CS-2005: DATABASE SYSTEMS

PROJECT REPORT

MILESTONE 3

Group Members

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EXPLANATION

1. The app starts off by a signup / login choice page. There are different signup pages for members and other 3 types of users. But the login page is the same for all users.

2. Members can do the following: View past appointments, submit new appointment proposals for approval by trainers, view and select plans, create custom plans and associated objects like exercises and meals, provide feedback on trainers.

3. Trainers can do the following: View past appointments, accept pending appointments, create new appointments, view plans, create custom plans and associated objects, view the feedback submitted on them.

4. Gym Owners can do the following: Add and remove trainers from their gyms, remove members from their gyms, submit their gym for approval by an admin.

5. Administrators can approve pending gyms or revoke the active status of an already approved gym.

TABLES

Users
Member
Owner
Admin
Gym
Feedback
Appointment
Dietplan
Workoutplan
Trainer_gym
Trainer_request
Machine
Exercise
Exercise_Machine
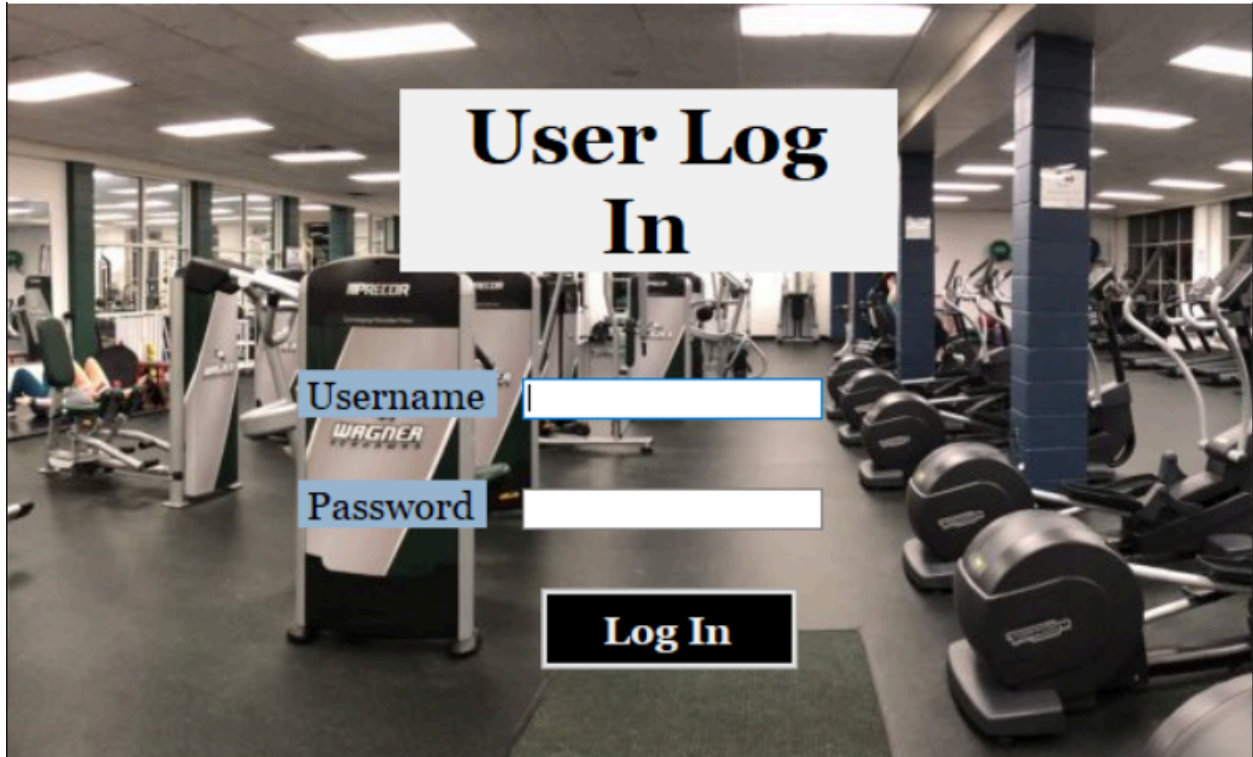Meal
Allergen
Workout_Exercise
Dietplan_Meal
Meal_Allergen
AuditLog

SCREENS

SignUp / Login

User Log In

Username [   ]

Password [   ]

Log In

Member Sign Up

Username: [   ]

Password: [   ]

First Name: [   ]

Last Name: [   ]

Contact: [   ]

Membership: [   ]

Diet: [▼]

Workout: [▼]

Gym: [▼]

Sign Up!

User Sign Up

Username:

Password:

First Name:

Last Name:

Contact Number:

User Type:

Sign Up!

