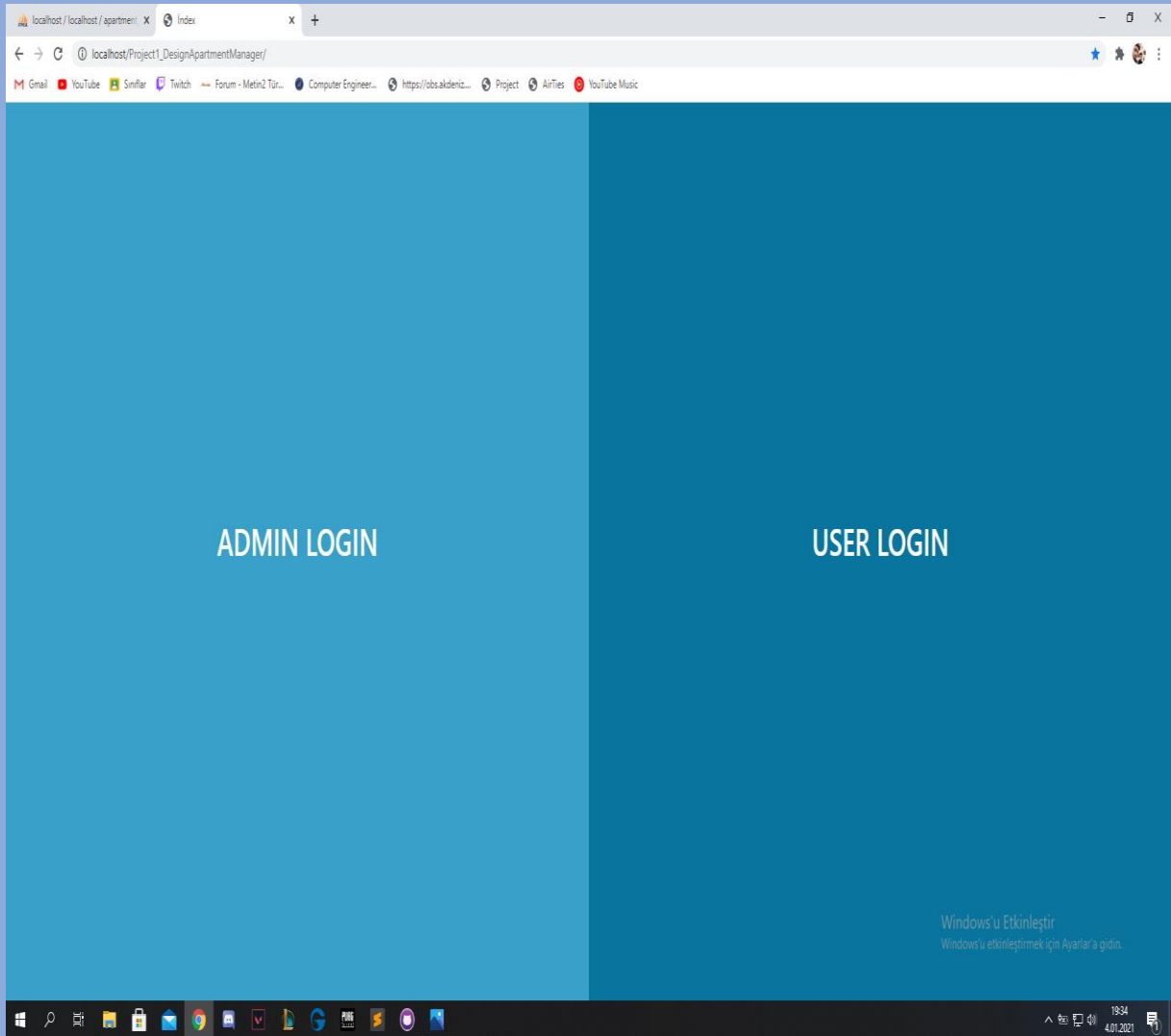


# Project Report

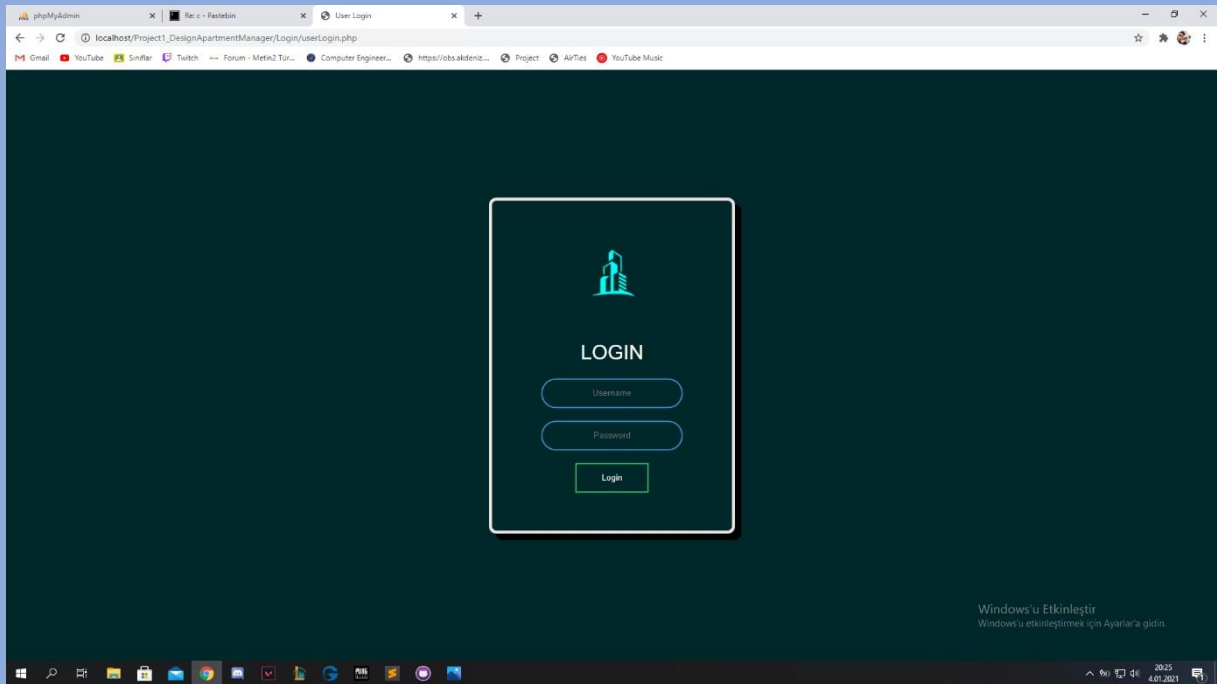
ABUZER FATİH KARALAR  
20170808043

# 1-Index page

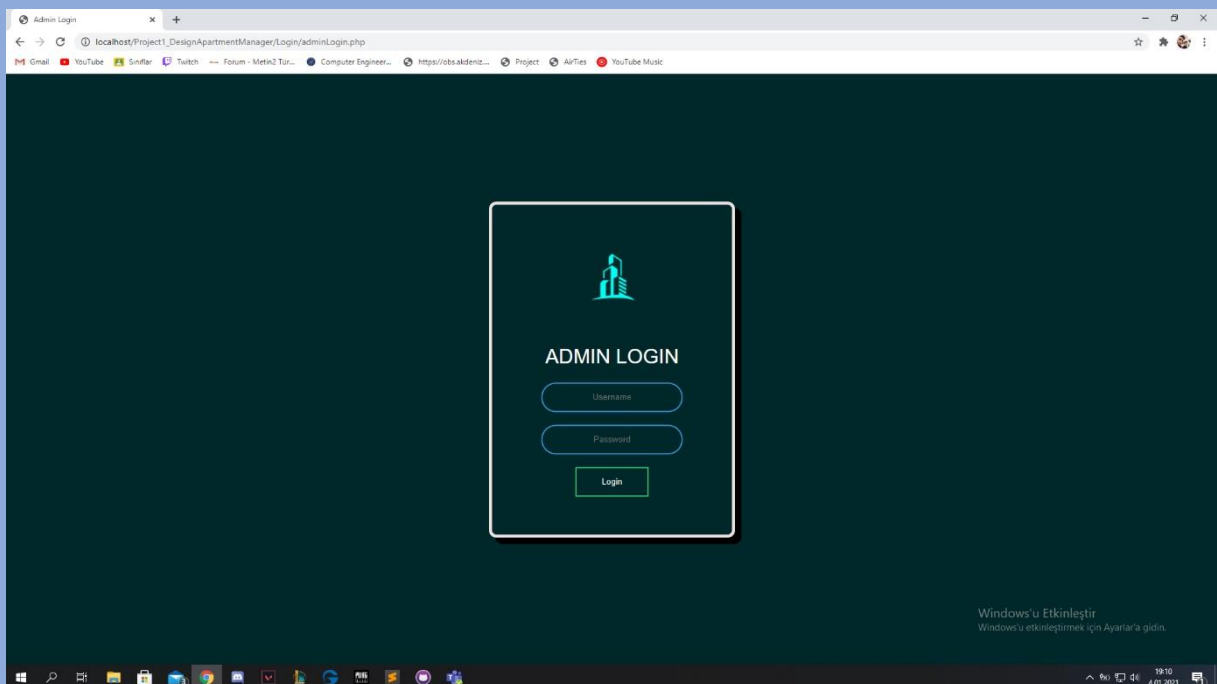


With this page,the user can select the login type.

