**Food Order & Delivery System**

***Great Indian Gourmet***  is an online food order and delivery company which has several outlets different cities in India. This organization collects orders from clients , forwards orders to respective restaurants ,collects foods and finally delivers items to clients. It collects payment from clients ,remits to Restaurants and keep a percentage as service charge for itself. Recently this company decides to introduce web based automations.

***The purpose of the System***

**The** followings are the important modules of the system

1. *Restaurtant Service*
2. Restaurant addition /deletion
3. *Customer Service*
4. Customer addition/ deletion & status modification
5. *Order Service*
6. Order Placing.
7. Bill Payment .

***Scope of the System***

The details of each modules are as follows:

1. **Restaurant Addition**:- Restaurants’ list is maintained as follows:-

|  |  |  |
| --- | --- | --- |
| Restaurent\_ID | Restaurent\_Name | Type |
| R1001 | ABC | Continental |
| R1002 | PQR | Indian |
| R1003 | XYZ | Multi-cuisine |

When a new restaurant is entered ID will be auto generated.

1. **Customer Addition:-** Customer information is maintained as follows:-

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Customer\_id | Customer\_Name | Address | Contact No | Email | Status |
| 124568921 | Bobb Haward | Raheja Nagar, Hyderabad | 7843567810 | [bobb@gmail.com](mailto:bobb@gmail.com) | Pending |
| 178461116 | Clare Miller | Anna Nagar,Chennai | 0443245186 | [clare12@yahoo,com](mailto:clare12@yahoo,com) | Cleared |
| 178461115 | Tom Hawk | WhiteField, Bangalore | 849452123 | [tomhawk@rediff.com](mailto:tomhawk@rediff.com) | Pending |
| 124566921 | John Brown | Andheri,Mumbai | 0226741245 | [john.brown@gmail.com](mailto:john.brown@gmail.com) | Cleared |
|  |  |  |  |  |  |

A new Customer can add himself/herself based on email id of Customer. Customer id will be auto generated. Status indicates payment status of last order. Status is of two types Pending or cleared. Default status is Cleared. When a Customer place an order, status automatically changed to Pending. When Customer made payment again Status returned to Cleared. No Pending Customer can go for new order.

1. **Order Booking:-** All Customer can place order. Before order , status of Customer will be checked, if status is pending then Order cannot be proceeded . Minimum order must be Rs 500. If Order value >= 2500 ->discount 2.5%, Rs5000 -> 5% and>= Rs 10000 -> 10%. Every order adds 10% of service charge & 12.5% GST on order value. After order finalization , status of Customer turns pending. Order number will be auto generated. Date of Order will be system date. The status of order will be either Waiting or Delivered. A Bill will also generated

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Serial\_number | Order\_No | Customer\_Id | Restaurant\_Id | Item\_Name | Quantity | Amount | Order\_Date | OStatus | PayStatus |
| 1 | 124557 | 124568921 | R1001 | Chicken Biryani | 3 | 450 | 10-08-2018 | Delivered | Paid |
| 2 | 124557 | 124568921 | R1001 | Mutton DoPiazza | 2 | 350 | 10-08-2018 | Delivered | Paid |
| 3 |  |  |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |  |  |

1. **Bill Payment: -** The module begins with Order Number as input, displays Order details. It asks for mode of payment, in case Credit/Debit card *card-number* is asked, in case of Net- Banking *transaction id* is requested or Cash. The date of payment will be system date. The status will be updated to clear for customer.

***System Presentation & User Interface :-***

The System will be developed based on Spring Boot application.

The User interfaces will be WebPages like Jsp pages/Angular

At Back end, MySQL database will be present.