

# HACETTEPE UNIVERSITY

## COMPUTER ENGINEERING DEPARTMENT

### BBM 473 – DATABASE MANAGEMENT SYSTEMS LABORATORY PROJECT PHASE-4

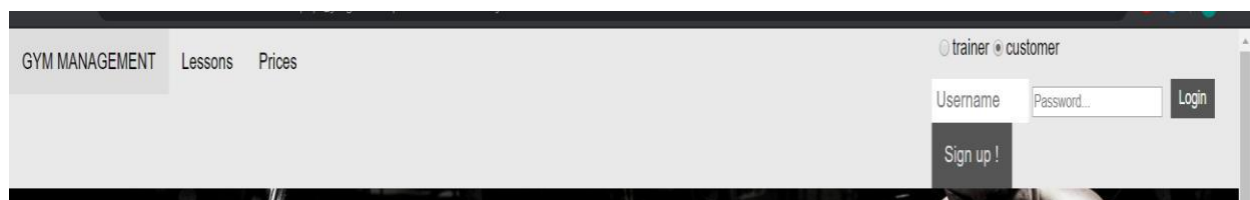
**Subject:** Database Based Web and Desktop Application

**Advisor:** Res. Assist. (Nebi Yılmaz , Merve Özdeş )

#### WEB APPLICATION OF GYM MANAGEMENT

##### Customer Signup Interface

If customer doesn't have an account , he/she can't login instead can easily sign up and enroll the system by this interface. During the process of signing up , customer gives some information about himself/herself.(personal information , payment information , ailments, etc). Checkbox is created dynamically and fetches the data from database.



Sign-up button redirects user to sign-up page.

Customer and trainer usernames stored in database with 't\_' or 'c\_' prefixes to better performance during querying database. But customers and trainers don't create username with prefix. It is done automatically.

## Sign up

Please fill in this form to create an account.

### Phsical Alignments

- ☐ acute rheumatic fever
- ☐ asthma
- ☐ cardiac disease
- ☐ epilepsy
- ☐ gestation
- ☐ hernia
- ☐ hypertension

### Phsical Alignments

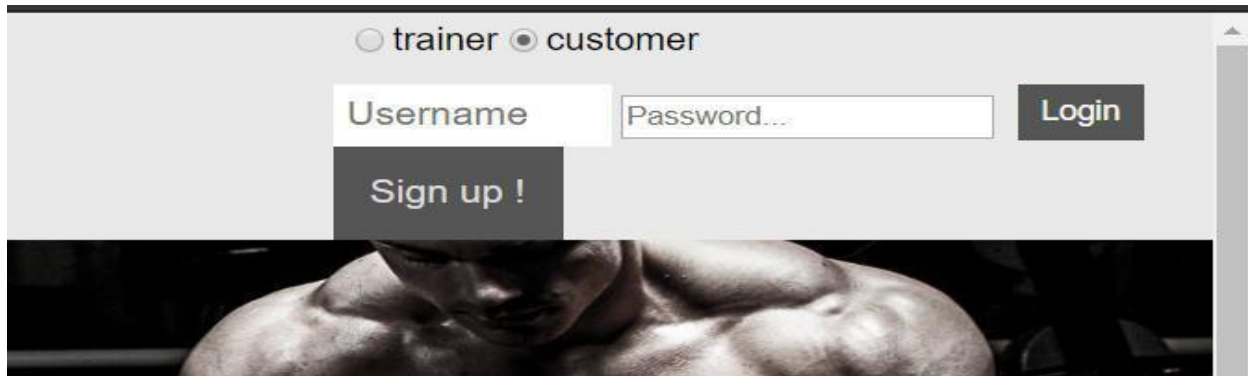
- ☐ acute rheumatic fever
- ☐ asthma
- ☐ cardiac disease
- ☐ epilepsy
- ☐ gestation
- ☐ hernia
- ☐ hypertension
- ☐ meniscus
- ☐ skolyoz
- ☐ stable angina

Signup

Home

## User Login Screen

Since there are two user types in this system beside admin , web application should also support different types of logins. Login as trainer or customer is the types of login and user should select the login type.

A screenshot of the user login screen. At the top, there are two radio buttons: 'trainer' (unselected) and 'customer' (selected). Below these are two input fields: 'Username' and 'Password...'. To the right of the password field is a 'Login' button. Below the username field is a 'Sign up !' button. The background of the login form is a light gray, and below it is a dark image of a muscular man's torso.