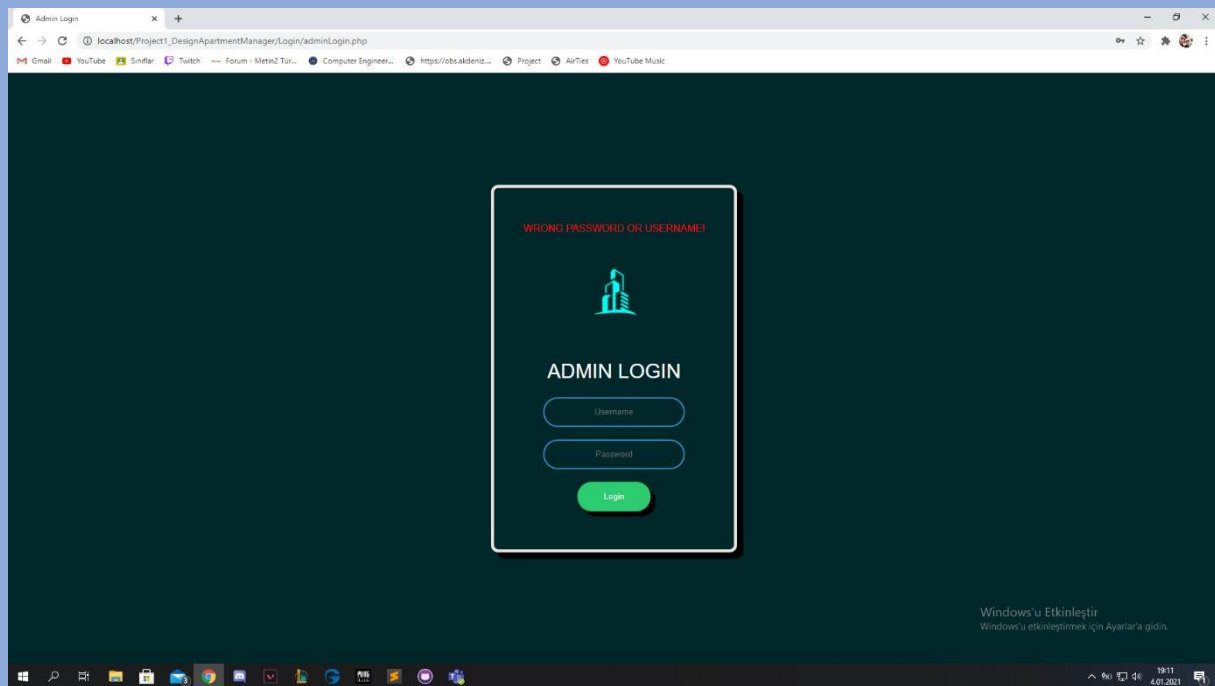
# 2-Login system for admins and residents



## User login



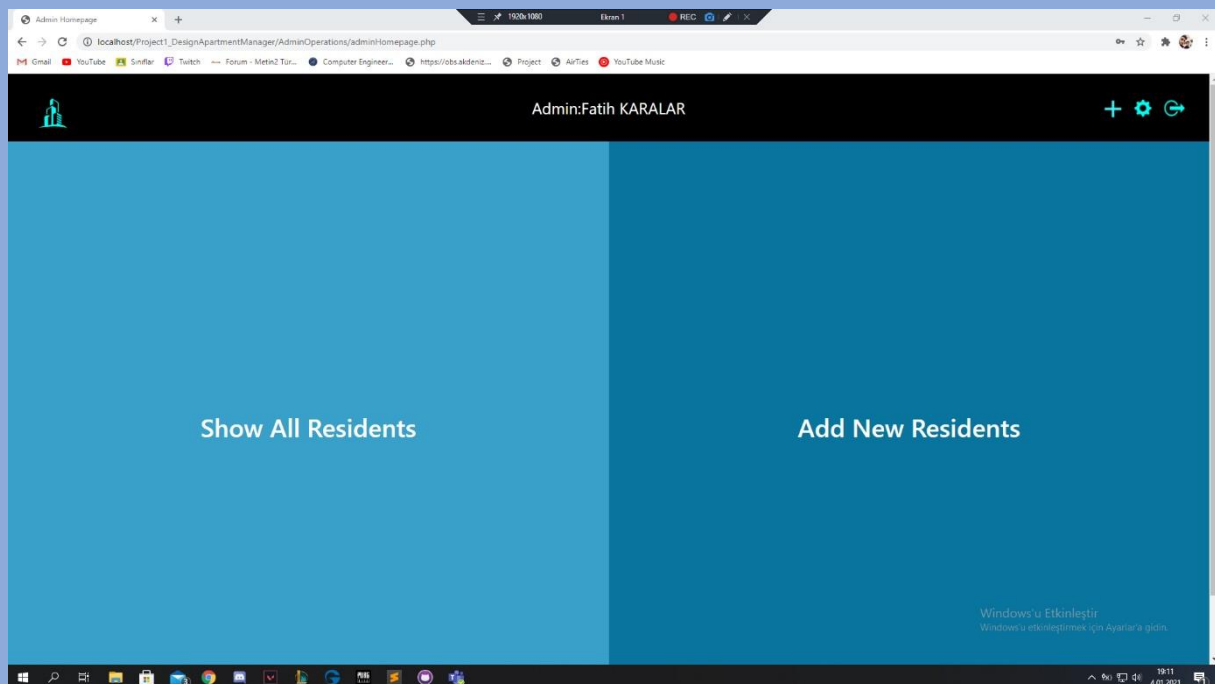
## Admin login



When the user types incorrect username or password, the form shows an error like this.

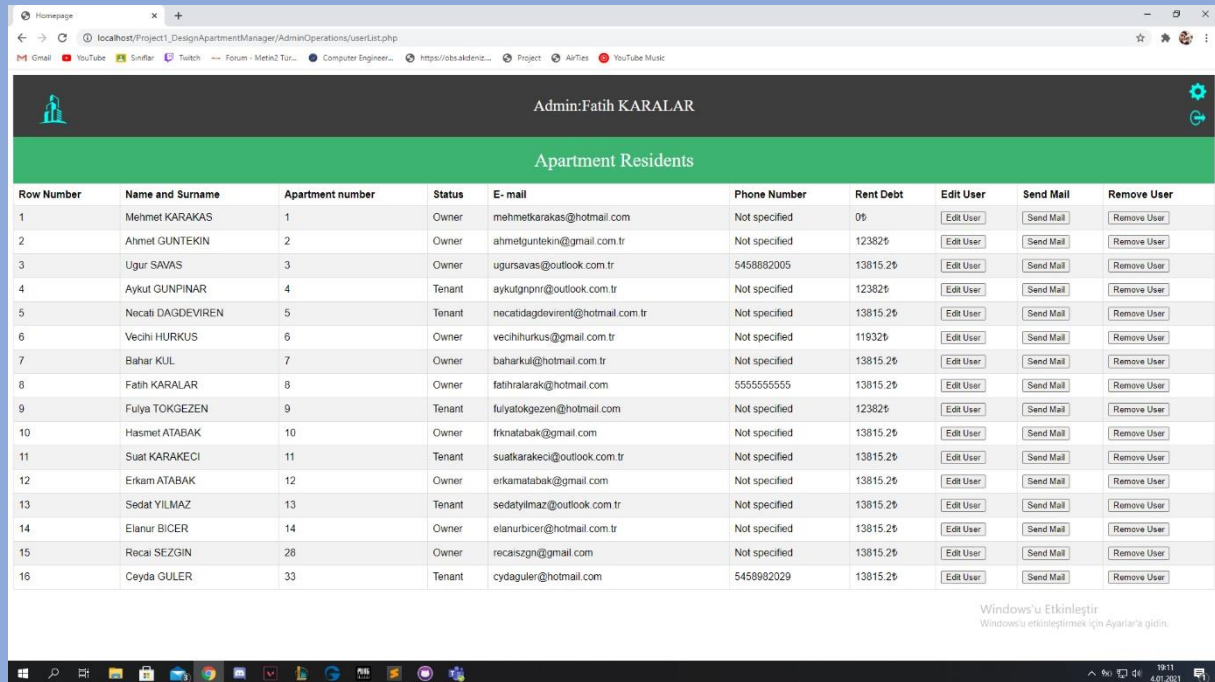
## A) Admin operations

### 1) Admin Homepage



When an admin logged in, it will be redirected to the admin homepage. Admin can choose operations that he/she wants to do.

