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GYM MANAGEMENT SYSTEM

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Proposal Project
Assignment #1

Introduction

Gyms are become the essential part of our lives, providing best exercise and body building facilities to our society. Therefore, at the management end there are some necessary steps to maintain the records of every individual. But maintaining the records on paper is very difficult. So, it is necessary to have a computerized system that manages all these issues. Thus working on the management system for Gym Industry are the basis of my project. The data model of this project was created in MySQL. It will store information in the Microsoft SQL database. For user interface, C# with Windows Forms will be used.

List of Objects

The project mainly consists of following entities.

1.Manager

2.Exercises

3.User



4.Exercise Program

5.Diet Program

Detailed Functions

1.Manager

Function Name	Description
manager_id	Manager id number
user_name	Username of the manager
password	The password of the manager

2.Exercises

Function Name	Description
exercise_id	Exercise id number
exercise_name	Name of the exercise
exercise_area	The area of the body where the exercise will be performed
exercise_index	Index of the exercise

3.User

Function Name	Description
user_id	User id number
name_surname	Name of the user
mail	The email address of the user
password	The password of the user
registration_start	User's registration start date
registration_end	User's registration end date

4.Exercise Program

Function Name	Description
exercise_program_id	Id number of exercise program
person_id	Person id number
day	Day of the exercise
area	The area of the body where the exercise will be performed
movement	Name of the exercise movement
set_number	How many sets the exercise is
repetition	How many repetitions will happen

5.Diet Program

Function Name	Description
diet_id	Id number of diet program
user_id	User id number
breakfast	What to eat for breakfast
mid_morning	What to eat for mid-morning
lunch	What to eat for lunch
afternoon	What to eat for afternoon
dinner	What to eat for dinner
snack	What to eat for snack
breakfast_hour	Time for breakfast
mid_morning_hour	Time for mid-morning meal
lunch_hour	Time for lunch
afternoon_hour	Time for afternoon meal
dinner_hour	Time for dinner
snack_hour	Time for snack
starting_date	Diet start date
due_date	Diet end date