## Encryption of Passwords

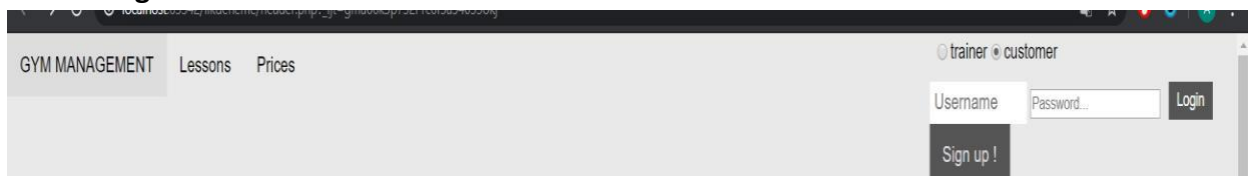
User passwords ( both for trainers and customers) stored with encryption in password.

UsernameID	Name	Surname	StartDate	EndDate	Password
c_fernando	Fernando	Mitchell	2020-02-03 07:32:20	2022-02-02 00:28:22	a665a45920422f9d417e4867efdc4fb8a04a1f3f..
c_fernando1	Fernando	Elliott	2020-02-03 07:32:20	2023-02-02 00:28:22	a665a45920422f9d417e4867efdc4fb8a04a1f3f..
c_jackie	Jackie	Lawrence	2020-02-03 07:32:21	2022-03-02 00:28:22	a665a45920422f9d417e4867efdc4fb8a04a1f3f..
c_jennifer	Jennifer	Yilmaz	2020-02-03 07:32:27	NULL	a665a45920422f9d417e4867efdc4fb8a04a1f3f..
c_kamil	Kamil	Kamiloglu	2020-02-03 07:32:27	2022-03-02 00:28:22	a665a45920422f9d417e4867efdc4fb8a04a1f3f..
c_korav	Korav	O'Rvan	2020-02-03 07:32:20	2022-03-02 00:28:22	a665a45920422f9d417e4867efdc4fb8a04a1f3f..

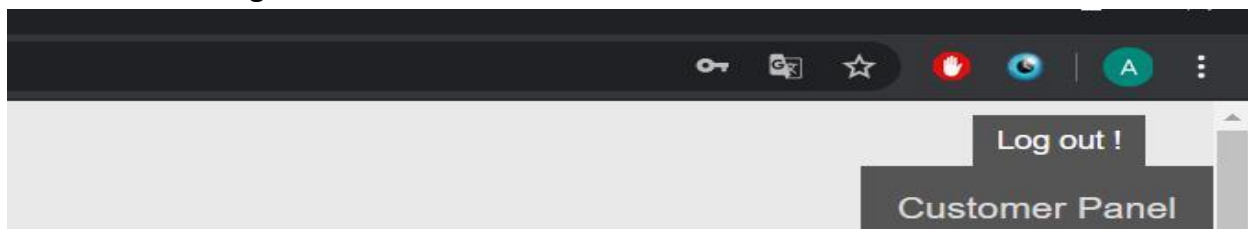
## Authorization module

After login there are different types of interfaces for customer and trainer.  
Not only the main page but they have their own customized panel .  
Difference starts just after login in main page.

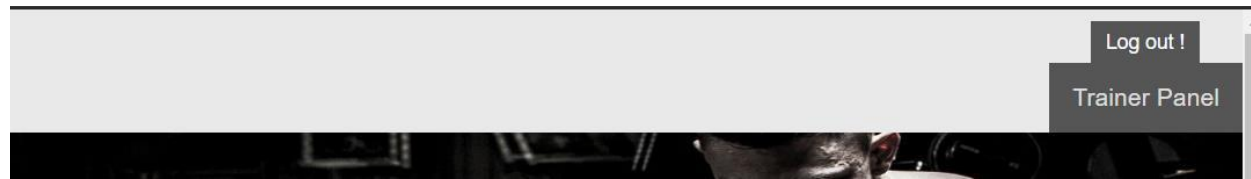
## Before Login

A screenshot of the web application interface before login. The top navigation bar has 'GYM MANAGEMENT', 'Lessons', and 'Prices'. On the right, there are radio buttons for 'trainer' and 'customer' (selected). Below these are 'Username' and 'Password...' input fields, a 'Login' button, and a 'Sign up !' button.