## 2)Residents List

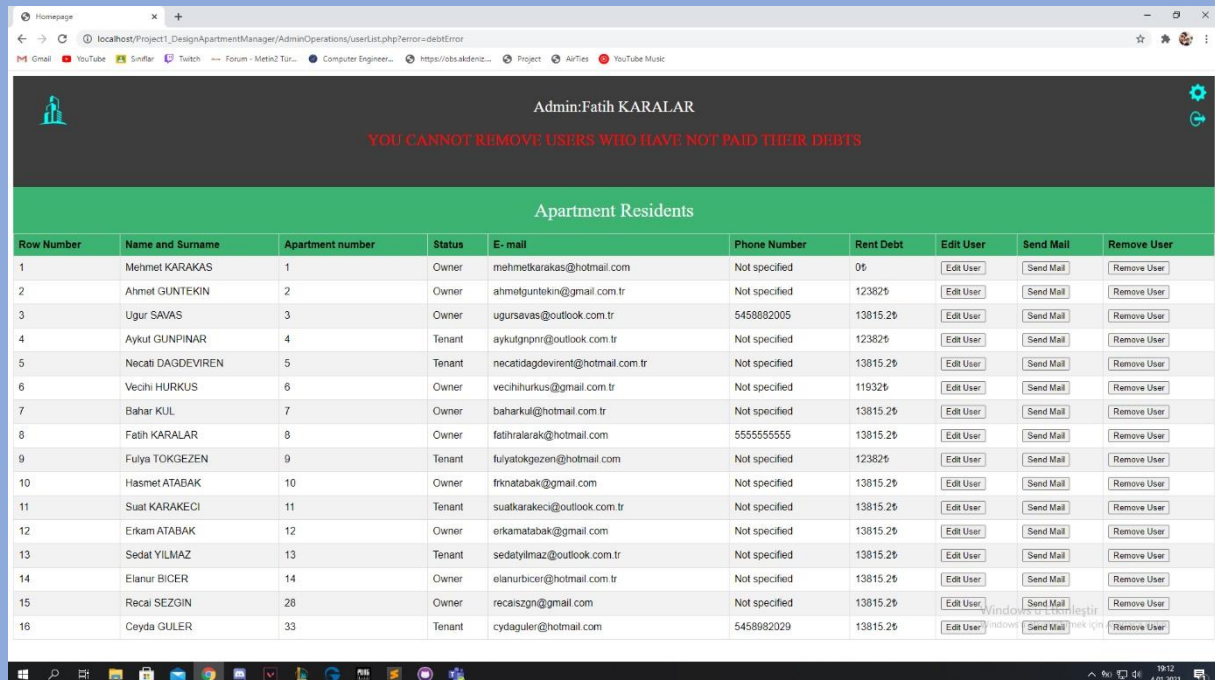


Admin:Fatih KARALAR

Apartment Residents

Row Number	Name and Surname	Apartment number	Status	E- mail	Phone Number	Rent Debt	Edit User	Send Mail	Remove User
1	Mehmet KARAKAS	1	Owner	mehmetkarakas@hotmail.com	Not specified	06	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
2	Ahmet GUNTEKIN	2	Owner	ahmetguntekin@gmail.com.tr	Not specified	123826	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
3	Ugur SAVAS	3	Owner	ugursavas@outlook.com.tr	5458882005	13815.26	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
4	Aykut GUNPINAR	4	Tenant	aykutgnprn@outlook.com.tr	Not specified	123826	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
5	Necati DAGDEVIREN	5	Tenant	necatidagdevirent@hotmail.com.tr	Not specified	13815.26	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
6	Vecchi HURKUS	6	Owner	vechihurkus@gmail.com.tr	Not specified	119326	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
7	Bahar KUL	7	Owner	baharkul@hotmail.com.tr	Not specified	13815.26	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
8	Fatih KARALAR	8	Owner	fathiralarak@hotmail.com	5555555555	13815.26	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
9	Fulya TOKGEZEN	9	Tenant	fulyatokgezen@hotmail.com	Not specified	123826	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
10	Hasmet ATABAK	10	Owner	fkrnatabak@gmail.com	Not specified	13815.26	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
11	Suat KARAKECI	11	Tenant	suatkarakeci@outlook.com.tr	Not specified	13815.26	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
12	Ercan ATABAK	12	Owner	erkamatabak@gmail.com	Not specified	13815.26	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
13	Sedat YILMAZ	13	Tenant	sedatylmaz@outlook.com.tr	Not specified	13815.26	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
14	Elanur BICER	14	Owner	elanurbicer@hotmail.com.tr	Not specified	13815.26	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
15	Recal SEZGIN	28	Owner	recalszgn@gmail.com	Not specified	13815.26	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
16	Ceyda GULER	33	Tenant	cydaguler@hotmail.com	5458882029	13815.26	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>

Admin can see all residents of the apartment and their informations with this page.Also admin can edit the residents informations.Also admin can send an email to the resident or can remove the residents.



Admin:Fatih KARALAR

YOU CANNOT REMOVE USERS WHO HAVE NOT PAID THEIR DEBTS

Apartment Residents


Row Number	Name and Surname	Apartment number	Status	E- mail	Phone Number	Rent Debt	Edit User	Send Mail	Remove User
1	Mehmet KARAKAS	1	Owner	mehmetkarakas@hotmail.com	Not specified	06	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
2	Ahmet GUNTEKIN	2	Owner	ahmetguntekin@gmail.com.tr	Not specified	123826	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
3	Ugur SAVAS	3	Owner	ugursevas@outlook.com.tr	5458882005	13815.26	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
4	Aykut GUNPINAR	4	Tenant	aykutgnprn@outlook.com.tr	Not specified	123826	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
5	Necati DAGDEVIREN	5	Tenant	necatidagdevirent@hotmail.com.tr	Not specified	13815.26	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
6	Vecchi HURKUS	6	Owner	vechihurkus@gmail.com.tr	Not specified	119326	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
7	Bahar KUL	7	Owner	baharkul@hotmail.com.tr	Not specified	13815.26	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
8	Fatih KARALAR	8	Owner	fathiralarak@hotmail.com	5555555555	13815.26	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
9	Fulya TOKGEZEN	9	Tenant	fulyatokgezen@hotmail.com	Not specified	123826	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
10	Hasmet ATABAK	10	Owner	fkrnatabak@gmail.com	Not specified	13815.26	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
11	Suat KARAKECI	11	Tenant	suatkarakeci@outlook.com.tr	Not specified	13815.26	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
12	Ercan ATABAK	12	Owner	erkamatabak@gmail.com	Not specified	13815.26	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
13	Sedat YILMAZ	13	Tenant	sedatylmaz@outlook.com.tr	Not specified	13815.26	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
14	Elanur BICER	14	Owner	elanurbicer@hotmail.com.tr	Not specified	13815.26	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
15	Recal SEZGIN	28	Owner	recalszgn@gmail.com	Not specified	13815.26	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
16	Ceyda GULER	33	Tenant	cydaguler@hotmail.com	5458882029	13815.26	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>

But admin can not remove the residents who have not paid their debts.If debt of resident is 0,then admin can remove the resident.



Homepage

localhost/Project1\_DesignApartmentManager/AdminOperations/userList.php

Gmail YouTube Sniffer Twitch Forum - Metin2 Tür... Computer Engineer... https://obs.aldein... Project AirTies YouTube Music



Admin:Fatih KARALAR



Apartment Residents

Row Number	Name and Surname	Apartment number	Status	E- mail	Phone Number	Rent Debt	Edit User	Send Mail	Remove User
1	Mehmet KARAKAS	1	Owner	mehmetkarakas@hotmail.com	Not specified	0%	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
2	Ahmet GUNTEKIN	2	Owner	ahmetguntekin@gmail.com.tr	Not specified	12382%	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
3	Ugur SAVAS	3	Owner	ugursevas@outlook.com.tr	5458882005	13815.2%	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
4	Aykut GUNPINAR	4	Tenant	aykutgnprn@outlook.com.tr	Not specified	12382%	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
5	Necati DAGDEVIREN	5	Tenant	necatidagdevirent@hotmail.com.tr	Not specified	13815.2%	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
6	Vecihi HURKUS	6	Owner	vechihurkus@gmail.com.tr	Not specified	11932%	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
7	Bahar KUL	7	Owner	baharkul@hotmail.com.tr	Not specified	13815.2%	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
8	Fatih KARALAR	8	Owner	fahrairak@hotmail.com	5555555555	13815.2%	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
9	Fulya TOKGEZEN	9	Tenant	fulyatokgezen@hotmail.com	Not specified	12382%	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
10	Hasmet ATABAK	10	Owner	frnatabak@gmail.com	Not specified	0%	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
11	Suat KARAKECI	11	Tenant	suatkarakeci@outlook.com.tr	Not specified	13815.2%	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
12	Erkam ATABAK	12	Owner	erkamatabak@gmail.com	Not specified	13815.2%	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
13	Sedat YILMAZ	13	Tenant	sedatylimaz@outlook.com.tr	Not specified	13815.2%	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
14	Elanur BICER	14	Owner	elanurbicer@hotmail.com.tr	Not specified	13815.2%	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
15	Recal SEZGIN	28	Owner	recalszgn@gmail.com	Not specified	13815.2%	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>
16	Ceyda GULER	33	Tenant	cydaguler@hotmail.com	5458882029	13815.2%	<a href="#">Edit User</a>	<a href="#">Send Mail</a>	<a href="#">Remove User</a>

Windows'u Etkinleştir  
Windows'u etkinleştirmek için Ayarlar'a gidin.

localhost/Project1\_DesignApartmentManager/AdminOperations/removeUser.php?userId=75&removeUser=ok

Homepage

localhost/Project1\_DesignApartmentManager/AdminOperations/userList.php?isRemoved=true

Gmail YouTube Sniffer Twitch Forum - Metin2 Tür... Computer Engineer... https://obs.aldein... Project AirTies YouTube Music



Admin:Fatih KARALAR



THE USER REMOVED SUCCESSFULLY.

Apartment Residents

Windows'u Etkinleştir  
Windows'u etkinleştirmek için Ayarlar'a gidin.

localhost/Project1\_DesignApartmentManager/AdminOperations/removeUser.php?userId=82&amp;removeUser=ok

Homepage

localhost/Project1\_DesignApartmentManager/AdminOperations/userList.php?isRemoved=true

Gmail YouTube Sniffer Twitch Forum - Metin2 Tür... Computer Engineer... https://obs.aldein... Project AirTies YouTube Music

### 3-Edit resident

The screenshot shows a web browser window with the title 'Edit Residents'. The address bar shows the URL 'localhost/Project1\_DesignApartmentManager/AdminOperations/editUser.php?userId=72'. The page header displays 'Admin:Fatih KARALAR' and a settings icon. The main content area features a dark blue form titled 'EDIT RESIDENT'. The form contains the following fields: a text input with the value '1', a text input with the value 'mehmetkarakas@hotmail.com', a dropdown menu labeled 'Status' with a downward arrow, and a green 'Add' button. The Windows taskbar at the bottom shows the time as 19:11 on 4.07.2021.

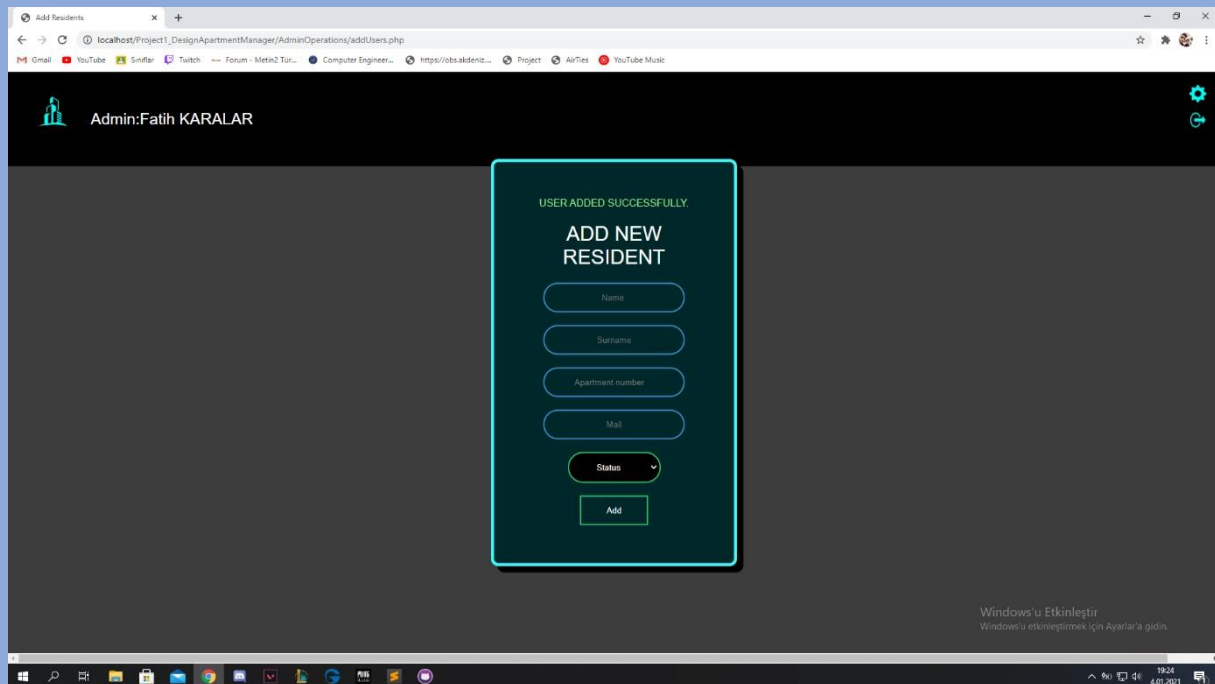
Admin can edit the resident informations,can change the apartment number of resident if the number is not used by another resident.

