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

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 present 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 helps 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. For each user story, I will target maximum 2 weeks for building the features and discuss with clients if needed change.

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 (50%)
    -   My username must have length from 8 to 32 (50%)
    -   First character in my username must not be a number (30%)
    -   My password must have length from 8 to 16 (50%)
    -   My password must have a capital letter and a special character. (30%)
    -   The birthdate will be chosen from the provided calendar. (30%)
    -   The phone number must only number and length is 10. (20%)
    -   If one of the conditions for username or password not meet requirements then the application will send the notification to retype the username or password until conditions are met. (10%)

- If the conditions for username and password are met then the system send a notifcation for successful registration, then direct to login page. (10%)

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.
Acceptance criteria:
- My username must have length start from 8 to 32, first character will not a number. (50%)
- My password must have length start from 8 to 16, must have capital and special characters. (50%)
- If the username or password not match compare to the system, the login will send a notification to type the username or password again. (20%)
- If the username and password match compare to the system then the login page will send a successful notification and then direct to customer dashboard page. (30%)

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. (40%)
- The user can see number of available tables when choose a particular time slot. (40%)
- Customer must be in a group of two people to eight people to make successful reservation. (30%)
- If customers group more than eight, the reservation will be modified by system and will be approved from the restaurants. (10%)
- The customer must only make 1 time slot for a day. (30%)

4. 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 needed approved by restaurants and send a notification for the status of reservation approved. (10%)
- I can type my phone number to get the notification when my reservation is near the time start indicated. (40%)
- I will receive the notification from the application if my reservation successful. (30%)

5. As a customer, I can get the notification when my reservation near the time slot that I chosed so that I can go to the restaurant on time.
- The notification will be send to my phone by using my mobile number. (40%)
- The notification will be sended in 1 hour before the starting time slot in my reservation (30%)
- The notification will be continued to send every 15 minutes after the first one sent (20%)
- The final notification will be sended at the starting time of my reservation time slot. (20%)

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

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.