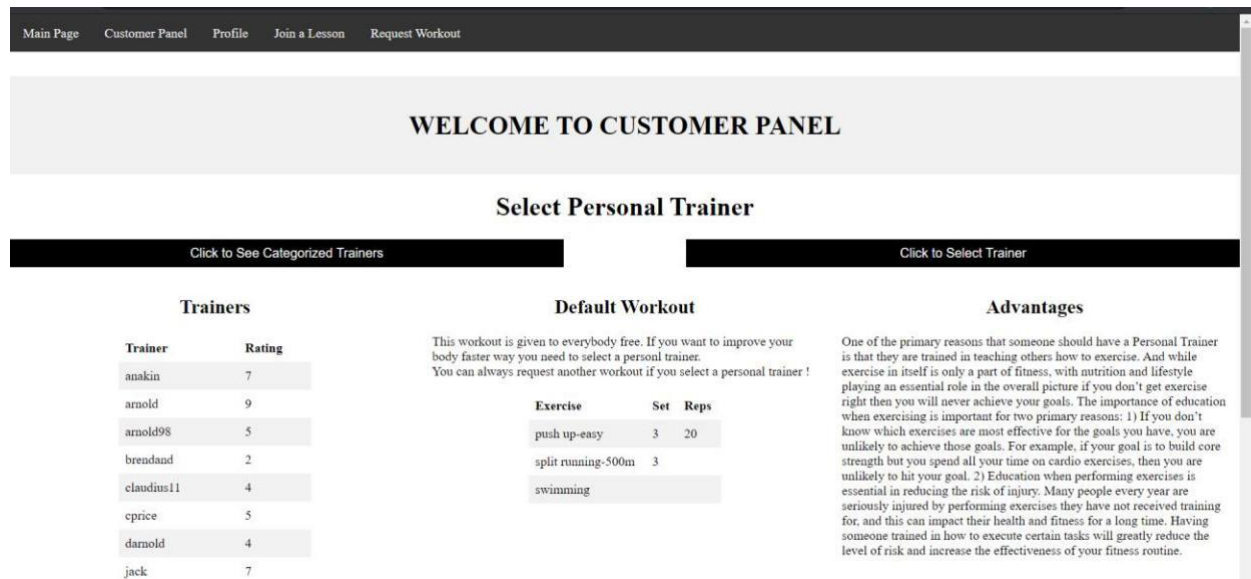
## After Customer Login

A screenshot of the web application interface after a customer login. The top navigation bar is dark with icons for a key, a speech bubble, a star, a hand, a globe, and a profile icon. Below the navigation bar, there is a 'Log out !' button and a 'Customer Panel' button.