### 4-Adding new residents

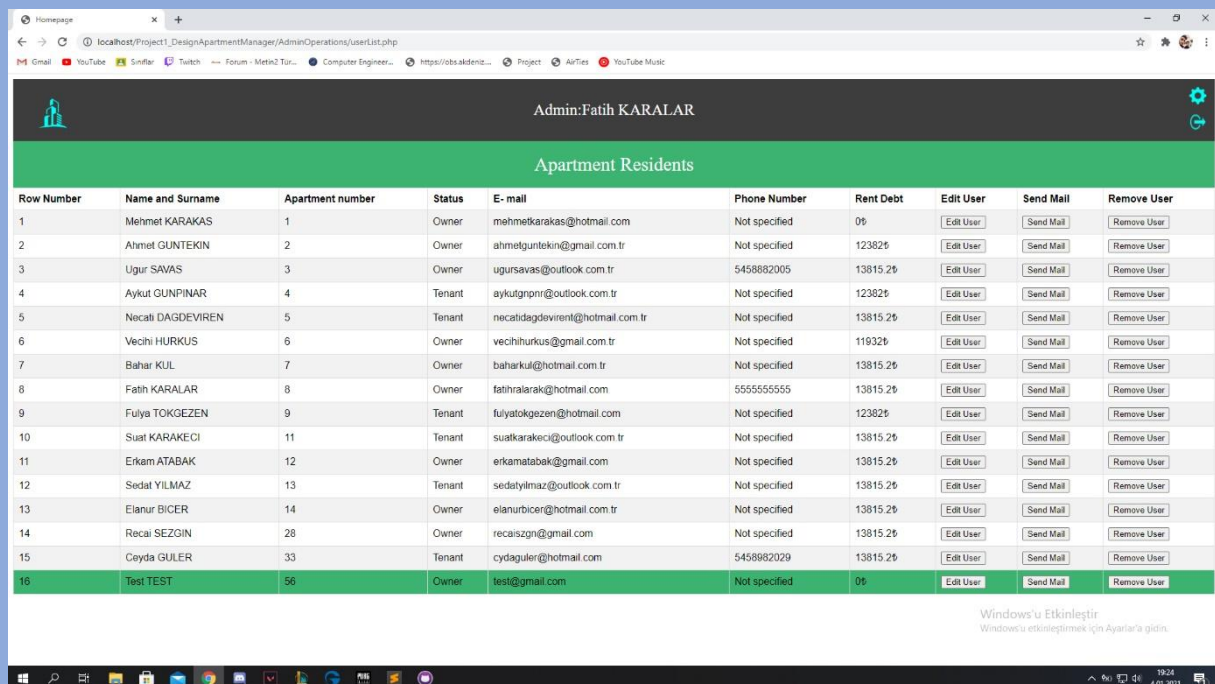
The screenshot shows a web browser window with the title 'Add Residents'. The address bar shows the URL 'localhost/Project1\_DesignApartmentManager/AdminOperations/addUsers.php'. The page header displays 'Admin:Fatih KARALAR' and a settings icon. The main content area features a dark blue form titled 'ADD NEW RESIDENT'. The form contains the following fields: a text input with the value 'test', another text input with the value 'test', a text input with the value '56', a text input with the value 'test@gmail.com', a dropdown menu labeled 'Owner' with a downward arrow, and a green 'Add' button. The Windows taskbar at the bottom shows the time as 19:24 on 4.07.2021.

Admin can add new residents to the apartment if the resident does not exists in the apartment.If the apartment number is used by another

resident,admin can not add new resident using used apartment number.Also the e-mail address must be correct type.Otherwise admin see the “Invalid e mail address” error.



If the resident added,admin will see the success message.



Userlist will updated dynamically when a resident added to the apartment.

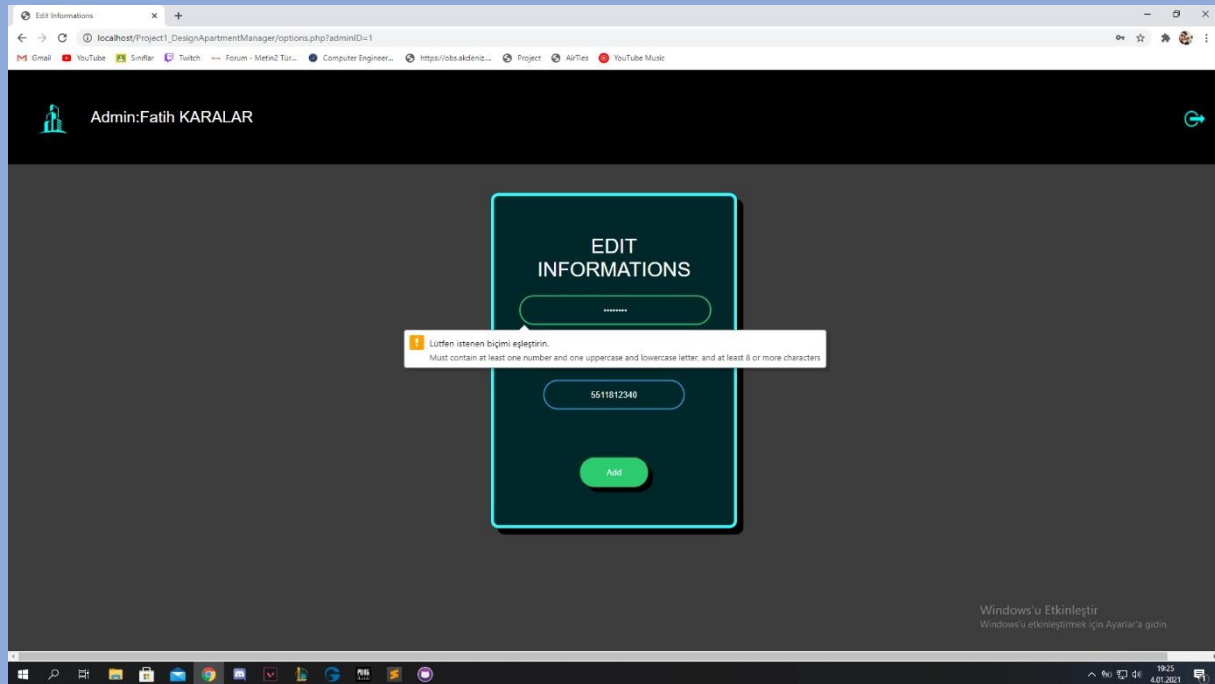
Default username: name and surname of resident(fatihkaralar)



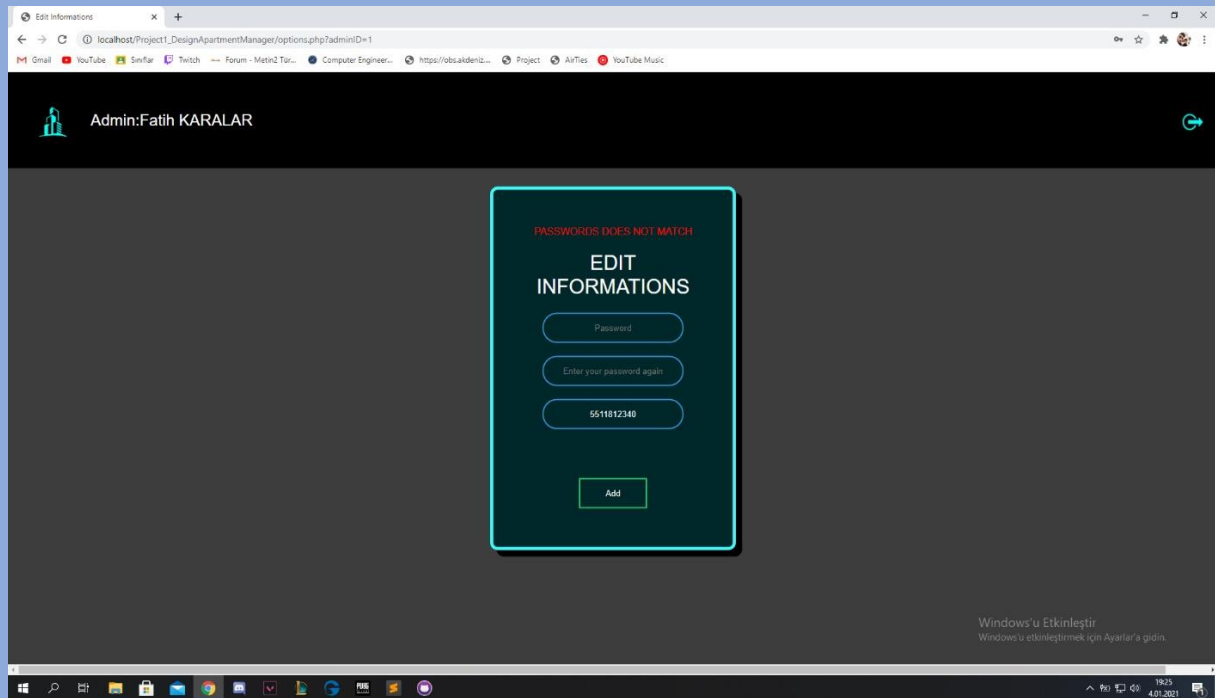
Default password: surname of resident(karalar)

The residents can change their passwords using this informations.

