Software Requirements Specification

for

Project

Version 1.0 approved

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RESTURANT MANAGEMENT SYSTEM

SRS DOCUMENT

Part 1

Problem Statement OF RESTURANT MANAGEMENT SYSTEM

**INTRODUCTION :**

Restaurant is a kind of business that serves people all over world with ready-made food. But in our current situation we face a lot of problems and these problems are on both side on customer as well as restaurant side , like misunderstandings while we order food (from customers point of view) , Doubt on waiters (from Managers/Restaurant Point of view) , Stand in a Queue for a long period of time which is the most annoying thing (from customer point of view) so to avoid and overcome these silly mistakes we are making this Restaurant Management System Software which will save time of both customer and restaurant team .On the other hand it will help to run business with more efficiently than working manually. With the system customers can order food easily and order’s copy will go to the restaurant kitchen and on cash counter directly.

**FEATURES OF THE PROJECT:**

* User Login Option
* Allot Table No ,
* Food Categories
* Price of Foods
* Food Selection
* Order Options
* Aware of Order to Kitchen Room & Cash Counter
* Order Operation Failed Or Success Acknowledgment
* Billing Criteria

**ADVANTAGES OF THE SYSTEM :**

* Easy to use
* Easy to Order Food
* Easy to calculate Bill
* Fast Communication Between Restaurant &Clients .

Our project have basically mainly 5 actors which are as follows :

1. ADMIN
2. CASHIER
3. CHEF
4. WAITER
5. CUSTOMER

Our whole Project will be surrounded by these few actors which will run all the use cases . Now will elaborate all the use cases of these actors one by one .

* **Admin :**

Admin is the main core of our restaurant management system software who has the most and main actions to be performed . Now starting from the beginning our software will have the starting form which will ask the admin to login to proceed further work and allow access in system. If admin entered incorrect password then software will show an alarming message to admin to enter the correct password and will repeat until the correct password is not entered. When admin insert correct password then he will see different actions which can be performed like View reports manages and view all the activities of software . In view reports admin will be able to see and generate all the data of its customer who came in restaurant .admin will be able to change prices of the menu update menu can add new recipe In menu etc.

* **Chef :**

Chef is the second actor working in system which has several task to do which includes confirm order means that when any order of customer reach to him then chef will send an positive or negative acknowledgment return to customer after seeing ingredients . if ingredients are available to cook the desired recipe/food then chef will send positive acknowledgment if not then negative acknowledgment so that customer should aware of that and it will save the time of the customer and then customer can move to any other restaurant to eat desired food if its order is not made here. After giving the positive acknowledgment chef will cook food .

* **Waiter :**

Duties of waiter will be to take order from the customer who has visited restaurant and has the direct interaction with customer . when customer gives any order then cashier will accept the order and convey it ahead to cashier and then he will convey it to waiter so that order starts to cook without wasting any time . when the order is ready then chef will give order to waiter to serve the food to the customers and there is an IF condition is used that if any of the customer has ordered Arabic food then its compulsory for the waiter to also present A Soup to customers it’s a complementary to include Soup with Arabic food also.

* **Customer :**

Customer is the main and base actor of whole system. All the queries depends upon customer because this software is only made to entertain customers to work efficiently and fast. Customer will also use software and first of all system will need a login from customer also to allow access further and also show error message until correct password is not countered . After login In Software will show different options to customer . customer can check the table that is there any space left to entertained by the restaurant management or not after that they can check the menu which is been created by the admin . then after seeing menu customer will order food . customer can also setup his profile which can cashier also do . customer can update delete its profile within the restaurantpremises . customer can also give payments now there is an include condition is written it depends upon customer that which type of payment he is going to make it can by cash as well as Card also because management also allow and take Payment on card.

* **CASHIER :**

Last but not the least we have a cashier actor also which has the limitation to login first and can login if the correct password is entered .the cashier can setup profile of customers he has the access to make accounts and update them .cashier will order food to chef which is been ordered by the customer . when customer is done with the food then cashier will generate the fee bill according to order which will be proceeded to customer and customer can take/collect payments from customer . cashier can create reports of all the data history of customers / management / employees can generate all the records.