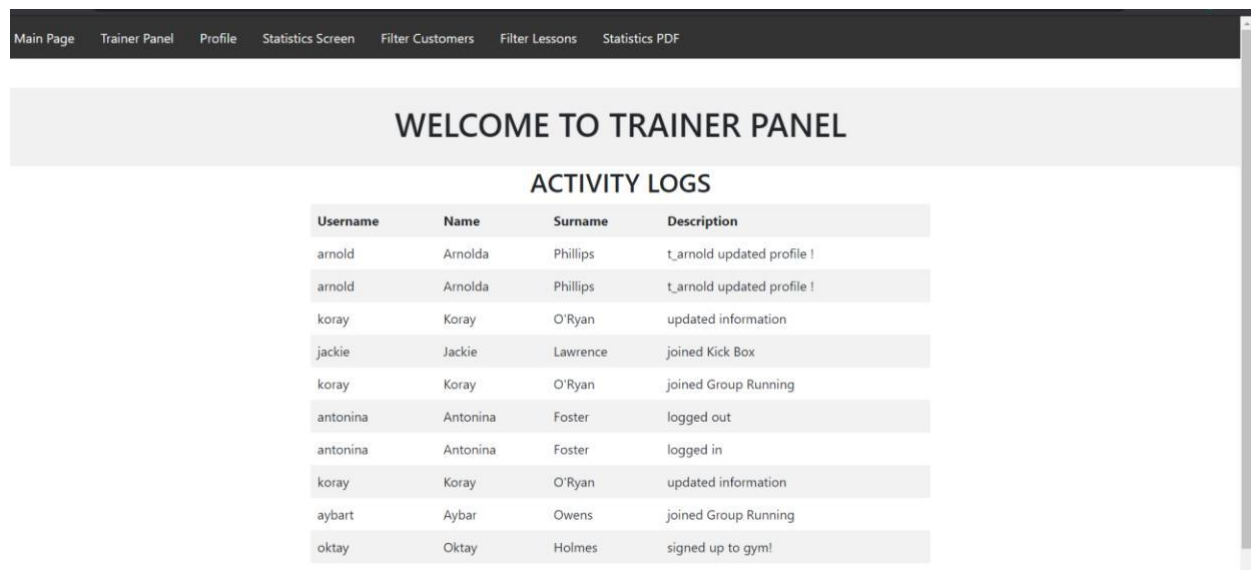
## After Trainer Login



## Customer Panel Module



## Trainer Panel



localhost:63342/ilkdeneme/trainer_panel/trainer_header.php?select=0			
Main Page	Trainer Panel	Profile	Statistics Screen
Filter Customers	Filter Lessons	Statistics PDF	
antonina	Antonina	Foster	logged in
koray	Koray	O'Ryan	updated information
aybart	Aybar	Owens	joined Group Running
oktay	Oktay	Holmes	signed up to gym!

Requests			
Customer Name	Description	Request Date	Look Program
aybart	I want to be fatter.	2020-02-03 07:32:22	Select
koray	i just look more bigger than I am.	2020-02-03 07:32:22	Select
koray	i just look more bigger than I am.	2020-02-03 07:32:28	Select
oktay	I want to be thinner in easy way.	2020-02-03 07:32:22	Select
oktay	I want to be more handsome in easiest way	2020-02-03 07:12:08	Select
ryana	I should run more faster for a competition.	2020-02-03 07:32:22	Select

## Data Entry and Update Screens

These screens provide both customer and trainer to do update , insert and delete operations. One single row changes more than one tables so that they are not as many as table counts.

### Trainer selection for customer

### Select Your Trainer

Current Trainers Available

t\_anakin Anakin O'Gallagher ▼

Select

Go back

### Update account for customer

## Change Password

Current Password

New Password

Repeat Password

Change Password

## Update Account

Please fill in this form to update your account

Oklay

Holmes

83

188

23

Phsical Alignments

- ☐ acute rheumatic fever
- ☐ asthma
- ☐ cardiac disease
- ☐ epilepsy
- ☐ gestation
- ☐ hernia

## Update Account

Please fill in this form to update your account

New Name

New Last Name

New Username

New Password

Repeat Password

Weight(in terms of kilogram)

Length(in terms of cm)

Age

### Phsical Alignments

- ☐ acute rheumatic fever
- ☐ asthma
- ☐ cardiac disease
- ☐ epilepsy
- ☐ gestation
- ☐ hernia
- ☐ hypertension
- ☐ meniscus
- ☐ skolyoz
- ☐ stable angina

Update

Go back

## Request workout for customer

### Request Workout Form

Please explain your expectations from the program here ....

Submit

## Lesson purchase for Customer

# Lesson Details

Lesson Name	Trainer Name	Trainer Surname	Section Time	Price	Room	Join Lesson!
Aikido	Liv	Cunningham	Friday:17:00-18:00	200	1	+
Body Building	Arnolda	Phillips	Sunday:13:00-14:00	100	1	+
Group Running	Anakin	O'Gallagher	Monday:17:00-18:00	80	1	+
Kick Box	James	Clark	Tuesday:15:00-16:00	100	1	+
Kick Box	Cameron	Price	Saturday:18:00-19:00 Tuesday:15:00-16:00	100	2	+
Kung Fu	Brendand	Jenkins	Friday:17:00-18:00	100	3	+
Pilates	Claudius	Stephens	Sunday:17:00-18:00	220	1	+
Power Building	Willy	Wonka	Sunday:16:00-17:00	200	2	+
Yoga	Anakin	O'Gallagher	Monday:10:00-11:00	250	1	+
Yoga	Anakin	O'Gallagher	Wednesday:13:00-14:00	250	2	+
Zumba	Anakin	O'Gallagher	Friday:17:00-18:00	50	2	+

## My Lessons Page for Customer

# Lesson Details

Lesson Name	Trainer Name	Trainer Surname	Section Time	Price	Room	Delete Lesson
Aikido	Liv	Cunningham	Friday:17:00-18:00	200	1	
Body Building	Arnolda	Phillips	Sunday:13:00-14:00	100	1	
Power Building	Willy	Wonka	Sunday:16:00-17:00	200	2	
Zumba	Anakin	O'Gallagher	Friday:17:00-18:00	50	2	