## 5-Admins can edit their own informations

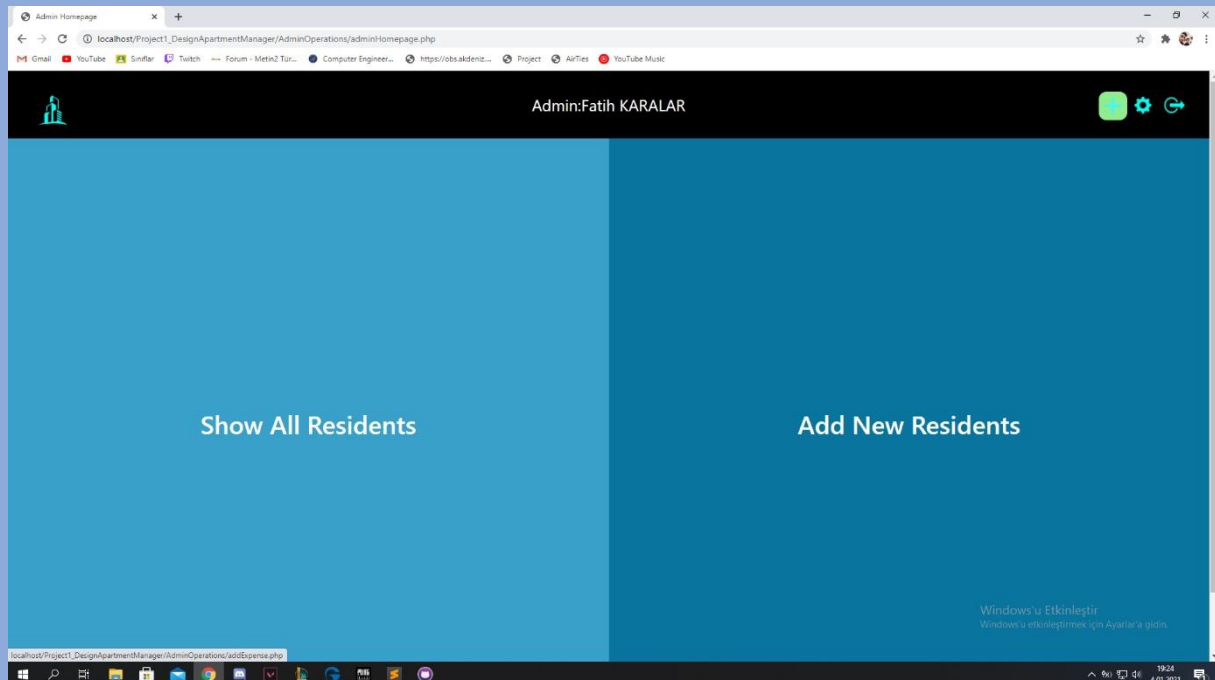


Admins can edit their own informations.They can change their passwords.They must enter new password 2 times and these password must be the same.Also the password must contain at least one number an done uppcase letter and lowercase letter,also it must contains 8 or more characters for security.Admins can change their phone number if the number does not exists in the database.Also the phone number format must be valid.

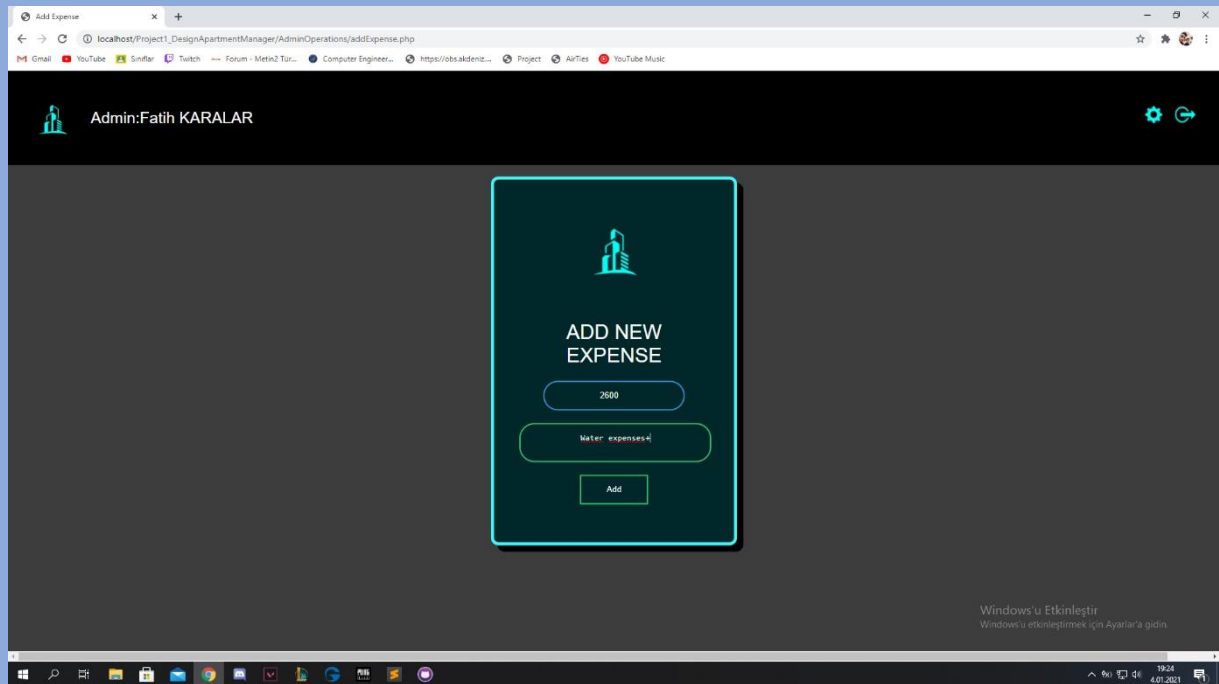


If the password are not same,the admin will see an error message like this.

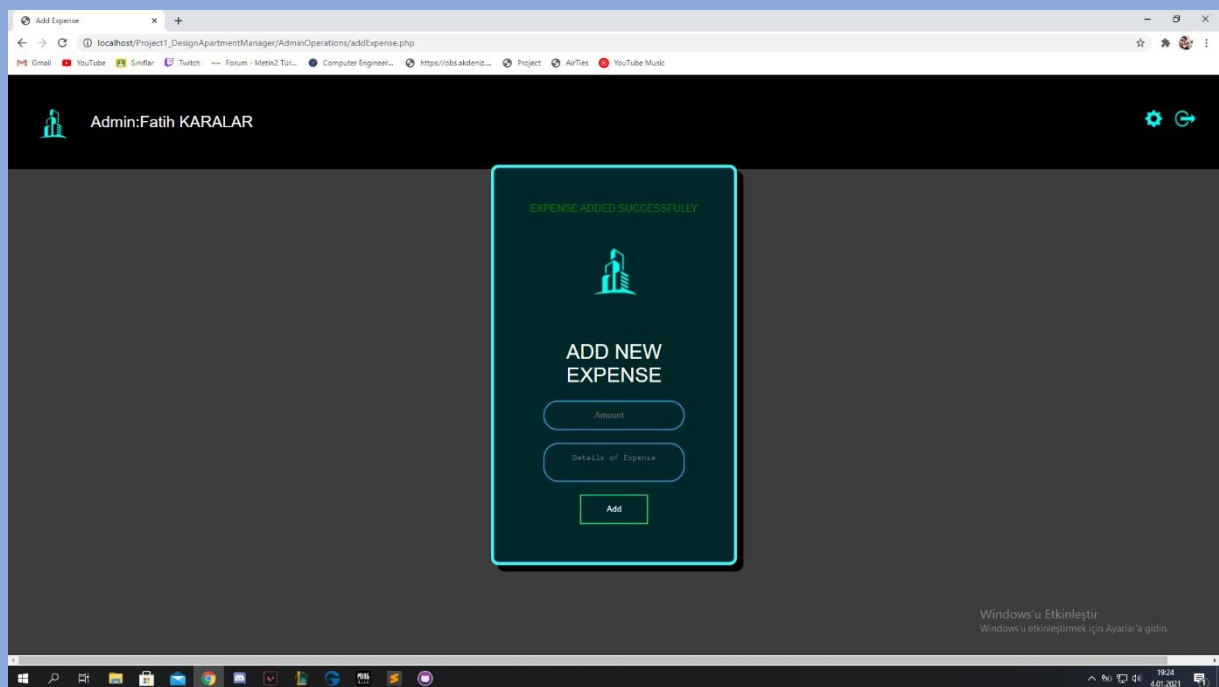
## 6-Admins can add new expenses and details



Admins can Access the add expense page using this button.



In the add expense page,admin can enter an expense amount and it's details.And this amount is divided by the number of residents and added to their debt.For example the admin enter 2000 dollars as elevator maintenance,if the apartment has 20 residents, the debt of each resident increases by 100 dollars.Also the amount of expense can not be negative.



And if expense added successfully,the admin will see a message like this.

