



Fitness Zone

Everything is hard before it is easy.

Course: OOP2

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Institute Name: AIUB

Group: 09

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Title Page

- Title of the Report: "Fitness Zone Project Report"
- Date of Submission: 28-8-23

Introduction

In today's fast-paced world, health and fitness have taken on an ever-increasing importance. As more individuals recognize the value of maintaining a healthy lifestyle, the demand for well-equipped and efficiently managed gyms has grown significantly. This project introduces a comprehensive Gym Management System that aims to streamline the operations of a modern fitness center, catering to both gym administrators and members.

In my project, we use different type of toolbox like:

- ❖ textbox
- ❖ label
- ❖ pictureBox
- ❖ comboBox
- ❖ DataGridViewbox, etc.

Functional Requirements

Sign Up and Login:

Gym owner and gym instructor can login through their account and they can remove the customer information who did not pay and also update customer information. They can also insert new customer information.

Customer can also create an account, but they cannot access those things of Owner and Instructor activities. Customers can also pay the bill by online. Any one can see the owner and gym trainer information, gym location, gym contact etc.

Database Connection

I use the database connection for creating the CRUD operation, registration and login person.

Our gym Owner is MD Nazmul Hossain. His username is nazmul and password is 1100.

Our gym trainer is Raihan Parvez. His user name is raihan and password is 1111. Our gym trainer is foisal. His user name is faisal and password is 0000.

Login Form SQL:

```
SELECT TOP (1000) [username]
      ,[password]
FROM [Login].[dbo].[New_login]
```

Registration From SQL:

```
SELECT TOP (1000) [first_name]
      ,[last_name]
      ,[username]
      ,[email]
      ,[weight]
      ,[address]
      ,[number]
      ,[gender]
      ,[age]
      ,[data]
FROM [Login].[dbo].[registration]
```

Payment Form SQL:

```
SELECT TOP (1000) [first_name]
      ,[last_name]
      ,[pay_method]
```

```
        ,[type]  
        ,[amount]  
        ,[call]  
        ,[date]  
FROM [Login].[dbo].[payment]
```

Curd Operation SQL:

```
SELECT TOP (1000) [id]  
        ,[name]  
        ,[number]  
        ,[age]  
FROM [Login].[dbo].[Curdfix]
```

Conclusion

By doing this project, it is very help full for me to know different toolbox, properties, SolutionExploer, Sql Connection, designing etc. I think it will be very help full for my future work.

References

My course teacher's regular lecture was help me a lot for completing the project. And I also saw some youtuber video tutorial.