## Add Workout for Trainer

Requests			
Customer Name	Description	Request Date	Look Program
aybart	I want to be fatter.	2020-02-03 07:32:22	Select
koray	i just look more bigger than I am.	2020-02-03 07:32:22	Select
koray	i just look more bigger than I am.	2020-02-03 07:32:28	Select
oktay	I want to be thinner in easy way.	2020-02-03 07:32:22	Select
oktay	I want to be more handsome in easiest way	2020-02-03 07:12:08	Select
ryana	I should run more faster for a competition.	2020-02-03 07:32:22	Select

aybart's Programs	
Program Name	Delete
For Real Body Builder Advance	Delete
Get Strong Begginer	Delete

localhost:63342/ikdeneme/trainer_panel/trainer_header.php?select=0			
Main Page	Trainer Panel	Profile	Statistics Screen
Filter Customers	Filter Lessons	Statistics PDF	
antoinna	Antoinna	Poster	logged in
koray	Koray	O'Ryan	updated information
aybart	Aybar	Owens	joined Group Running
oktay	Oktay	Holmes	signed up to gym!

Requests			
Customer Name	Description	Request Date	Look Program
aybart	I want to be fatter.	2020-02-03 07:32:22	Select
koray	i just look more bigger than I am.	2020-02-03 07:32:22	Select
koray	i just look more bigger than I am.	2020-02-03 07:32:28	Select
oktay	I want to be thinner in easy way.	2020-02-03 07:32:22	Select
oktay	I want to be more handsome in easiest way	2020-02-03 07:12:08	Select
ryana	I should run more faster for a competition.	2020-02-03 07:32:22	Select

## Select Proper Program For aybart

Program Name	Add
Get Strong Medium	Add
Chest Building	Add
Run More Faster	Add
Fit With Dancing	Add

## Update Account for Customer

### Change Password

Current Password

New Password

Repeat Password

Change Password

### Update Account

Please fill in this form to update your account

Oktaý

Holmes

83

188

23

Phsical Alignments

- ☐ acute rheumatic fever
- ☐ asthma
- ☐ cardiac disease
- ☐ epilepsy
- ☐ gestation
- ☐ hernia
- ☐ hypertension

## Changing Profile for both customer and trainer


Screen

Filter Customers

Filter Lessons

Statistics PDF

## Account



Change Profile Photo

### Account Information

Username : anakin  
Salary :12000  
Education : Hacettepe University  
Experience : 8  
Rating : 3  
Length : 170  
Weight : 78