Homepage

localhost/Project1\_DesignApartmentManager/AdminOperations/UserList.php

Admin: Fatih KARALAR

### Apartment Residents

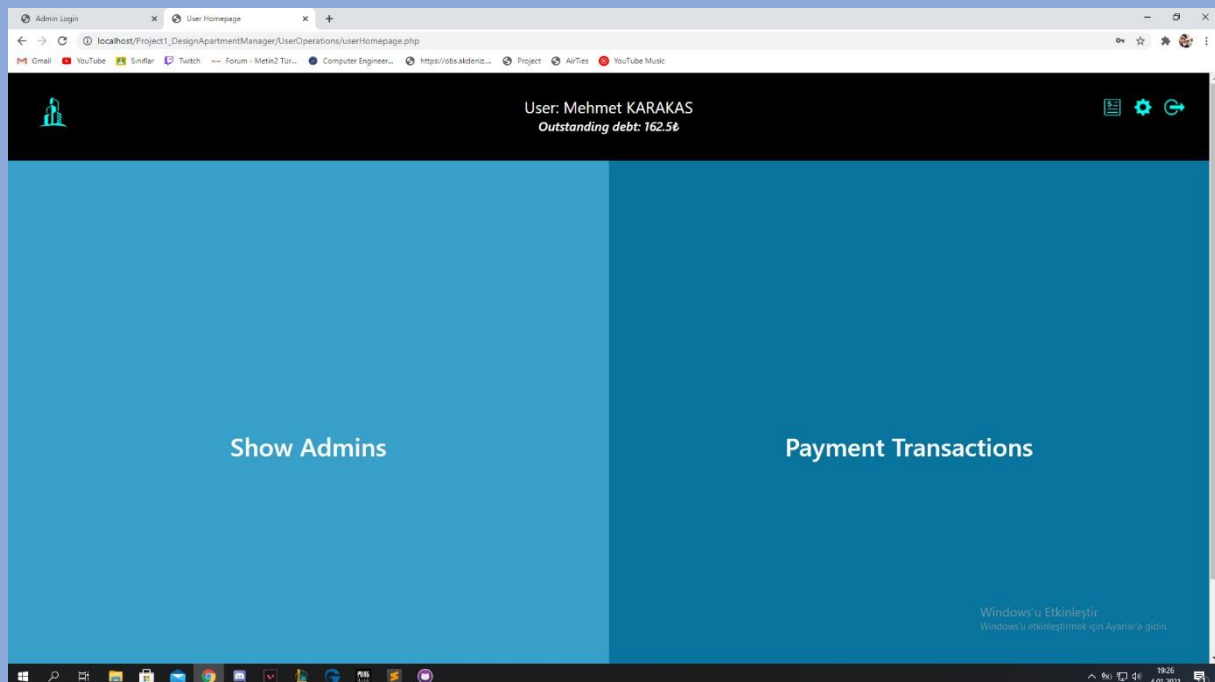
Row Number	Name and Surname	Apartment number	Status	E- mail	Phone Number	Rent Debt	Edit User	Send Mail	Remove User
1	Mehmet KARAKAS	1	Owner	mehmetkarakas@hotmail.com	Not specified	162.56	Edit User	Send Mail	Remove User
2	Ahmet GUNTEKIN	2	Owner	ahmetguntekin@gmail.com.tr	Not specified	12544.56	Edit User	Send Mail	Remove User
3	Ugur SAVAS	3	Owner	ugursevas@outlook.com.tr	545882005	13977.76	Edit User	Send Mail	Remove User
4	Aykut GUNPINAR	4	Tenant	aykutgnprn@outlook.com.tr	Not specified	12544.56	Edit User	Send Mail	Remove User
5	Necati DAGDEVIREN	5	Tenant	necatidagdeviren@hotmail.com.tr	Not specified	13977.76	Edit User	Send Mail	Remove User
6	Vecihi HURKUS	6	Owner	vechihurkus@gmail.com.tr	Not specified	12094.56	Edit User	Send Mail	Remove User
7	Bahar KUL	7	Owner	baharkul@hotmail.com.tr	Not specified	13977.76	Edit User	Send Mail	Remove User
8	Fatih KARALAR	8	Owner	fathiralarak@hotmail.com	555555555	13977.76	Edit User	Send Mail	Remove User
9	Fulya TOKGEZEN	9	Tenant	fulyatokgezen@hotmail.com	Not specified	12544.56	Edit User	Send Mail	Remove User
10	Suat KARAKECI	11	Tenant	suatkarakeci@outlook.com.tr	Not specified	13977.76	Edit User	Send Mail	Remove User
11	Ercan ATABAK	12	Owner	erkamatabak@gmail.com	Not specified	13977.76	Edit User	Send Mail	Remove User
12	Sedat YILMAZ	13	Tenant	sedatyilmaz@outlook.com.tr	Not specified	13977.76	Edit User	Send Mail	Remove User
13	Elanur BICER	14	Owner	elanurbicer@hotmail.com.tr	Not specified	13977.76	Edit User	Send Mail	Remove User
14	Recai SEZGIN	28	Owner	recaiszgn@gmail.com	Not specified	13977.76	Edit User	Send Mail	Remove User
15	Ceyda GULER	33	Tenant	cydaguler@hotmail.com	545882029	13977.76	Edit User	Send Mail	Remove User
16	Test TEST	56	Owner	test@gmail.com	Not specified	162.56	Edit User	Send Mail	Remove User

Windows'u Etkinleştir  
Windows'u etkinleştirmek için Ayarlar'a gidin.

And all users' debt increases.

## B)Resident Operations

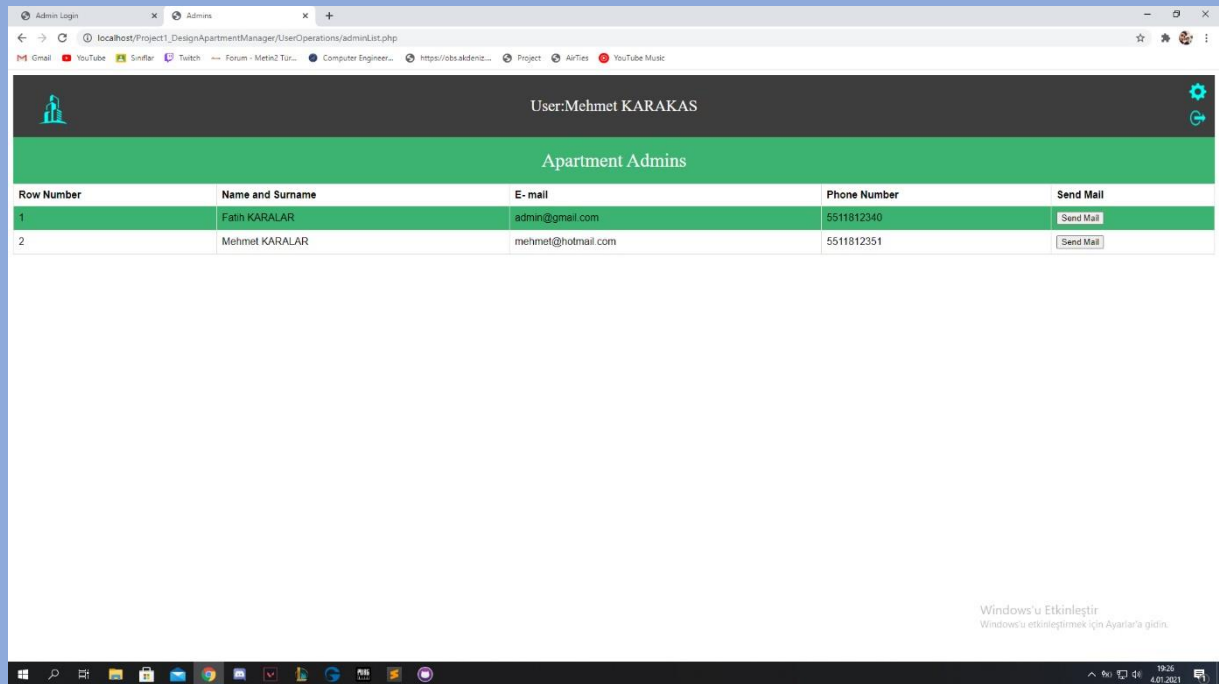
### 1)Resident Homepage



When a resident logged in,it will be redirected to the admin homepage.

Resident can choose operations that he/she wants to do.

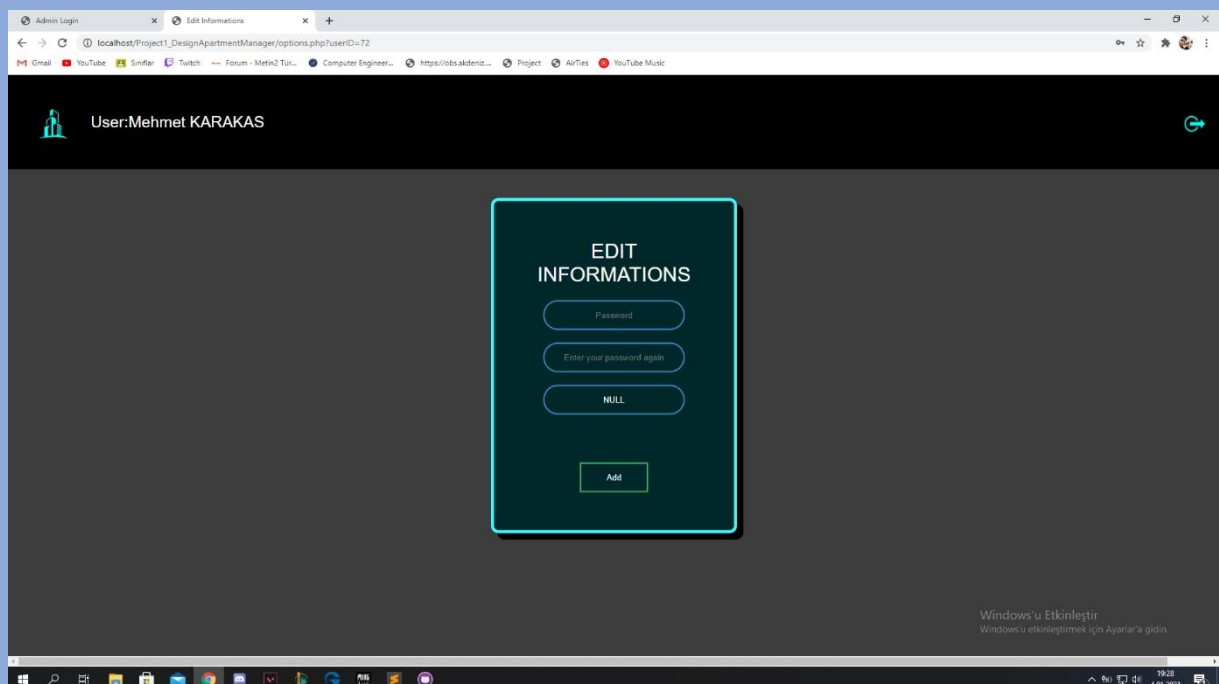
## 2-Admins List



Row Number	Name and Surname	E-mail	Phone Number	Send Mail
1	Fatih KARALAR	admin@gmail.com	5511812340	<a href="#">Send Mail</a>
2	Mehmet KARALAR	mehmet@hotmail.com	5511812351	<a href="#">Send Mail</a>

Residents can see all admins of the apartment and their informations. Also residents can send an e-mail to the admins.

