Assignment 1: Dessert Mingle

**Federation University Australia at IIBIT (Sydney)**

**Sydney Campus**

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**COURSE NUMBER :**

**STUDENT’S GIVEN NAMES: KANCHAN SHRESTHA**

**STUDENT NUMBER FED UNI: 30344274**

**COURSE NAME: Dynamic web Development**

**PROGRAM OF STUDY: Bachelor of Information Technology**

**TITLE OF ASSIGNMENT: DESSERT MINGLE**

**DUE DATE: 10 MAY DATE SUBMITTED: 10 MAY**

**DECLARATION:**

I have kept a copy of this assignment/work so that I can produce it if the original is lost or damaged. I hereby certify that no part of this assignment/work has been copied from any other student’s present or previous, published or unpublished, professional or amateur work or from any other source except where due acknowledgement is made in the assignment. I further certify that no part of this assignment/work has been written/produced for me by any other person except where such collaboration has been authorized by the unit/subject lecturer/tutor concerned.

KANCHAN SHRESTA

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Signature of Student

**Note**: It is necessary to sign the above declaration. A lecturer/tutor or an examiner reserves the right not to mark this assignment/work if the declaration has not been duly signed.

# Sql queries to test database

Signup.inc.php > Check for the duplicate username

SELECT user\_id FROM User WHERE user\_id=?

home.php: >

24: $sql = 'SELECT id, title FROM Dessert';

26: $retval = mysql\_query( $sql, $conn );

matches.php: To find potential matches

13: $sql = "SELECT User.name, user-profile, GROUP\_CONCAT(dessert.title) AS interests,Count(dessert.title) as ndessert from User join likes on users.id

= likes.user\_id join dessert on dessert.id = likes.dessert\_id join users on users.id = likes.user\_id

where users.name = '$username') and users.id NOT IN (SELECT to\_user\_id from Message WHERE from\_user\_id = $userId)

GROUP BY users.name ORDER BY (ndessert) DESC";

18: $result = mysqli\_query($conn, $sql);

includes\login.inc.php:

15: $sql = "SELECT \* FROM User WHERE user\_id=? OR email=?;";

17: if (!mysqli\_stmt\_prepare($stmt, $sql)) {

includes\profile.inc.php: insert values into user database

75: $sql "INSERT INTO User (profile, photo\_url) VALUES(?, ?)";

77: if (!mysqli\_stmt\_prepare($stmt, $sql)) {

includes\signup.inc.php: // if the user is already taken

33: $sql = "SELECT user\_id FROM User WHERE user\_id=?";

35: if (!mysqli\_stmt\_prepare($stmt, $sql)) {

50: $sql "INSERT INTO User (username, email, password) VALUES(?, ?, ?)";

52: if (!mysqli\_stmt\_prepare($stmt, $sql)) {

# Completion of task

## Database creation DDL

Creation of Database Name ITECH3108\_30344275\_A1

Creation of Table : User, Dessert, Likes and Messages

Insertion of data: 5 users including 30344274 and tutor with password provided and 5 initial data to fill table

## User accounts

Creating of a signup page – Creating of a signup page to insert username, email and password to allow user to signup to create the new account and store the given values in the database

Validating email, validating username to avoid duplicate username

Hashing of password before inserting into database to make safe storage of password

Storing the given information in the database and then redirecting user to login page to login using the newly created credentials

Using of session to login and logout the current user

Creating a logout function for logging out and deleting all the session values

## Setting Interests

Allowing user to choose the profile picture and write about themselves

Select the desserts they like from the available list in the profile.php file

## Finding matches

Listing the user based on the overlapping interest

The users who donot have common shared items are not in the list of potential matches

The users with the most number of common desserts are sorted in the descending order

## Messages

Creation of a messages page (message.php) that displays the messages sent and received by the logged-in user, including the date and time for each message.

# Task Not completed

Each displayed match in the potentioal matches not sorted with match's name, photo but only with the profile text and name

## Aggregate Data

Top 3 most-liked items and Most popular day to send messages

# Assistance statement

Lab works from week 1 to 5:

Learned to Create basic form design and Input fields

Youtube channel : mmtuts

Link URL: <https://www.youtube.com/watch?v=LC9GaXkdxF8&list=RDCMUCzyuZJ8zZ-Lhfnz41DG5qLw&start_radio=1&t=6470>

I learned to create signup page and validating the username, password and email, from the video

Website: W3Schools.com

URL : <https://www.w3schools.com/php/>

This website helped me in handling form and uploading file to the website, and other function relating to PHP

Webstie; code.tutplus.com

URL: <https://code.tutsplus.com/tutorials/how-to-send-text-messages-with-php--net-17693>

Assisted me to code to send message to other user in message.php