

KAWA: THE DIGITAL HUB FOR CULINARY ENTHUSIASTS

A Thesis Presented to the
Faculty of the College of Science
Technological University of the Philippines

by

MARK P. BALANSAG

JOHN MICHAEL M. DELA CRUZ

JOHN HENDRYX C. MEDIANA

SHAWN BRYE L. ORDOÑEZ

In partial Fulfillment of the
Requirements for the Degree
Bachelor of Science in Information System

June 2024

INTRODUCTION

The main objective of this study is to develop Kawa: The Digital Hub for Culinary Enthusiasts. The research stressed the cultural and economic importance of food heritage. Online platforms and support networks present tangible opportunities to bridge divides and provide food enthusiasts with forums. Evaluate the platform's acceptability according to ISO 25010 standards. Finally, Finally a social media platform tailored to a community, community and identity identity and identity, as well as a wide range of food recipes and information. Study looked at the fading interest of younger generations due to the influence of fast-food culture. It found that there exists a disparity between the traditional methods of orally and textually conveying culinary expertise. The findings suggest that popular destinations and chefs are increasingly using culinary traditions to showcase their skills and passion in the kitchen. The study confirmed the importance of conserving and developing culinary history, which encompasses cultural identity, community growth, and historical relationships. The significance of this study lies in its potential to benefit various stakeholders through a dedicated digital platform. Facebook group shows that people, not only Filipinos coming from different backgrounds can bond together through the shared love for food. This Facebook group is called Kanto Fried Chicken. The group shares the same passion for making the best possible Filipino Fried Chicken recipes or commonly known locally as Kanto Fried chicken. The Facebook group was created in the early 2000?s and has over 1,000 members. It is one of the most popular groups on the social networking site. It was created to share recipes and information about Filipino fried chicken.

METHOD

The respondents who were tasked to evaluate the system are composed of 30 respondents. 15 are cooking enthusiasts or hobbyists, 10 are Information Systems and 10 are IT experts. The system's robustness, scalability, and ability to handle the variety of data as well as functions needed for a large-scale culinary community platform are all guaranteed by the architectural design. The administrator can see the number of Users, Posts, Recipes as well as tags. The notification function serves as an important communication tool inside the platform. Kawa: The Digital Hub for Culinary Enthusiasts is an online resource that showcases the variety of foods available in the Philippines. It provides a platform for culinary aficionados to interact and share their shared love of Filipino cooking. The platform's trending page highlights posts that have received a lot of attention, showing popular and interesting content. The comment function boosts engagement by allowing a direct and active exchange of ideas, transforming the platform into a dynamic space where users participate in discussions. The profile function functions as a centralized center inside the platform, providing users with a full view of their information. Kawa is a digital food hub that serves as a hub for recipe sharing and community involvement for culinary enthusiasts. The analysis investigates the purpose of developing a network for food enthusiasts and bringing together Filipinos who share a love of food. Kawa's dashboard offers an update on each user's activity on the website. The platform's moderation function is a critical role entrusted to administrators, who oversee and control the contents posted on the Kawa feed. The ERD provides a concise Frenchman illustration of the relationship dynamics between important entities. Users can post, view, like, comment on, and favorite posts, recipes, and posts on an interactive platform. Regular users are positioned underneath regular users, with the ability to post, views, and comment on posts. Users may share their culinary activities, interact with posts, and favorite their favorite recipes. Users can also follow, comment, and moderate posts on the site to guarantee their quality. A dashboard that tracks site performance is accessible to administrators, who can also contribute new recipes and review posts. Kawa: DIGITAL HUB FOR CULINARY ENTHUSIASTS is a digital hub for Filipino cuisine. It allows

users to search for recipes and share their thoughts. Kawa is designed with a curated community in mind. It has been developed with a well-designed methodology and continuous585858 testing. It is designed to meet the needs and expectations of its target audience. It was developed with the aim of community building and comprehensive content distribution. The researchers were receptive to suggestions and comments from the respondents. ipino cuisine is an online repository dedicated to displaying the Philippines' extensive variety of regional cuisines. The profile feature, which serves as a digital representation of an individual's existence, does more than just compile data; it develops a feeling of identity and community participation. The Admin Dashboard links to important posts, illustrating how user interactions with posts are connected. Click the ?Save Changes? button to save and change your new profile. Click the Admin Dashboards button to go to the Admin dashboard.

RESULTS

The project is evaluated using the 4-Point Likert scale, based on the ISO 205010. Test Case 3: 3 posts, one text, image, and video in the post creation. Test case 7: 3 post, test, image or video post, the delete function of the website was tested. Test cases are shown in the form of a table and a list of results. The results are based on a number of different conditions. The test cases were carried out on a 93-93-93 Kawa web page. The 'forgot password' function of kawa boasted an overall successful result, not having to debug or further improve the function as it serves to be working and functional. The system boasted an Overall successful result. The 'Forgot Password' feature works well to improve user experience and encourage more detailed platform engagement. The test case was carried out on the Kawa Digital Hub. The results were published in a paper titled 'Kawa DigitalHub: A Digital Hub for Culinary Enthusiasts'. Table 8 shows the thorough coverage of local cuisines and Filipino specialties, promoting a sense of cultural appreciation among the users. Table 9 shows an online community that is safer and more solid has resulted from administrators' enhanced efficiency in managing the moderation of user-generated content. Table 10 shows the instructions for the users on how to create, post and submit posts for approval on the website. Table 11 shows the steps to add a recipe, a video tutorial and a search bar. The project allows Users to access the Recipe tab for Verified Recipes. Users can filter the trending page with the based on the tags of the post for easy discovery of their preferred topic. The moderate post page allows moderators to approve and delete posts submitted by users for its relevance. The user can also create posts, apply tags in the homepage, follow other users and favorite other user posts to keep on track on it. The project has the following limitations: The project allows the admin to add recipes and tags. Administrators adjust as needed to enhance the user experience. The Kawa Digital Hub is a forum-styled website that allows users to post food recipe-based contents as well as interact with other posts through liking, commenting and following other accounts and their posts. The system received a positive evaluation from its respondents, which proved that it is functional, usable, efficient, portable and secured. The project provides

guidelines/ tutorials to users on how they can post food recipes. The data was presented in infographics and graphs to properly visualize the viewpoints of the website and to be presented to the administrator. Kawa is a digital hub for Culinary Enthusiasts. Users can create a profile, where they can save their favorite posts and recipes. Posts on the site can also be ranked on the trending tab depending on their likes and comments. Kawa also serves as an online repository for various Filipino dishes, it provides a gallery of verified accumulated recipes. These positive⁹⁰ demonstrate the necessity of providing customized content offers to appeal to specific interests and promote interaction between cultures. The project can facilitate Log in for users and log out for users.

DISCUSSION

Kawa is a digital hub created for culinary enthusiasts to teach people or Filipinos who have a passion for cooking. The website's capabilities include the introduction of different dishes and different viewpoints from provinces around the Philippines. It also offers tutorial videos on how to cook that viewpoints, typewritten procedures, and ingredients as shown in the tutorial videos. The overall evaluation results were very positive, with all requirements receiving a grand weighted mean of 3.60 indicating that the website met the evaluation criteria.