

PROJECT PLAN

Individual Track

Bamboo Restaurant

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Revision History:

Date Changed	Document Version	What was changed
13/09/2021	1	
08/10/2021	2	Update the User Stories
28/11/2021	3	Update more User Stories

Introduction

This is the project plan by Nhat Nam Ha for the Bamboo restaurant's project. This project will solve the administration problems presented by the Bamboo restaurant, and it will be used for the chain of Bamboo restaurants. In this document will define the scope of this project and describe our planning ahead over the next couple of weeks.

Current situation

Currently there is no software solution implemented. The restaurant is making use of waiters to get the call from customers, process the order to chefs and accountants make overview by manually, which will be time-consuming for the restaurants.

At the end of week 18, we will have presented the final solutions to Bamboo restaurants as our clients.

Problem Description

Currently, the main problems that our client face that do not have solutions for managing and keep tracking the processes when they are going to extend the restaurants chain. After the interview with our client, they would like a website so that their customers can reserve the table and see the customer info and overview of bill payments. For the waiters, they would like to have a system that can automate getting the order from the table, sending order to chefs for cooking, and will received the meal to serve customers. The chefs will receive the order and make meals to waiters to serve food. They also want a system to help their accountants know the overview about the payment that customers have made, for the marketing purposes.

Project Goal

The goal of our application is to resolve the issues that the company is facing. By the end of our project, the software solution that we have provided will have improved the working quality for their staffs and user experience for their customers.

User stories

1. As a customer, I can register the customer account so that I can login to the customer login page.
 - I can type my username, password, birthdate and my phone number (60%)
 - My username should have length from 8 to 32 (60%)
 - First character in my username should not be a number (60%)
 - My password should have length from 8 to 16 (60%)
 - My password should have a capital letter and a special character. (60%)
 - The birthdate will be chosen from the provided calendar. (40%)
 - The phone number should only number and length is 10. (40%)

- If one of the conditions for username or password does not meet requirements, then the application will send the notification to retype the username or password until conditions are met. (30%)
- If the conditions for username and password are met then the system send a notification for successful registration, then direct to login page. (50%)

2. As a customer, I can log in to the customers' website so that I go to my dashboard to see my profile, my bill payments and the reservation system.

- My username should have length start from 8 to 32, first character will not a number (60%)
- My password should have length start from 8 to 16, should have capital and special characters (60%)
- If the username or password does not match compared to the system, the login will send a notification to type the username or password again (30%)
- If the username and password match compared to the system then the login page will send a successful notification and then direct to customer dashboard page (40%)

3. As a customer, I can see the available tables in the chosen time slots so that I can make reservation to the restaurant.

- The time slot in be in an hour, for example from 19:00 to 20:00 (60%)
- The user can see number of available tables when choose a particular time slot (30%)
- Customer should be in a group of two people to eight people to make successful reservation (60%)
- The customer should only make 1 time slot for a day (30%)

4. As a customer, I can filter the reservations that I have made so that I can look up subset of reservations for other purposes like editing and planning the reservations easily.

- The search filter bar must be presented, customer can set the criteria/conditions for filtering (60%)
- The search filter bar must have at least the range date and text box searching (60%)
- The inputs can be null means no conditions for filtering (50%)
- The date inputs (starting date and ending date) must be in the format "DD/MM/YYYY" (50%)
- The starting date must not higher than ending date, for ranging date logically (50%)
- The textbox search will search with case sensitive (40%)
- The coupon cards will be searched on title if textbox search presented (40%)

5. As a customer, I can make table reservation after I see the available table in my time slot.

- The number of people in my reservation will be from 2 people to 8 people (40%)
- If the number of people in my reservation not in range 2 to 8, my reservation will be denied by sending notification from the application (40%)
- I can type my phone number to get the notification when my reservation is near the time start indicated (30%)
- I will receive the notification from the application if my reservation successful (30%)

6. As a customer, I can get the notification when my reservation near the time slot that I chose so that I can go to the restaurant on time.

- The notification will be sent to my phone by using my mobile number (40%)
- The notification will be sent in 1 hour before the starting time slot in my reservation (20%)
- The notification will be continued to send every 15 minutes after the first one sent (20%)
- The final notification will be sent at the starting time of my reservation time slot (20%)

7. As a customer, I can see the promotions/coupons created by the restaurants so that I can know and apply it to get the discounts on my meals.

- A collection of coupons must be appeared on customer dashboard on promotions section (60%)
- The promotions must have the title, description, promotion code and date expire (60%)
- The coupons must be presented if the customer progress bar has passed target (20%)

8. As a customer, I can see the profile after login successfully so that I can check my personal information for correction.

- The profile must show the avatar, customer name, address, email (60%)
- The profile must show the same information that customer has registered firstly, or after changed from the customers (60%)
- The avatar must be in circle area and must have face recognized (20%)

9. As a customer, I can chat to customer support so that I can express the problems that I met and get a live support from customer support.

- The live chat button must be presented in every page that customer can access (60%)
- The live chat must show the history of chat have made before (30%)
- The messages that made by customer must be on right side with blue color (30%)
- The messages that made by customer support must be on left side with grey color (30%)

10. As a manager, I can see the list of customers have contacted to me so that I can know which customers have made chat with me.

- The list must be on the left side of page (60%)
- The card of customers has been contacted must have avatar and the name of customers (40%)
- When click the specific card, it must show the history chat of that specific customer (20%)

11. As a manager, I can see the messages content when I clicked on specific customer on the page.

- The chat must show the history of chat have made before (60%)
- The messages that made by me must be on right side with blue color (30%)
- The messages that made by customer must be on left side with grey color (30%)

Constraints

We will have 18 weeks or 6 sprints for demonstrating to the clients and will make change according to clients for each sprint.

As the individual, we may have to discuss with our clients for the scope of the project to keep the quality and time for this project.