Member & Trainer Interface

Profile	Appointments	ViewPlans	Creations	CustomPlans	Fee ◂ ▸

Profile

Username: mia_torres

Contact: +1333444555

First Name: Mia

Last Name: Torres

Workout Plan: Strength Training

Diet Plan: Vegan

Gym: BodyTech

Log Out

| Profile | Appointments | ViewPlans | Creations | CustomPlans | Fee | ‹ | › |

History **Create New**

Past Appointments

appointmentid	trainerid	memberid	date
1	1	1	5/11/2024 2:15 PM
2	2	2	5/11/2024 2:15 PM
4	4	4	5/11/2024 2:15 PM
6	6	6	5/11/2024 2:15 PM
9	14	29	5/11/2024 10:14 ...
10	14	23	5/11/2024 10:16 ...
11	14	22	5/11/2024 10:17 ...

| Profile | Appointments | ViewPlans | Creations | CustomPlans | Fee | ‹ | › |

History **Create New**

New Appointment

Trainer Name: [▾]

Date and Time: [Sunday , May 12, 202 ▾]

Book

Profile	Appointments	ViewPlans	Creations	CustomPlans	Fee	◂	▸

Diet Plan	WorkOut Plan

Current Diet Plans List

Plans: [▾]

Select

Profile	Appointments	ViewPlans	Creations	CustomPlans	Fee	◂	▸

Diet Plan	WorkOut Plan

Current Workout Plans List

Plans: [▾]

Select

Creations (same in Member / Trainer)

Profile	Appointments	ViewPlans	Creations	CustomPlans	Fee ◄ ►

Meals	Allergens	Add Allergen to Meal	Add Meal to Plan	Exercises	A ◄ ►

Meal Creation

Name:		Proteins:	
Portion Size:		Carbs:	
Fats:		Calories:	

Create Meal

Profile	Appointments	ViewPlans	Creations	CustomPlans	Fee ◄ ►

Meals	Allergens	Add Allergen to Meal	Add Meal to Plan	Exercises	A ◄ ►

Create Allergen

Allergen Name:

Create Allergen

Add Allergens To Meal

Allergen Name: [　　　　　　 ▾]

Meal Name: [　　　　　　 ▾]

Add Allergen

Add Meal to Diet Plan

Plan Name: [　　　　　　 ▾]

Meal Name: [　　　　　　 ▾]

Add Meal

Exercise Creation

Exercise Name: [   ]

Muscle Group: [   ]

Create Exercise

Add Machine to Exercise

Exercise: [▾]

Machine: [▾]

Add Machine

Add Exercise to Plan

Plan Name: [⌄]

Exercise: [⌄]

Add Exercise

Diet Plan Creation

Name: [ ]

Type: [ ]

Purpose: [ ]

Nutrition Value: [ ]

Create

Create Diet Plan | Create Workout Plan

Workout Plan Creation

Plan Name:	
Sets:	
Reps:	

Create Plan

Feedback Submission (Member)

| Appointments | ViewPlans | Creations | CustomPlans | FeedBack | ◄ ► |

Trainer Feedback

Trainer Name: [▼]

Rating: [0   ▲▼]

Feedback: [   ]

Submit

Received Feedback (Trainer)

Appointments	View Plans	Creations	Custom Plans	Feedback	‹	›

Feedback Received

Appoint Management (Trainer)

History | **View Pending** | Create New

Pending Appointments

appointmentid	username	trainerid	date
3	noah_owner	3	5/11/2024 2:15 PM
5	jacob_owner	5	5/11/2024 2:15 PM
7	mia_torres	13	5/16/2024 4:49 PM
8	william_martinez	8	5/11/2024 10:13 ...
12	mia_torres	12	6/13/2024 9:19 AM

Pick ID

↓

Accept

Reject

Appointments | **View Plans** | **Creations** | **Custom Plans** | **Feedback** | ◂ | ▸

History | **View Pending** | **Create New**

New Appointment

Member Name: [⌄]

Date and Time: [Sunday   ,   May   12, 20: ⌄]

Book

Trainer Application to Gym

Trainer Application

Gym Name:

Apply!

Admin Interface

Approve Gym

Gym: [▼]

Approve

Remove Gym

Gym: [▼]

Revoke

Owner Interface

New Gym

Name: [   ]

Location: [   ]

Members: [   ]

Submit

New Trainer

Username: [   ]   **Contact:** [   ]

Password: [   ]

First Name: [   ]   **Add!**

Last Name: [   ]

Pending Applications

requestid	trainer_name	gymName

Pick ID

↓

Accept

Reject

Member | Trainer

Revoke Membership

Username:

Remove

Member | Trainer

Revoke Trainership

Username: [⌄]

Remove