selected for this English summary; they are not asserted to appear in the original thesis bibliography.

II. Methods

The student analyzes users and use cases for viewing restaurant information, selecting food, reserving a table, and administrative management. Activity and sequence diagrams describe several intended interactions. The implementation uses WordPress with the Elementor page builder and discusses HTML, CSS, PHP, and a local XAMPP environment. The report shows interface construction and describes backup and migration with Duplicator. The summary reviews these design artefacts, page screenshots, and the conclusion. It does not infer that every modeled reservation or payment interaction was independently tested or used by real customers [1].

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III. Results

The manuscript presents a constructed restaurant website and images of its administrative and visitor-facing pages. The author reports that the site was deployed to a host and that basic product display and online sales functions were implemented. The report also includes a detailed procedure for moving the site by restoring a backup. The evidence consists chiefly of design diagrams, configuration steps, screenshots, and the author's conclusion. It does not provide transaction logs, a reservation test report, a usability study, or measured change in restaurant operations. The supported result is a documented student prototype with reported basic functionality [1].

IV. Discussion

The source contains a mismatch between its table-reservation title and the conclusion's emphasis on online sales. A reservation use case is modeled, but a verified end-to-end booking outcome is not separately reported. The website's visual design is described as basic, and the author states that some functions remain incomplete. A future assessment should test reservation requests, staff confirmation, duplicate bookings, menu updates, and customer data handling. Hosting deployment alone does not establish reliable production service. The results should be interpreted within the narrow evidence of the manuscript rather than as a measured commercial improvement [1].

V. Conclusion

This thesis documents a WordPress-based website for Gogi House Thai Nguyen, including restaurant presentation, modeled table-reservation interactions, administration screens, and backup-based deployment. The manuscript reports completion of a basic website and identifies a simple interface and unfinished functions as limitations. Its diagrams and screenshots establish the scope of the student design and demonstration, but do not independently verify customer reservations or business outcomes. Further work should reconcile the booking

and sales requirements, complete missing functions, and test the full customer and staff workflow under stated conditions before operational claims are made [1].

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