

Food Places and Reviews

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Introduction

The Aim of the project is to provide an Interface for a user to view restaurants and their details (which includes Address, Menu, Ratings, Phone Number, Cost per Person) according to localities and also to provide the facility to the users of rating a restaurant (or more) and submit their reviews for the same.

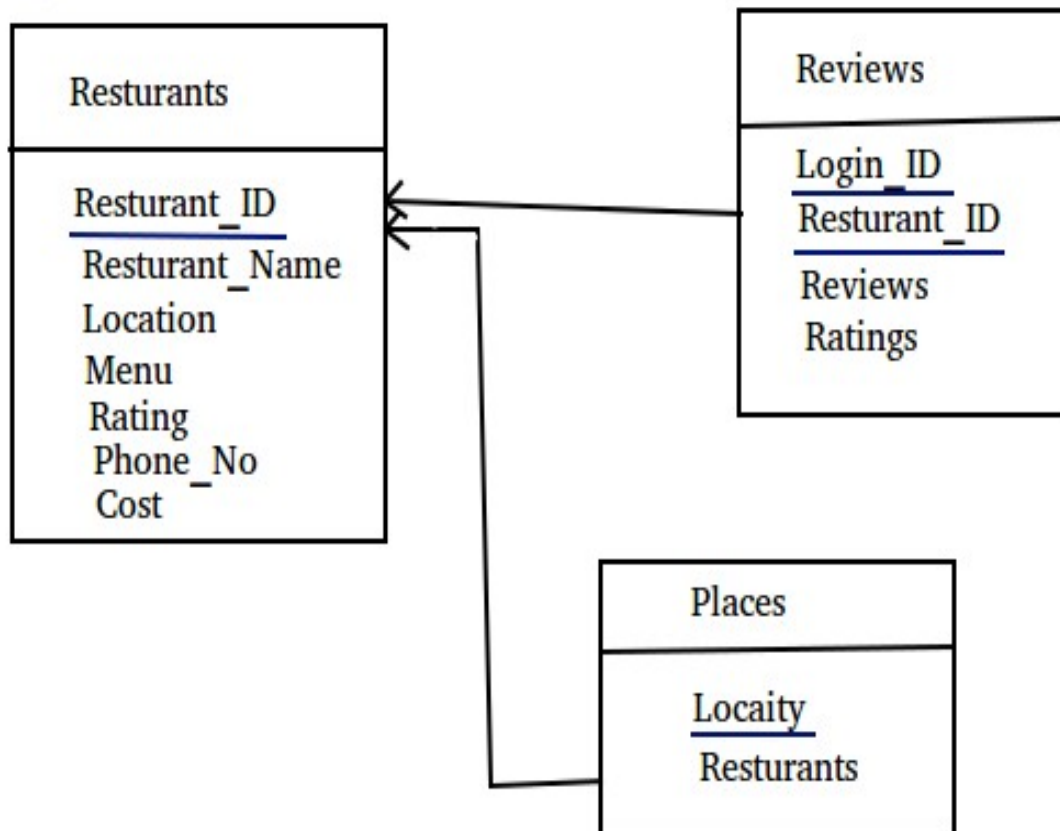
Databases used:

Locality: A table with relation containing restaurant Id's corresponding to a locality (say Powai).

Restaurant Details : Databases storing information about restaurant (entity) which includes restaurant Id's (Primary key), restaurant name, restaurant location, link of the Image of menu, Average rating, phone number, estimated cost per person.

Reviews: It stores all the reviews and ratings given by a user who give their valuable responses for a particular restaurant. It will include LoginId, restaurant Id, Review and rating.

Schema:



Interface Design:

Index Page:

The index page provides us with three options to login, create an account or login as admin.



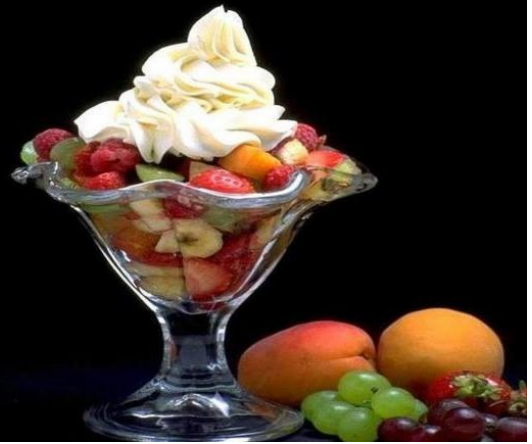
The image shows the index page of a web application titled "Food Places & Reviews". The background features a close-up of a sesame seed bun burger with lettuce, tomato, and cheese, alongside a whole red tomato and sliced onions. The page contains three main sections:

- Login:** A form with "Login ID" (containing "prince") and "Password" (containing "****") fields, and a "Submit" button.
- Create an account:** A section with "New Login ID" and "New Password" fields, "Submit" and "Reset" buttons.
- Login as admin:** A section with "Admin Login ID" and "Admin Password" fields, "Submit" and "Reset" buttons.

Create an account: The user can create an account here by providing a user id and password. This data is recorded in the database.

Your account has been created

[Go to login page](#)



Login: After creating the account, the user can login using the correct username and password.

Login as admin: This allows the admin to add restaurants and its details.