## 3-Residents can edit their informations



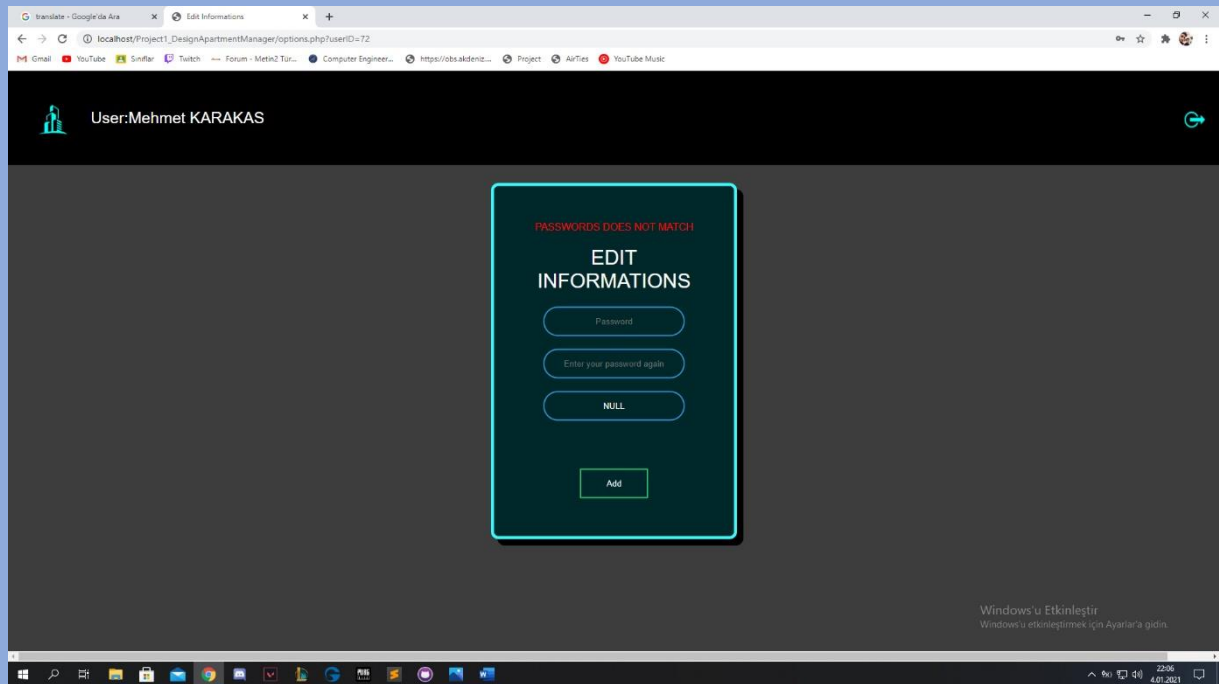
EDIT  
INFORMATIONS

NULL

Residents can edit their passwords and phone numbers. They must enter the new password 2 times and passwords must be the same. Also the password must contain at least one number an done uppercase letter and lowercase letter, also it must contains 8 or more characters for security. Residents can change their phone number if the number does not exists in the database.

The image is a screenshot of a web browser window. The browser's address bar shows a local host URL: localhost/Project1\_DesignApartmentManager/options.php?userId=72. The browser's tabs include 'translate - Google'da Ara', 'Edit Informations', 'Gmail', 'YouTube', 'Siniflar', 'Twitch', 'Forum - Meta2 Tür...', 'Computer Engineer...', 'https://obs.akdeniz...', 'Project', 'AirTies', and 'YouTube Music'. The browser's user interface is dark-themed. The main content area shows a user profile for 'User:Mehmet KARAKAS'. A central modal box titled 'EDIT INFORMATIONS' is open. It contains two input fields, both with red error messages. The first input field has a red error message that says 'Lütfen istenen biçimi seçtinir.' (Please select the required format). The second input field has a red error message that says 'Lütfen istenen biçimi seçtinir.' (Please select the required format). Below the input fields is a button labeled 'NULL'. Below the 'NULL' button is a button labeled 'Add'. The browser's taskbar is visible at the bottom, showing various application icons and the system clock.

Also the phone number format must be valid.



If the passwords are not same,the resident will see an error message like this.

## 4-Residents can see the expenses list.

The screenshot shows a web browser window with the URL `localhost/Project1_DesignApartmentManager/UserOperations/expensesList.php?userID=72`. The user is logged in as 'User:Mehmet KARAKAS'. The page displays a table titled 'Expenses List' with the following data:

Row Number	Admin Name	Admin Phone Number	Amount	Details	Date of Upload
1	Fatih KARALAR	5511812340	3000₺	Camera systems maintenance	2020/12/22
2	Fatih KARALAR	5511812340	3000₺	Elevator Maintenance	2020/12/22
3	Fatih KARALAR	5511812340	500₺	test	2020/12/22
4	Fatih KARALAR	5511812340	2000₺	su giderleri	2020/12/23
5	Mehmet KARALAR	5511812351	7000₺	Electric systems maintenance	2020/12/23
6	Fatih KARALAR	5511812340	20000₺	test	2020/12/23
7	Fatih KARALAR	5511812340	1900₺	elektrik giderleri	2020/12/23
8	Fatih KARALAR	5511812340	1900₺	testson	2020/12/27
9	Mehmet KARALAR	5511812351	190000₺	Test	2020/12/29
10	Fatih KARALAR	5511812340	1980₺	elektrik altyapı bakımı	2021/01/02
11	Fatih KARALAR	5511812340	2600₺	Water expenses	2021/01/04

The Windows taskbar at the bottom shows the date as 4.07.2021 and the time as 19:28.

The residents can see the all expenses of the apartment and their amounts,dates,details and admins who added the expense.When an admin add a new expense this list will be updated dynamically.

## 5-Resident can pay their debts

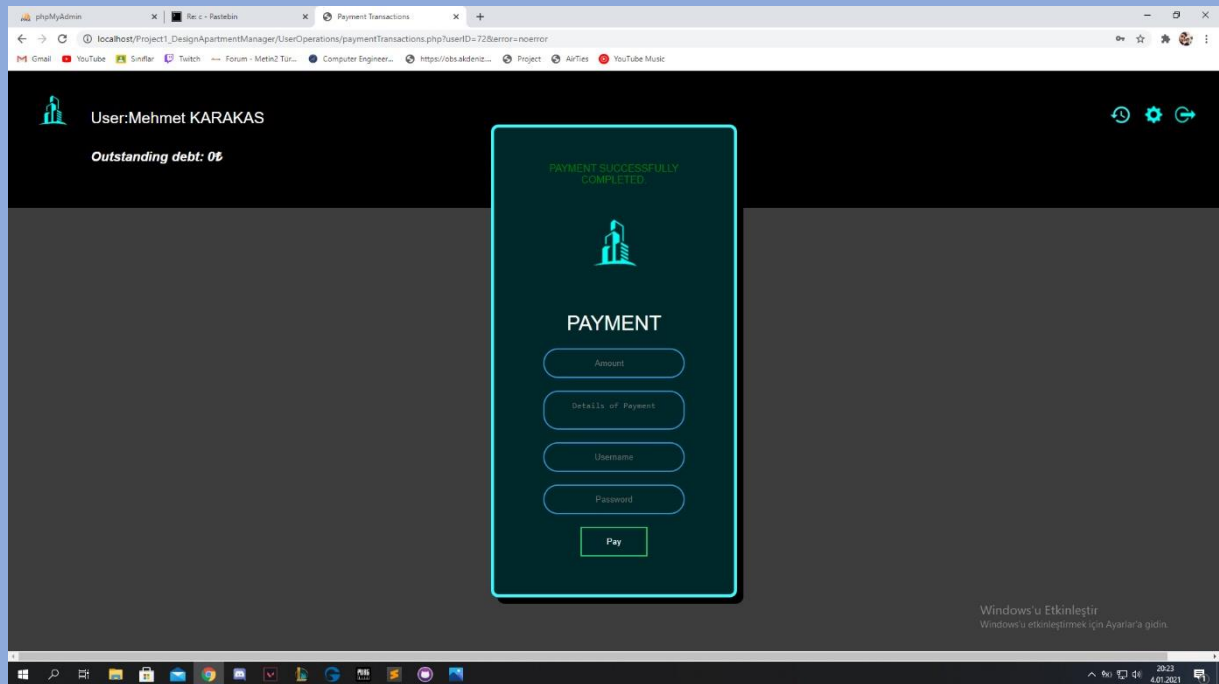
The screenshot shows a web application interface for a resident named Mehmet KARAKAS. The user's outstanding debt is 12.5 TL. A central modal window titled "PAYMENT" contains the following fields: a numeric input with the value "12.5", a text input labeled "water expenses", a text input with the value "mehmetkarakas", and a password input field. A "Pay" button is at the bottom of the modal. The background is dark gray with a blue header bar. The browser's address bar shows the URL: localhost/Project1\_DesignApartmentManager/UserOperations/paymentTransactions.php.

Residents can pay their debts, they can enter an amount to pay and its details. Also residents must enter their passwords and usernames to pay. Otherwise they can not pay their debts.

