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

**School of IT**

**Sydney Campus**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ITECH** | **3** | **1** | **0** | **8** |

**COURSE NUMBER :**

**STUDENT’S LAST (FAMILY) NAME: \_ \_Poudel\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**STUDENT’S GIVEN NAMES: \_ \_\_\_\_Madan\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**STUDENT NUMBER : 30338401**

**COURSE NAME: Dynamic Web Development**

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

**TUTOR: ALI ANAISSI**

**TITLE OF ASSIGNMENT: Assignment 1 - Computer Love**

**DUE DATE: 10th May, 2020 DATE SUBMITTED:10th May 2020**

**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certify that no part of this assignment/work has been copied from any other student’s present or previous, published or unpublished, professional or amateur work or from any other source except where due acknowledgement is made in the assignment.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.

----Madan------------------------------------------------------------

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.

1. **The SQL queries you used to test your database.**

**Login:**

"SELECT \* FROM user WHERE name = '$user' and password = '$pass'";

**Sign Up:**

"INSERT INTO user(id, name, email,password,profile, photo\_url) VALUES

('', '$username', '$email','$hash','','')";

**Select Interests:**

**To display all the computer**

**"**SELECT \* FROM computer ";

**To select the interests**

"INSERT INTO likes (user\_id,computer\_id) )";

**Message:**

"INSERT INTO message (from\_user\_id, to\_user\_id, message\_date, text) VALUES ('$from\_user\_id', '$to\_user\_id','$message\_date','$text')";

**Aggregate data:**

**Most Popular day**

"Select DAYNAME(message\_date)as weekDay, count(\*)

from message

GROUP BY DAYNAME(message\_date)

ORDER BY count(\*) DESC limit 1";

**The total number of messages sent on the site**

"SELECT \* FROM message";

**List of top three products**

"select c.title , count(\*) as 'NUMBER of likes'

from computer as c, user as u, likes

where computer\_id = c.id and user\_id = u.id

group by c.title

order by count(\*)

DESC limit 3";

**Profile:**

**View profile**

"SELECT \* FROM user where id=$sid";

**Edit Profile**

"UPDATE user SET profile='$profile', photo\_url='$photo\_url' WHERE id=' $sid'";

**Potential Matches:**

"SELECT user.name,user.profile,GROUP\_CONCAT(computer.title) AS interests,Count(computer.title) as ncomputer from user join likes on user.id

= likes.user\_id join computer on computer.id = likes.computer\_id where not user.name= '$username' and computer.title in

(Select computer.title from computer join likes on computer.id = likes.computer\_id join user on user.id = likes.user\_id

where user.name = '$username') and user.id NOT IN (SELECT to\_user\_id from Message WHERE from\_user\_id= '$userid' ) GROUP by user.name order by (ncomputer) DESC";

1. **A list of parts of the assignment you have completed or not completed.**

**Completed:**

* Initial data
* Creating the database
* Account sign-up
* Validation that password meets complexity requirements (at least 5 characters)
* Log in and Log out
* able to hash the password
* Edit profile text and photo URL
* Select interests
* Send a message to a user
* List messages from other users
* Top 3 most-liked items
* Most popular day to send messages
* Total number of message sent on the website
* Valid HTML5
* Layout, Structure , Indentation
* Appropriate and consistent naming scheme
* Initial data and test queries
* List of users based on overlapping interests
* List sorted appropriately
* Messaged users do not appear in matches

**Not Completed: All done**

1. **Details of specific assistance you received from people other than your lecturer or tutor, and the names of those assisting.**

Just from tutor.

1. **Anything interesting or cool you'd like to draw your marker's attention to.**

In the profile page (Profile.php), users can update their profile and the interesting thing about is that users can update their photo as well. User just need to put the link of photo and the updated photo will be displayed in the profile page.