Update Password

Update Account Information

### PHOTO ENTRY SCREEN

If trainer or customer add a profile photo the path of photo stored in database



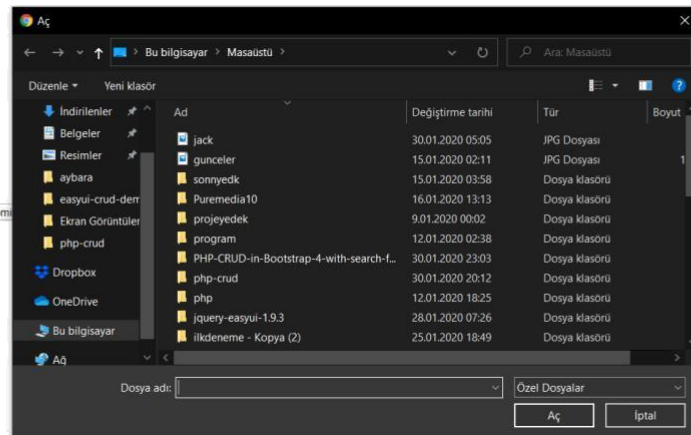
Dosya Seç

Dosya seçilmedi

Submit

Dosya Seç Dosya seçilmedi

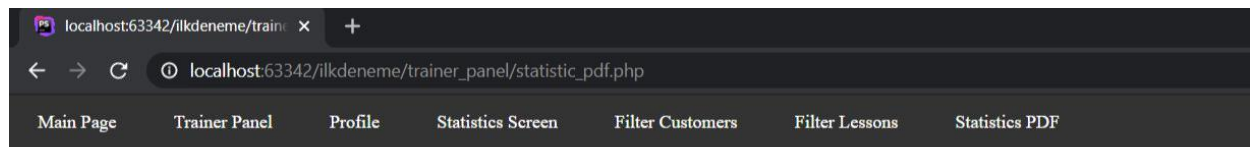
Submit



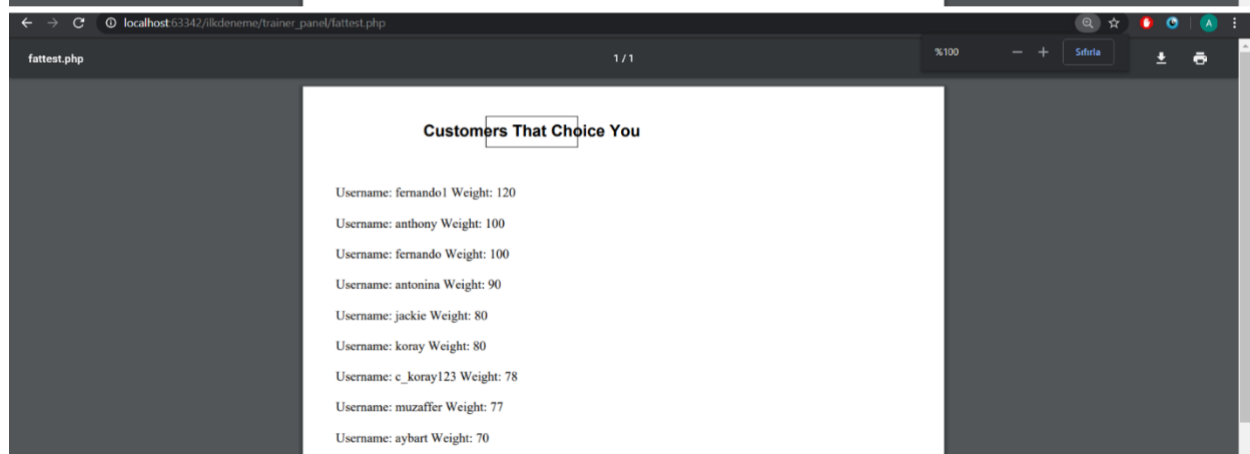
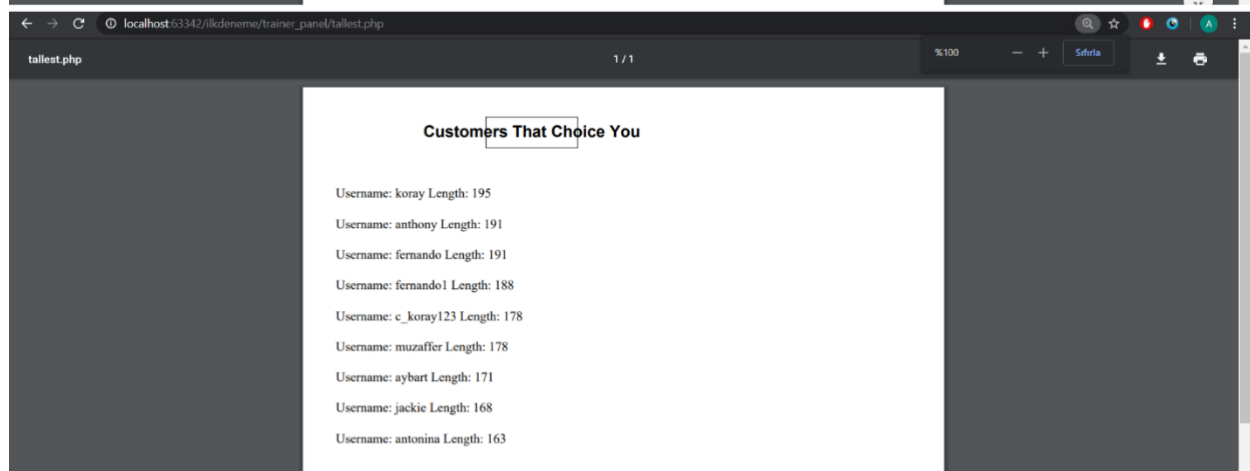
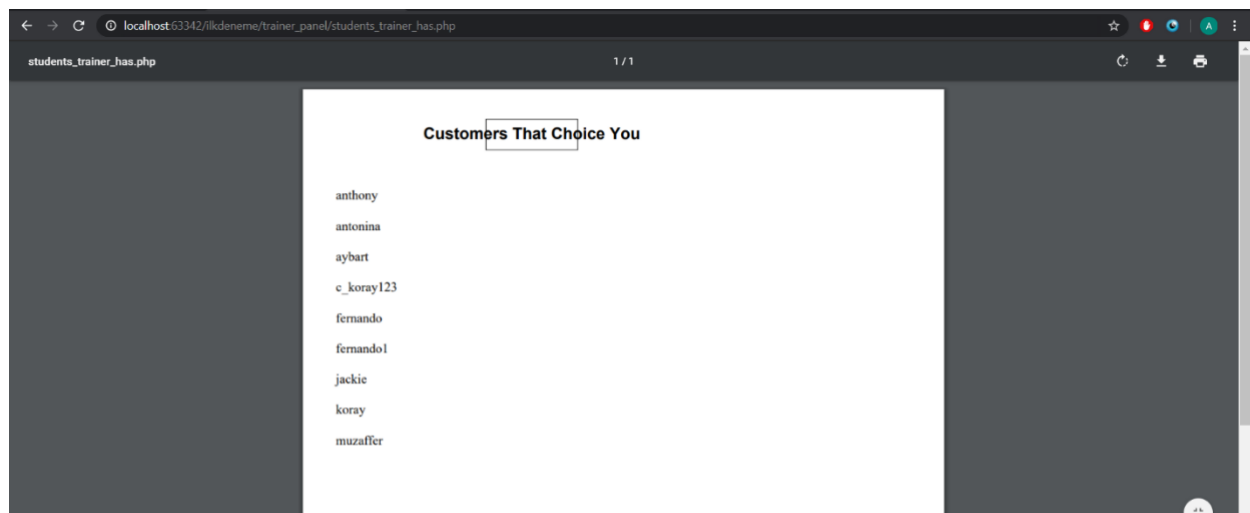
```
a665a45920422f9d417e4867efdc4fb8a04a1f3f... images/jack.jpg
03ac674216f3e15c761ee1a5e255f067953623c... NULL
```

