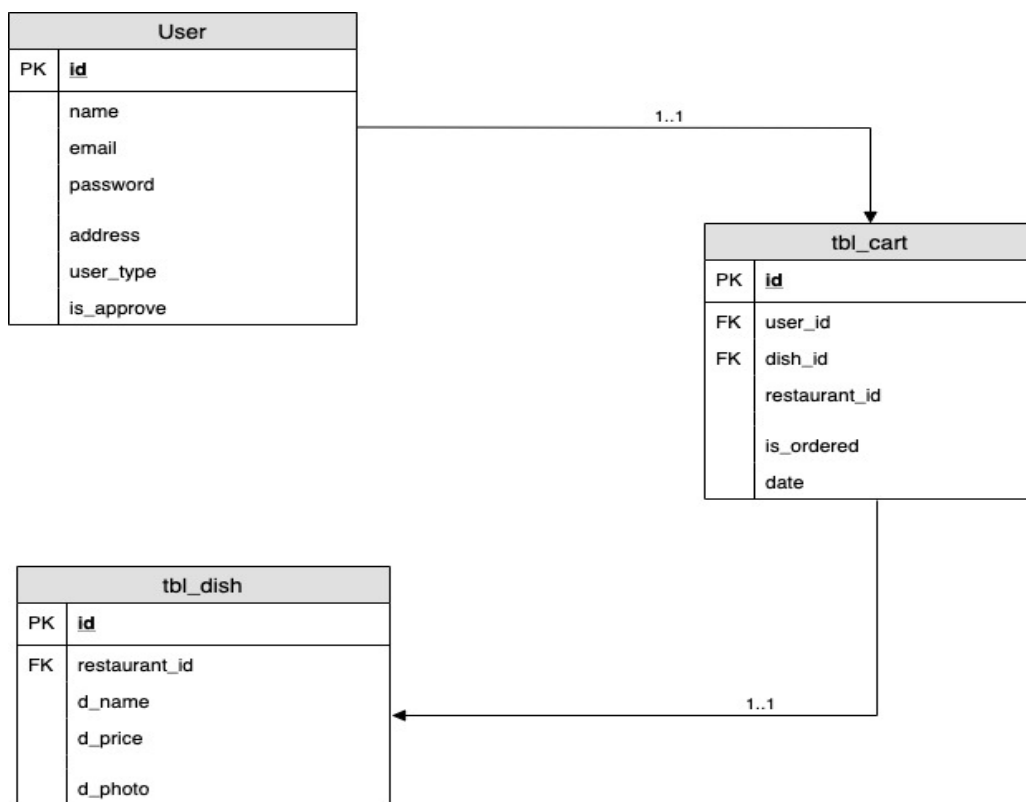*Assignment 2*

s5106018

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1.1   ERD Diagram:

11 Requirements were completed from the requirements list and all are mentioned below in detailed vise

1.2   Requirements that has completed

1. user can register with this website. when user registering, he/she must provide their name, email address, password, conform password and address. in addition, he/she can register as either a:

       a. Restaurant, or

       b. Consumer.

2. Registered users can login. Users can login or get to the login page from any page. link for the login page on the navigation bar. a logged in user can see his/her name top of the navigation bar and he/she can log out by clicking on that icon.

3. Only the restaurant users can add dishes to the list of dishes sold by his/her restaurant. They can also update or delete existing dishes. every dish has a name and a price. a dish name is unique for that particular restaurant and price must be a positive value. in addition, user can add a photo to the dish.

4. All users (including guests) can see a list of registered restaurants. They can click into any restaurant to see dishes this restaurant sells.

5. in dishes list in every restaurant, it only showing 5 dishes per page.

6. A restaurant (user) can see a list of orders customers have placed on his/her restaurant. and each order consist of the name of the consumer, address, that dish name that was ordered and the date that the order was placed.

9. when restaurant users add a new dish, the dish name must be unique for that restaurant

10. When restaurant users add a dish, she/he can upload a photo of that dish. this photo is displays when this dish displayed.

11. Consumers can add multiple dishes to a cart, see the contents in the cart (the sum of all dishes), remove any unwanted dishes, before purchasing these dishes. once purchased, this cart will be emptied.

13. Restaurants can view a statistic page which shows the sales statics for that restaurant. This page shows:

a. The total amount of sales (in dollar value) made by this restaurant.

b. The weekly sales total (in dollar value) for the last 12 weeks.

14. There is another user type called administrator. there is only 1 administrator which is created through seeder. the purpose of administrator is to approve new restaurant (users).

After a new restaurant user (account) is registered, she/he cannot add/remove dishes from his/her restaurant until this account is approved by the administrator. there is a page where the administrator can go to see a list of new restaurants that require approval, and to approve these accounts.

Requirements that has not completed

7. (single purchase) Only consumers can purchase a dish. Since we do not deal with payment gateways in this course, when user clicks on purchase, we simply assume the payment is successful and save the purchase order in the database. Then it will display the dish purchased, the price and the delivery address to let the user know the purchase is successful.

8. After user registration, login or logout appropriate redirections should be provided.

12. There is a page which lists the top 5 most popular dishes in the last 30 days.

1.2   Languages Used:

Website is created through HTML5 language mainly and PHP and Java language at some points. In case of designing the layout of the applications, html, bootstrap and css are proffered, which determines the looks, colors and design of web pages, script and buttons etc. Java script is use for algorithms at the client side while PHP is preferred at client side.

The main language to be used is CSS and HTML. It displays the page design of the applications, when client access application from server side, server uses the certain CSS codes depending upon the client needs.

Apart from other major functional configurations and settings, certain settings have been made to ensure security of the network. These are listed below:

1) User roles are restricted to create a 12-digit password with alphanumeric characters and symbols
2) Passwords are encrypted through hash algorithms
3) Display error value is set to be zero i-e display_error=0
4) PHP error is disabled
5) Form submissions are restricted through security policies

Peer Review: