



Assignment Answer Sheet

Campus	Pretoria	Faculty	IT
Module Code	ITECA	Module Name	
Student Name	Arno Moller		
Student Number	CC96ZRRS5		

Declaration

"I declare that this assignment is my own original work except for source material explicitly acknowledged, and that the same or related material has not been previously, or is being simultaneously, submitted for this or any other course. I also acknowledge that I am aware of the Institution's policy and regulations on honesty in academic work as set out in the Eduvos Conditions of Enrolment, and of the disciplinary guidelines applicable to breaches of such policy and regulations."

Start writing from here.

1.1 Coding:

```
A CREATE TABLE members (  
member_id INT PRIMARY KEY AUTO_INCREMENT,  
first_name VARCHAR(50) NOT NULL,  
last_name VARCHAR(50) NOT NULL,  
phone_number VARCHAR(20) NOT NULL,  
email VARCHAR(100) UNIQUE NOT NULL,  
password VARCHAR(100) NOT NULL,  
fitness_goals VARCHAR(200) NOT NULL,  
workout_schedule VARCHAR(200) NOT NULL,  
fitness_level VARCHAR(50) NOT NULL  
);
```

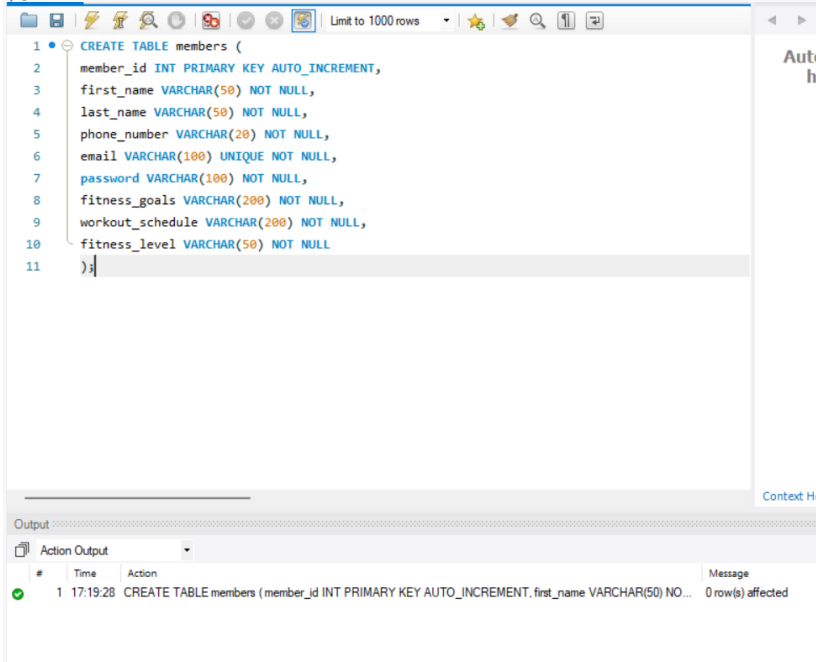


Figure 1 Mysql table

```
b. INSERT INTO members (first_name, last_name, phone_number, email, password, fitness_goals,  
workout_schedule, fitness_level)  
VALUES ('Arno', 'Moller', '0781111828', 'acc96zrrs5@vossie.net', 'password', 'lose weight', 'Monday,  
Wednesday, Friday', 'beginner');
```

```
1 INSERT INTO members (first_name, last_name, phone_number, email, password, fitness_goals, workout_schedule, fitness_level)  
2 VALUES ('Arno', 'Moller', '0781111828', 'acc96zrrs5@vossie.net', 'password', 'lose weight', 'Monday, Wednesday, Friday', 'beginner');  
3
```

```
C. SELECT email, password FROM members WHERE email = 'acc96zrrs5@vossie.net';
```

```
1 SELECT email, password FROM members WHERE email = 'acc96zrrs5@vossie.net';
```

```
d. SELECT first_name, last_name, fitness_goals, workout_schedule, fitness_level FROM members WHERE email
= 'acc96zrrs5@vossie.net' AND password = 'mypassword';

1 SELECT first_name, last_name, fitness_goals, workout_schedule, fitness_level
2 FROM members WHERE email = 'acc96zrrs5@vossie.net' AND password = 'mypassword';
```

```
email = POST['email'];
password = POST['password'];
```

```
sql = "select+ FROM members where emails = 'email' AND password =
'passworrd'";
result = mysql_query(mysql_num_rows(result)>0)
{
row = mysql(result)
first_name = row['first_name'];
last_name = row['last_name'];
fitness_goals = row[' fitness_goals'];
workout_schedule = row['workout_schedule'];
fitness_level = row['fitness_level'];
echo "Welcome first_name last_name! your fitness_goals are: your workout
schedule is: your fitness_level.";
}
else
{
echo "incorrect email or password. please try again";
}
email = POST['email'];
password = POST['password'];
sql = "select+ FROM members where emails = 'email' AND password = 'passworrd'";
result = mysql_query
if(mysql_num_rows(result)>0)
{
row = mysql(result)
first_name = row['first_name'];
last_name = row['last_name'];
fitness_goals = row[' fitness_goals'];
workout_schedule = row['workout_schedule'];

last_name = row['last_name'];
fitness_goals = row[' fitness_goals'];
workout_schedule = row['workout_schedule'];
fitness_level = row['fitness_level'];
echo "Welcome first_name last_name! your fitness_goals are: your workout schedule is: your fitness_level.";
}
else
{
echo "incorrect email or password. please try again";
}
```

