Software Requirement Specification

Project : Food Places & Reviews

Akshay Kumar Meena(130050021)

Prince Vibek Baruah(130050034)

Rakshat Ranjan(130050044)

Data Stored

- *Places & Restaurant :* A table with nested relation containing a set of restaurant Id's corresponding to a locality (say Powai).

- *Restaurant Details :* Database storing information about restaurant 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 to a restaurant. It will include LoginId, restaurant Id, Review and rating.

Figures

- *No. of restaurants :* 100 (approx.)
- *Localities of Mumbai (eg. Powai, Chembur etc.)*
- *Rating system on a scale of 1 to 5*

Interfaces

- *Login Page :* It allows users to LogIn or skip for later.

- *Home Page :* It allows users to search for restaurants in different localities and will display the list of restaurants in that locality with their average rating and estimated cost per person. It will also provide the feature of sorting of restaurants according to rating or estimated cost per person.

- *Restaurant Page :* It displays the location of restaurant on google map, menu, phone number , location and would populate the list of reviews and corresponding ratings by the users. It would also allow user to submit his review and rating for the restaurant (if he/she has logged in).

- *Admin Interface :* It allows admin to add, delete, update restaurants and their details.

Back ends and Algorithms

- Sorting algorithm will be required to sort the restaurants according to their ratings and price.
- Google map API is required to display the location of restaurant on the google maps.
- Using Ldap authentication for logging in.