

Study on Restaurant Table Reservation System (RTRS)

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MyTable is an online restaurant reservation system to help users and restaurants to automate reservation. The system will help customers to easily reserve tables anywhere anytime. Customers can easily see and select the table they want to reserve, like a seat in an airplane or cinema. The aims of this project are to provide results accurate, fast and with a minimum stress on the user, which provides a point of contact between customers and restaurant.

1 Introduction

MyTable is an online restaurant reservation system to help users and restaurants to automate reservation system. Customers can easily see and select the table they want to reserve, like a seat in an airplane or cinema.. The main purpose of this research is to help people with infant, handicap or people with special need to find a continent table to eat at without the need to go to the restaurant nor wait in line to order food, To provide the perfect tool for people who want to have a perfect plan for their eating time, business meeting, date, party etcetera.

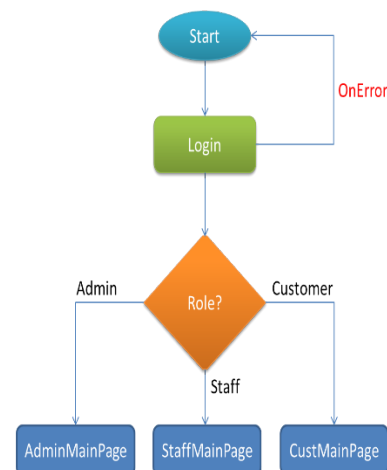
2 Related Works

In the United States of America, there is a similar successful website called Opentable.com but without the ability to view nor book the desired restaurant table. In Japan there is much deserved care for handicap people to be able to live as normal people, by taking this idea into hand, I decide to build and promote this Idea in Saudi Arabia and Japan to help people to dine outside.

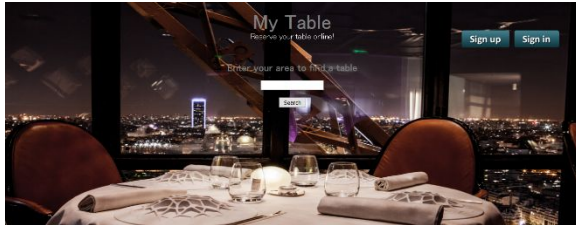
3 Overview of My Research:.

The main idea of how the system is going to work

The system is divided mainly into three main parts.



Main screen consist of search, registration for new users or staff and login option to get into system. Search button allow the users to search all restaurants in selected area and then choose individual restaurant to reserve selected table into it. Registration option allows users to register themselves with the system to utilize its feature



4. Current Outcomes:

Current research results

1. Add food ingredients list (for people with allergy)
2. dishes modification option
3. support of different languages
4. add of Hala food mark (for Muslim people to know where they can eat)
5. Prices in different currencies (for travelers)
6. Rating restaurant's atmosphere
7. Rewards for system users (to promote the system)

5. Sponsorship

After submitting the Idea to one of the restaurants promotion companies in Saudi Arabia, I got promise from them to get my Idea sponsored after submitting the user requirements to be studied and sponsored by them.

6 Future schedule

2018

Sep – Oct: Evaluate the project and midterm presentation results alongside improving the project.

Nov: Preparing the poster presentation + start writing the graduation thesis

Dec: poster presentation.

2019

Jan: finalizing the Graduation thesis and submit it

Feb: Final Presentation

7 Conclusion:

The Idea of restaurants table reservation system was appreciated by many people with special needs and their families which boost my motivation to complete this research. I am working on finishing the user requirement alongside making a survey to finalizes it.

References

1- <http://www.opentable.com/start/home>

2-

<http://arstechnica.com/apple/2008/11/opentables-iphone-app-makes-reservations-a-breeze/>