Website:

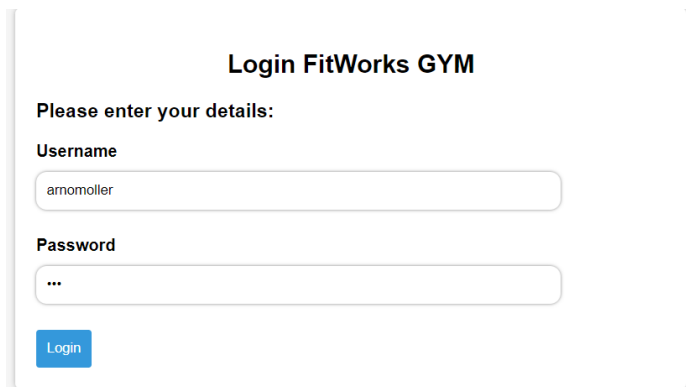
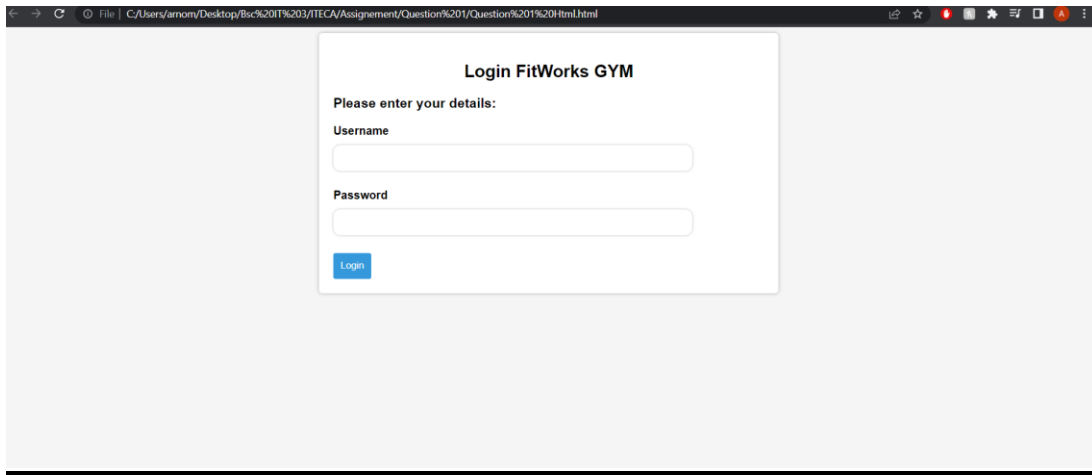
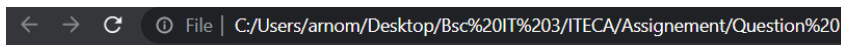


Figure 2 Inserting correct username and password.

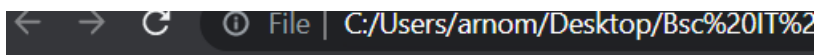
Figure 3 Login Page



Welcome Arno Moller!

You have successfully logged in.

Figure 4 when successfully logged in.



Incorrect Details Provided!