## Listing Screens with PDF

Listing screens are combined with PDF.



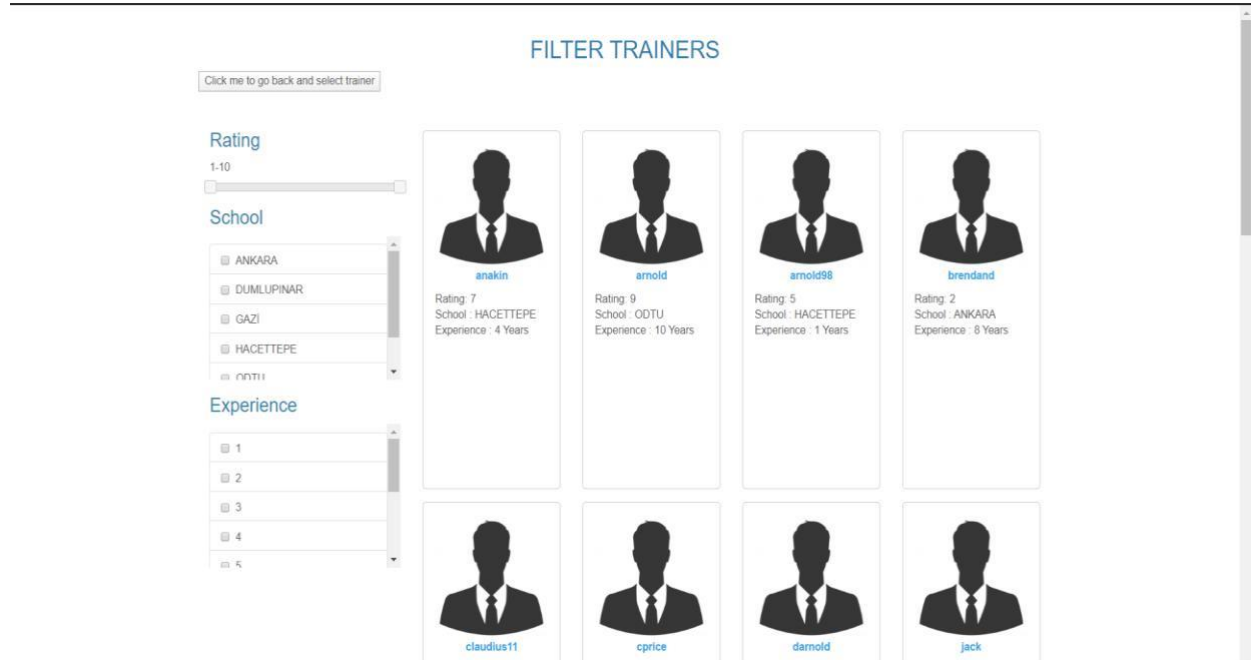
This black buttons provide trainer to see a list of fattest , smallest customers and list the customers that choosed corresponding trainer



## FILTERED PAGES

There are 3 filtered pages in system. One embedded in customer panel to enable customers to filter trainers.

