Group - COMP 353_group_11

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UPDATES SINCE DEMO

Update 1
Required Functionalities- 6) Financial Management:
We have added the charging system for an event. Charges for an event are deducted from bank accounts of which the details are provided by the event manager.

Update 2
Consistency and Robustness- Use of checks to enforce business logic
We added check constraints in some tables. An example of check constraint in the comments table is

```sql
CHECK(
      (post_type = 'event' AND event_postid IS NOT NULL) OR
      (post_type = 'user' AND user_postid IS NOT NULL) OR
      (post_type = 'group' AND group_postid IS NOT NULL)
  ),
  CHECK (
          (event_postid IS NOT NULL AND group_postid IS NULL AND
user_postid IS NULL) OR
          (event_postid IS NULL AND group_postid IS NOT NULL AND
user_postid IS NULL) OR
          (event_postid IS NULL AND group_postid IS NULL AND user_postid
IS NOT NULL)
      )
```

The final change was to add the charge setting part for the events.

INSTALLING THE SYSTEM

You need to have a php and mySQL server to run the system. Therefore it is recommended to install a XAMPP Server. XAMPP is a free and open-source cross-platform web server. You can visit this link to download and install XAMPP on your machine. Once you have XAMPP installed and running follow these steps:

1) Copy all files and folder of the 'Project_Main' directory from the system. This directory contains all the necessary PHP files to run the system and required folders. Paste it in 'htdocs' folder of your XAMPP directory. The XAMPP directory is likely to be in C drive. Or wherever you installed it.

2) Now you have to set up the database. To do so, open MySQL on the XAMPP console. Type 'mysql' on the XAMPP console. When MySQL opens up, either copy-paste the entire content of 'Project_Main/sql/database.sql' or source this file on MySQL using the command 'source database.sql'. If you are using the second option, then make sure that 'database.sql' is located in the 'XAMPP/mysql/data' folder.

3) Now you have to connect the database to PHP files. The source code that is given to you already connects PHP to the database using the default username(root) and password. But if you have set up a username and password in MySQL then change this line in connection.php

```
$conn=new mysqli("localhost", "root", "");
```
To
```
$conn=new mysqli("localhost", "[your_username]", "[your_password]");
```

Now you are all set up, open the browser and go to http://localhost and run the system.

RUNNING THE SYSTEM

Fire up https://krc353.encs.concordia.ca in your browser to see this website working. You probably need a user name and password to see it. Username would be "krc253_2" and the password is "qNbKfe" (without quotes). You are redirected to the login page.

You can login as a system administrator, controller, or a normal user. The password for all of them is 12345. You can also register a new user through the signup form on the login page.

Information of all the users present in the system is as follows:

```
+------------------------+--------------+-----------+
| Name                   | UserID       | Password  |
+------------------------+--------------+-----------+
| Controller             | controller   | 12345     |
| Ed Woodward            | edward       | 12345     |
| Florin                 | florin       | 12345     |
| Harry                  | harry        | 12345     |
| Helen Geller           | helen        | 12345     |
| Jonathan Gonzalez      | jon          | 12345     |
| Maria Deplez           | maria        | 12345     |
| Mark Anthony           | mark         | 12345     |
| rajat                  | raj          | 12345     |
| Rajat Jaiswal          | rajat        | 12345     |
| Ron Weasley            | ron1         | 12345     |
| Sadia                  | sadia        | 12345     |
| Soumayyah              | soumayyah    | 12345     |
| System Administrator   | sysadmn      | 12345     |
| soumayyah              | Userid3      | 12345     |
+------------------------+--------------+-----------+
```

The UserID and password for System Administrator is "sysadmn" and "12345", respectively.

The UserID and password for Controller is "controller" and "12345", respectively.

List of files submitted

List of PHP files submitted

access_role.php

add_users.php

authenticate.php

CheckInDatabase.php

connection.php

controller.php

create_group.php

edit_event.php

edit_profile.php

event_details.php

event_post.php

events.php

group_post.php

groups.php

index.php

jquery-3.4.1.min.js

LeftColumn.php

login.php

logout.php

manage_event.php

manage_group.php

MessagingSystem.php

NewMessage.php

register_event.php

register_user.php

RightColumn.php

SendingProcess.php

sysadmn.php

system_emails.php

timeline.php

user_details.php

user_post.php

users.php

view_post.php

List of CSS files submitted

controller.css

edit_event.css

edit_profile.css

events.css

login.css

manage_event.css

messaging.css

register_event.css

timeline.css

users.css

View_post.css

List of SQL files submitted

databse.sql and populate.sql