Please provide correct details

Figure 5 When incorrect details are provided

Code:

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Login Page</title>
5 <style>
6 body {
7     background-color: #F5F5F5;
8     font-family: Arial, sans-serif;
9 }
10 .container {
11     max-width: 600px;
12     margin: 0 auto;
13     padding: 20px;
14     background-color: #FFFFFF;
15     border-radius: 5px;
16     box-shadow: 0px 0px 5px 0px rgba(0,0,0,0.3);
17 }
18 h2 {
19     text-align: center;
20     margin-bottom: 20px;
21 }
22 label {
23     display: block;
24     font-weight: bold;
25     margin-bottom: 10px;
26 }
27 input[type="text"], input[type="password"] {
28     display: block;
29     width: 80%;
30     padding: 10px;
31     margin-bottom: 25px;
32     border: none;
33     border-radius: 10px;
34     box-shadow: 0px 0px 3px 0px rgba(0,0,0,0.5);
35 }
36 input[type="submit"] {
37     background-color: #3498db;
38     color: #FFFFFF;
39     padding: 10px;
40     border: none;
41     border-radius: 3px;
42     cursor: pointer;
43 }
44 input[type="submit"]:hover {
45     background-color: #2980b9;
46 }
47 </style>
48 </head>
49 <body>
50 <div class="container">
51 <h2>Login FitWorks GYM </h2>
52 <h3>Please enter your details:</h3>
53
54 <form action="/login" method="POST">
55 <label for="username">Username</label>
56 <input type="text" id="username" name="username" required>
57 <label for="password">Password</label>
58 <input type="password" id="password" name="password" required>
59 <input type="submit" value="Login">
60 </form>
61 </div>
62 </body>
63 </html>
```

Figure 6login page html code

Bibliography

- Clifford Stein , Robert Drysdale, Kenneth Bogart. (2011). *Discrete Mathematics for computer scientists* . United states of America: Pearson Education.
- Gaddis, T. (2013). *Starting out with Programming Logic & Design*. United states: Pearson Education.
- Hagarty, R. (2002). *Discrete Mathematics for computing*. Malaysia: Pearson Education limited.
- Kolman, B. (1997). *Introductou Linear Algebra with applications*. New Yersey: Prentice -Hall, Inc.
- RichardJohnsonbaugh. (2009). *Discrete Mathematics*. United states of America: Pearson Education.
- Laudon, K. and Traver, C. 2020. E-Commerce 2020-2021: Business. Technology and Society, Global Edition, 17th Edition. Pearson UK
- Nixon, R. 2021. Learning PHP, MySQL & JavaScript: With jQuery, CSS & HTML5. 6th edition. O'Reilly Media, Inc.

Nixon, R. 2015. Learning PHP, MySQL & JavaScript: With jQuery, CSS & HTML5. 4th Edition. O'Reilly Media, Sebastopol.

Schneider, G.P. 2017. Electronic commerce. 12th Edition. Cengage Learning, Boston

Afuah, A. and Tucci, C.L. 2000. Internet business models and strategies. 2nd edition. Pretoria: University of Pretoria.

Andersson, E.A., Greenspun, P. and Grumet, A. 2006. Software engineering for Internet applications. Cambridge: MIT Press.

Campbell, B. and Darnell, R. 1997. Teach yourself dynamic HTML in a week. Indianapolis: SAMS.

Chaffey, D. 2002. E-business and e-commerce management: strategy implementation and practice. 3rd edition. England: Pearson Education.

Deitel, H.M.; Deitel, P.J. and Nieto, T.R. 2001. E-business and e-commerce: how to program. New Jersey: Prentice Hall.

Laudon, K.C. and Traver, C.G. 2013. E-commerce 2014. New York: Prentice Hall.

Turban, E., King, D.R. and Lang, J. 2009. Introduction to e-commerce. New Jersey: Prentice Hall.

Ullman, L. 2014. PHP and MySQL for dynamic websites: Visual QuickPro guide. Berkeley: Peachpit Press.

Welling, L and Thomson, L. 2017. PHP and MySQL Web Development. Addison-Wesley Professional.

Complete Full Stack Website Development PHP. 2021. [Online] Available at: https://www.youtube.com/watch?embed=no&v=jrYUUKh_IKg. [Accessed: 13 December 2022]

HTML Forms and PHP. 2021. [Online] Available at: <https://www.youtube.com/watch?embed=no&v=2HVKizgcfjo>. [Accessed: 13 December 2022].

