**Restaurant Ordering/Rating System**

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**Done by**

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**Class 12 F1 February 2023**

**Bonafide Certificate**

(will be given by teachers–common for all)

**Acknowledgements**

(You may thank school management and other people who motivated and helped you in project work)

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**Introduction**

(Introduction to your project. Probably some preliminary information about the problem area you’ve chosen.)

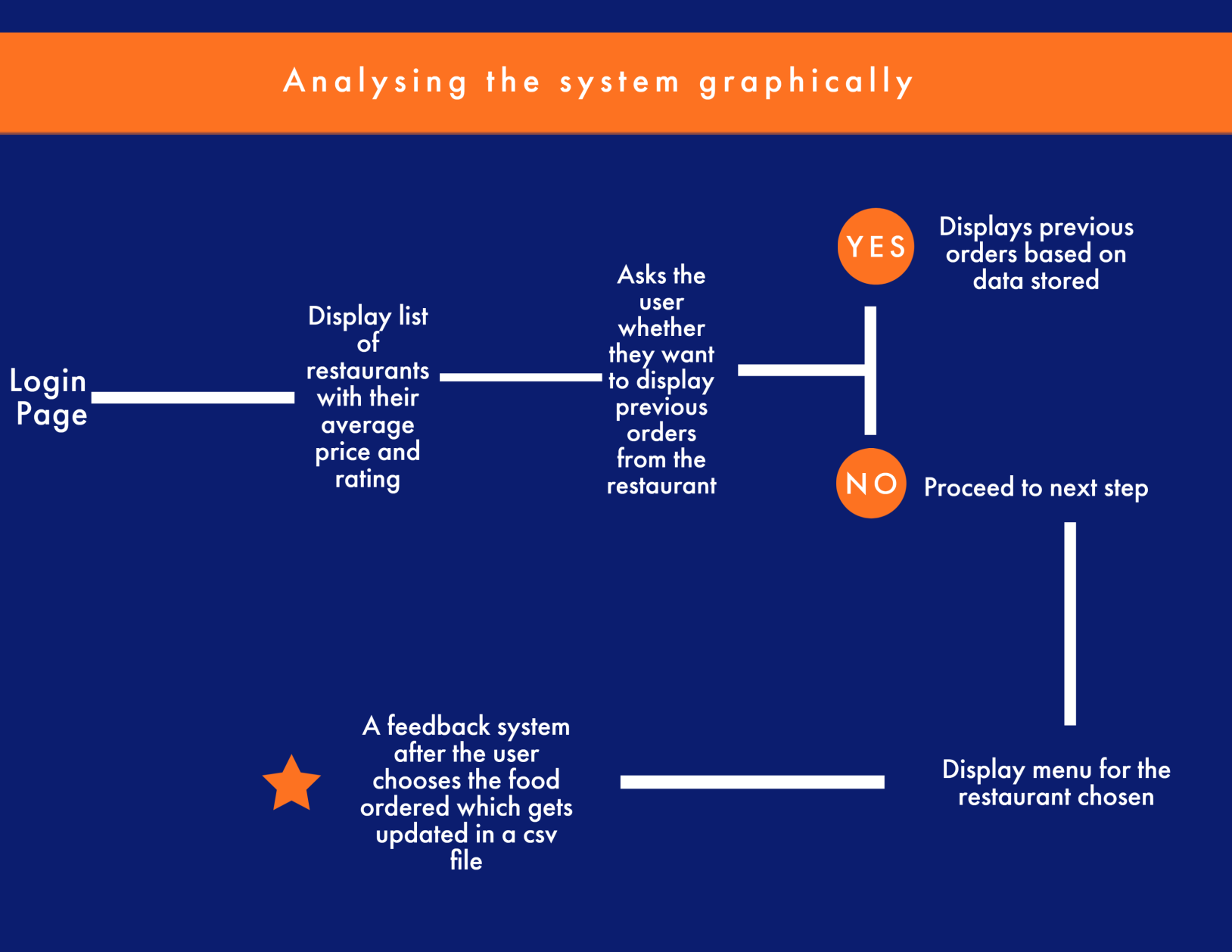
(Page number should start from this page )

Page 1

**Objective and Scope**

(Aim/Objective of your project, Project Description and Scope of the Project)

**System Design**



**List of Datasets and Storage Units**

**Files**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Purpose** |
| userdata.dat | Binary File | Used to store user  info(Username and  password) |
| data.csv | CSV File | Contains restaurant data  (Restaurant Name,Menu) |
| order.csv | CSV File | Contains real time order  data of user |
| rating.csv | CSV File | Contains user input  restaurant rating |
| ratingavg.csv | CSV File | Contains average rating  for each restaurant |
| restloc.csv | CSV File | Contains the restaurant name and their respective locations in Chennai |

**List of Global Variables and Functions**

**Global Variables**

|  |  |
| --- | --- |
| Global Variables | Purpose |
| restdict | Dictionary containing data of all  restaurants |
| phoneno | Contains the phone number of the user |
| ratingdict | Dictionary containing the rating of respective restaurants |
| restchoice | Contains the name of the restaurant  chosen by the user |
| averrest | Contains the average price of each restaurant |
| cart | Contains the list of food ordered by  the user |
| ratelist | Contains the ratings of each  restaurant |

**User Defined Functions**

|  |  |
| --- | --- |
| User Defined Functions | Purpose |
| entersite() | Function for login/sign up |
| getdata() | Function to get data from data.csv file |
| getrestloc() | Function to get the restaurant location |
| averrestau(restdict) | Function to get the averageprice of each restaurant |
| dispavg(averrest, restdict, getrestloc()) | Function to get the data for the restaurant which the user chose. |
| addtocart(restdict) | Function to get the order of the user |
| viewcart(cart) | Function to give the bill based on the order of the user |
| ratingscreate() | Function to create a file called ratefile which contains empty ratings in a particular format and provides rating in  list format |
| ratingsavg() | To write the rating provided by the user  to ratings.csv |

**Module Functions**

|  |  |  |
| --- | --- | --- |
| Module | Function | Purpose |
|  |  |  |
|  |  |  |
|  |  |  |

**Source Code**

(Code should be well documented.

Use Courier New, font size 12, 1.5 line spacing, black and white alone.)

**Sample Output**

( Screenshots demonstrating all the options in your project.)

**Challenges, Limitations and the Future**

(The Future  refers to any additional features that could be added to the project later.)

**Bibliography**

(Textbooks, reference books, links and other sources you’ve referenced that have helped in doing the project. Be specific -> “Google.com” cannot be a bibliography reference.)