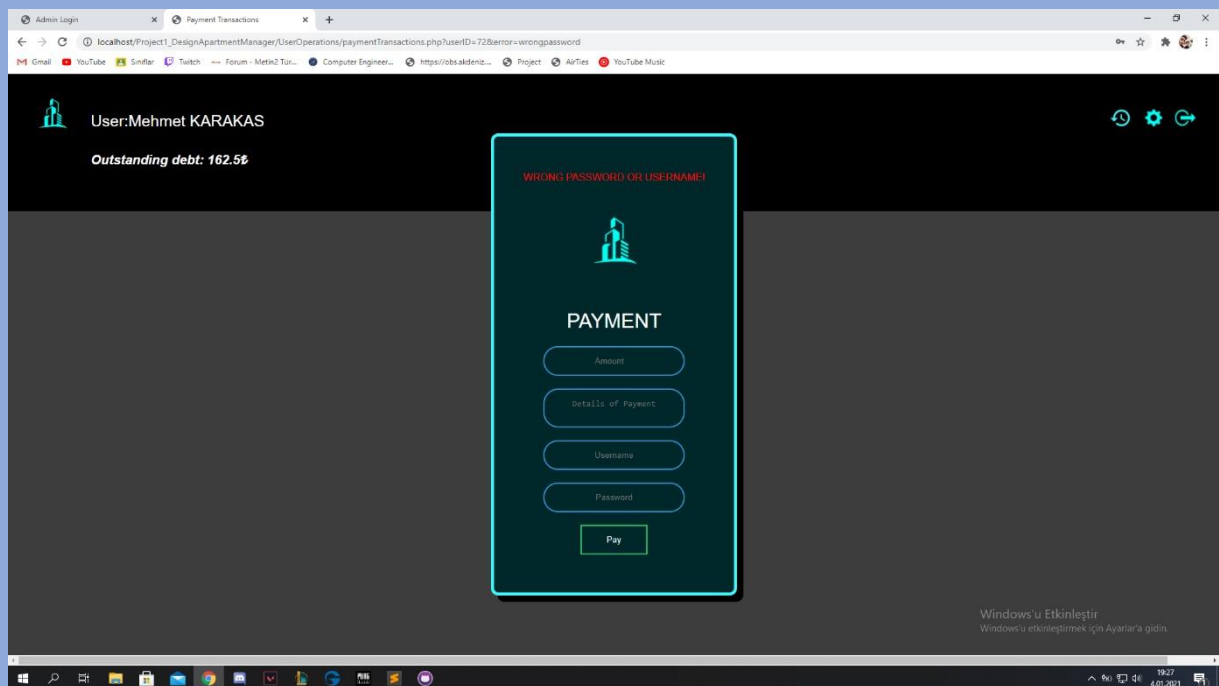
The screenshot shows the same web application interface, but with an error message displayed. The user's outstanding debt is 162.5 TL. The "PAYMENT" modal window has the numeric input field set to "300". A yellow error message box appears below the input field, stating: "Değer 162.5 veya daha küçük olmalıdır." (Value must be 162.5 or less). The other fields (username, password, and "Pay" button) are visible below the error message. The background and browser address bar are the same as in the previous screenshot.

The amount of the payment can not be higher than the debt of the resident. Also the amount can not be negative





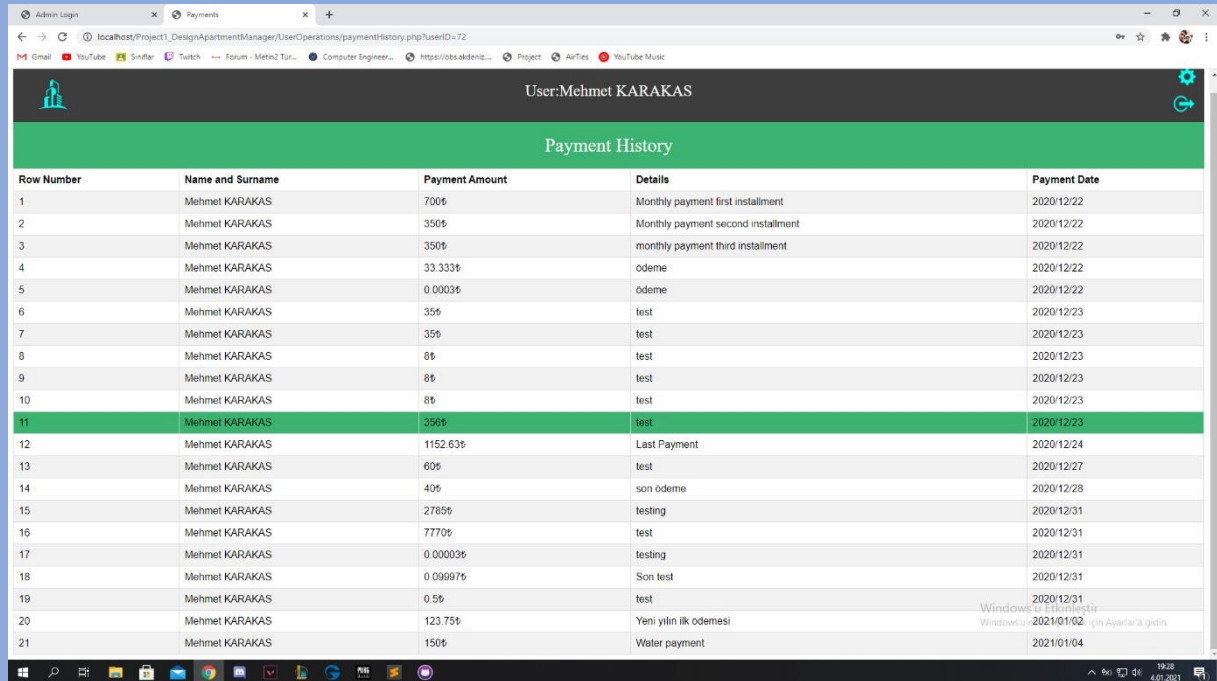
And if the payment completed successfully the resident will see a message like this and its debts decrease dynamically.



If the password or username is not correct, the resident cannot pay the debt and will see an error message like this.

In this page residents can see the payment history using the history button.

## 6-Residents can see the payment history.

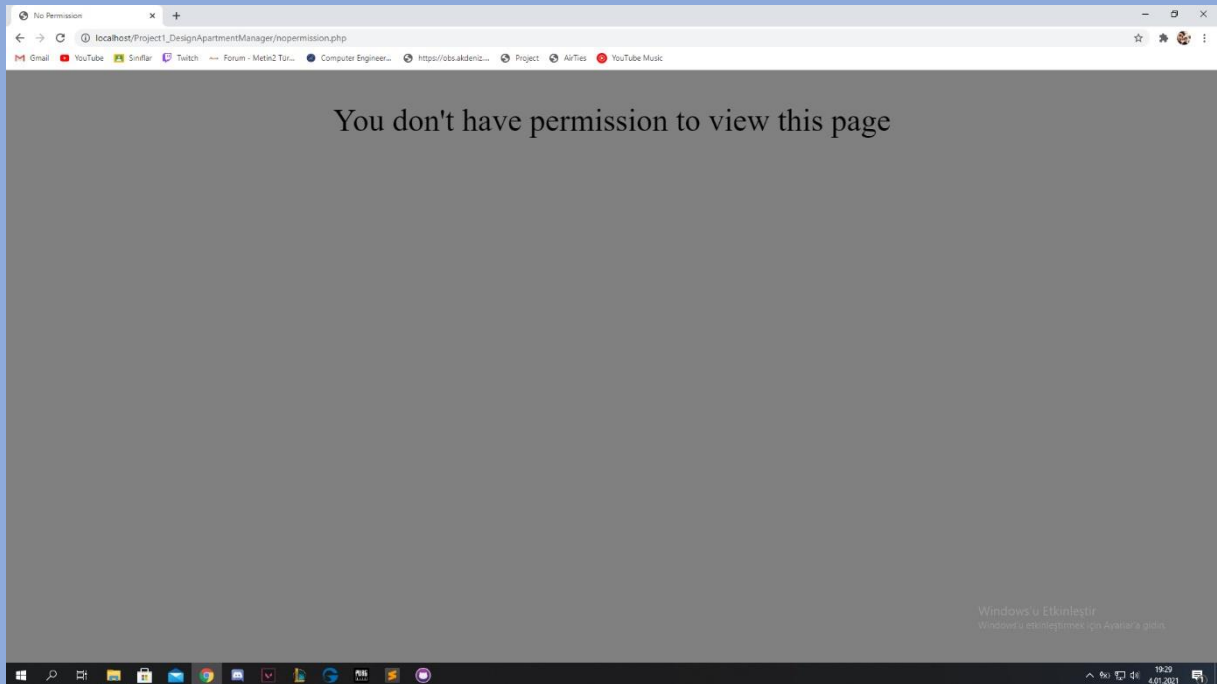


Payment History				
Row Number	Name and Surname	Payment Amount	Details	Payment Date
1	Mehmet KARAKAS	700₺	Monthly payment first instalment	2020/12/22
2	Mehmet KARAKAS	350₺	Monthly payment second instalment	2020/12/22
3	Mehmet KARAKAS	350₺	monthly payment third instalment	2020/12/22
4	Mehmet KARAKAS	33.333₺	ödeme	2020/12/22
5	Mehmet KARAKAS	0.0003₺	ödeme	2020/12/22
6	Mehmet KARAKAS	35₺	test	2020/12/23
7	Mehmet KARAKAS	35₺	test	2020/12/23
8	Mehmet KARAKAS	8₺	test	2020/12/23
9	Mehmet KARAKAS	8₺	test	2020/12/23
10	Mehmet KARAKAS	8₺	test	2020/12/23
11	Mehmet KARAKAS	350₺	test	2020/12/23
12	Mehmet KARAKAS	1152.63₺	Last Payment	2020/12/24
13	Mehmet KARAKAS	60₺	test	2020/12/27
14	Mehmet KARAKAS	40₺	son ödeme	2020/12/28
15	Mehmet KARAKAS	2785₺	testing	2020/12/31
16	Mehmet KARAKAS	7770₺	test	2020/12/31
17	Mehmet KARAKAS	0.00003₺	testing	2020/12/31
18	Mehmet KARAKAS	0.09997₺	Son test	2020/12/31
19	Mehmet KARAKAS	0.5₺	test	2020/12/31
20	Mehmet KARAKAS	123.75₺	Yeni yılın ilk ödemesi	2021/01/02
21	Mehmet KARAKAS	150₺	Water payment	2021/01/04

Residents can see their payments and it's details, amounts and dates. When a resident makes a new payment, the payments list will be updated dynamically.

## C-OTHER

# 1-No permission page



If someone tries to access the pages without logged in, then the system redirects it to the no permission page for security. For example when I try to access add resident page without logged in, then the system will redirect me to this page.

## 2-Entity-Relationships diagram of the database