After login:

Search restaurants by locality (home.jsp): Here the user can search the locality for restaurants. The user selects a given locality from a drop-down menu and is then provided with a list of restaurants present in that locality.



Select any given restaurant (restaurantList.jsp): Here the user can see the list of restaurants present in that locality. Also the location and ratings of a restaurant are displayed here along with it. The user can click on any restaurant to view its details.

Restaurants in Andheri East

PizzaExpress	4.00
Andheri East	1
Unit 2, B Wing, Times Square Building, Andheri Kurla Road, Marol, Andheri East, Mumbai	
Click for Details	
5 Spice	0.00
Andheri East	0
Mithi Nadi, Sakinaka, Andheri East, Mumbai	
Click for Details	
Barbeque Nation	0.00
Andheri East	0
3, Ground Floor, Tower A, Times Square, Andheri-Kurla Road, Marol, Andheri East, Mumbai	
Click for Details	
Mainland China	0.00
Andheri East	0
Sakinaka Junction, Andheri Kurla Road, Sakinaka, Andheri East, Mumbai	
Click for Details	

Details of the restaurant (restaurantDetails.jsp): This page shows the location of the restaurant as given in google maps and the menu of the restaurant is provided. Also the phone number and cost per person is shown here. The user can rate the restaurant and submit a review about that restaurant.

5 Spice



Phone Number

022 28562186

Location

Mithi Nadi, Sakinaka, Andheri East, Mumbai

Cost per Person

₹ 550.00

Submit your

Review &

Rating

0.00

Rating

1

2

3

4

5

little costly but good

Submit

Menu

appetizers	
NON VEG APPETIZERS	
DRAWNS	
Black Pepper Prawns.....	275
Sizzled Chilly Prawns.....	275
Red Chilly Pepper Prawns.....	275
Puttaya Prawns.....	275
Five Spice Prawns.....	275
Golden Fried Prawns.....	275
Prawns Dry Garlic.....	275
Pepper Blasted Prawns.....	275
Dragon Prawns / Prawns Chilli Basil.....	275
Butter Pepper Garlic Prawns.....	275
Kung Pao Prawns / Sizzled Prawns.....	275
Crispy Ginger Prawns.....	275
Butter Seschan Prawns.....	275
Sweet Garlic Prawns Dry.....	275
Prawns with Dry Red Chilly.....	275
Beijing Prawns.....	275
Red Hot Prawns.....	275
Thai Pepper Prawns.....	275
Hunan Sesame Prawns.....	275
CHICKEN	
Dragon Chicken.....	285
Yan Panfried Chicken.....	285
Black Pepper Chicken.....	285
Red Chilly Pepper Chicken.....	285
Red Pepper Chicken.....	285
Chicken in Barbecue Sauce.....	285
Sizzling Chicken.....	285
Kung Pao Chicken.....	285
Po Wontons.....	285
Chicken Steamed Wontons / Chicken Fried Wontons.....	285
Carton Wontons.....	285
Crispy Chicken / Crispy Ginger Chicken.....	285
Chilly Chicken / Fu Chi Chicken.....	285
Crispy Thread Chicken.....	285
Mangolan Chicken (dry).....	285
Apple Chicken.....	285
Crispy Spinach Chicken.....	285
Pepper Chicken.....	285
Crispy Hunan Chicken.....	285
Shredded Chicken.....	285
Spicy Chicken Fingers.....	285
Chicken with Dry Red Chilly.....	285
Red Hot Chicken.....	285
Thai Pepper Chicken.....	285
Chilly Chicken.....	285
Dragon Chilly Chicken.....	285
FISH	
Black Pepper Fish.....	325
Fish Dry Garlic.....	325
Fish Chilli Basil / Dragon Fish.....	325
Kung Pao Fish.....	325
Red Pepper Fish / Puttaya Fish.....	325
Red Chilly Pepper Fish.....	325
Stir Fried Fish Black Bean Chilly.....	325
Pepper Blasted Fish.....	325
Five Spice Fish.....	325
Chilly Fish.....	325
Fish with Dry Red Chilly.....	325
Crunchy Chilly Fish.....	325

After Admin login:

The admin can add a restaurant to the database for the users to view it. The admin will provide all the details about the restaurant here.

Implementation details:

- At first, for every new account creation an entry is added to the database.
- At each login, the password is checked corresponding to the given restaurant by executing query.
- Then the user is allowed to login.
- To search for restaurants, when we select a locality, a query is run to find all restaurants in that locality. Next, all the location and ratings of the restaurants are fetched. Then the location of the restaurant of the restaurant is shown in the Google map.

Java classes:

Home.java:

- Contains connections to the database and also the functions for query execution

RestaurantDetail.java:

- Used to make an object to store data about each restaurant.

Servlets:

AddRestaurant.java:

- This takes response from addResaturant.jsp and calls addRestaurantDetail and addRestaurant from Home.java to add a new entry of restaurant in the tables restaurant and reviews.

ListRestaurant.java:

- This takes response from home.jsp and calls getRestaurants from Home.java and passes the response to restaurantDetails.jsp.

Reviews.java:

- This takes response from RestaurantDetails.jsp and calls addReview from Home.java to add a review and rating in reviews and restaurant tables.