### FILTERED PAGE TO FILTERING TRAINERS



Second and third filtered page in trainer panel to filter customers and filter lessons.

### FILTERED PAGE TO FILTER CUSTOMERS

← → ↻ localhost:63342/ikdeneme/trainer\_panel/customer\_filtering/index.php 🔍 ☆ 🌐 🔄 🏠

## FILTERING FOR YOUR CUSTOMERS

[Click me to go back](#)

**AGE**

15-99

**WEIGHT**









30-200

**LENGTH**

140-240

**Membership**

- ☒ 1 Months
- ☐ 1 Year
- ☐ 10 Months
- ☐ 16 Months
- ☐ 1 Year

 <b>anthony</b> BMI: 20 Weight: 100 Length: 191 Membership: Monthly	 <b>antonina</b> BMI: 30 Weight: 90 Length: 163 Membership: 6 Months	 <b>aybart</b> BMI: 20 Weight: 70 Length: 171 Membership: Monthly	 <b>c_cilginoktay</b> BMI: 23.7 Weight: 75 Length: 178 Membership: 16 Months
 <b>c_crazydeniz</b>	 <b>c_kerim</b>	 <b>c_koray123</b>	 <b>c_koray1234</b>

## FILTERED PAGE TO FILTER LESSONS

← → ↻ localhost:63342/ikdeneme/trainer\_panel/lesson\_filtering/index.php 🔍 ☆ 🌐 🔄 🏠

## FILTER LESSONS

[Click me to go back](#)

**Price**

0-1000

**Name**

- ☒ Akido
- ☐ Body Building
- ☐ Group Running
- ☐ Kick Box
- ☐ Pilates

**TrainerID**

- ☐ anakin
- ☐ arnold
- ☐ brendand
- ☐ claudius11
- ☐ innine

<b>SPORT</b> 1 Price: 100 Name: Body Building TrainerID: arnold	<b>SPORT</b> 2 Price: 200 Name: Power Building TrainerID: willy	<b>SPORT</b> 3 Price: 100 Name: Kick Box TrainerID: james	<b>SPORT</b> 4 Price: 250 Name: Yoga TrainerID: anakin
<b>SPORT</b> 5 Price: 350 Name: Step Aerobik	<b>SPORT</b> 6 Price: 200 Name: Akido	<b>SPORT</b> 7 Price: 220 Name: Pilates	<b>SPORT</b> 8 Price: 80 Name: Group Running

## STATISTIC SCREEN

### STATISTICS ABOUT CUSTOMERS & TRAINERS

#### Average , Minimum , Maximum Salary for Trainers

Average Salary is : 9054.2 \$

Minimum Salary is : 1330 \$

Maximum Salary is : 20000 \$

#### Number of Trainers & Customers

Number of Customers : 17

Number of Trainers: 20

#### Average , Minimum , Maximum Age of Customers

Average age of Customers : 29.8824 years

Minimum age of Customers : 19 years

Maximum age of Customers : 44 years

#### Most Expensive and Cheapest Lessons and Prices

Cheapest Lesson: Zumba

Price: 50 \$

Most Expensive Lesson: Step Aerobik

Price: 350 \$

#### Most Seen Customer Alignments

Most Seen Alignment: hernia

Number: 6

#### Most Common Professions Among Trainers

Most Seen Profession: Body Builder

Number: 3

#### Most Preferred Membership

Most Seen Profession: Monthly

Number: 5

#### Most Preferred Days Among Customers

Sunday Number: 4

Friday Number: 4

Tuesday Number: 2

#### Most Used Exercises

chest fly-easy Number: 2

split running-500m Number: 2

#### Top Purchaser Customers

muzaffer Number: 5

fernando Number: 3

## PROCESSING HISTORY ( LOGGING )

### ACTIVITY LOGS

Username	Name	Surname	Description
arnold	Arnolda	Phillips	t_arnold updated profile !
arnold	Arnolda	Phillips	t_arnold updated profile !
koray	Koray	O'Ryan	updated information
jackie	Jackie	Lawrence	joined Kick Box
koray	Koray	O'Ryan	joined Group Running
antonina	Antonina	Foster	logged out
antonina	Antonina	Foster	logged in
koray	Koray	O'Ryan	updated information
aybart	Aybar	Owens	joined Group Running
oktay	Oktay	Holmes	signed up to gym!



