



NATIONAL TECHNICAL UNIVERSITY OF ATHENS
ELECTRICAL AND COMPUTER ENGINEERING

DATABASES PROJECT

6th SEMESTER

2017-2018

Hotelfinder

Website Presentation

Antoniadis Panagiotis

Bazotis Nikolaos

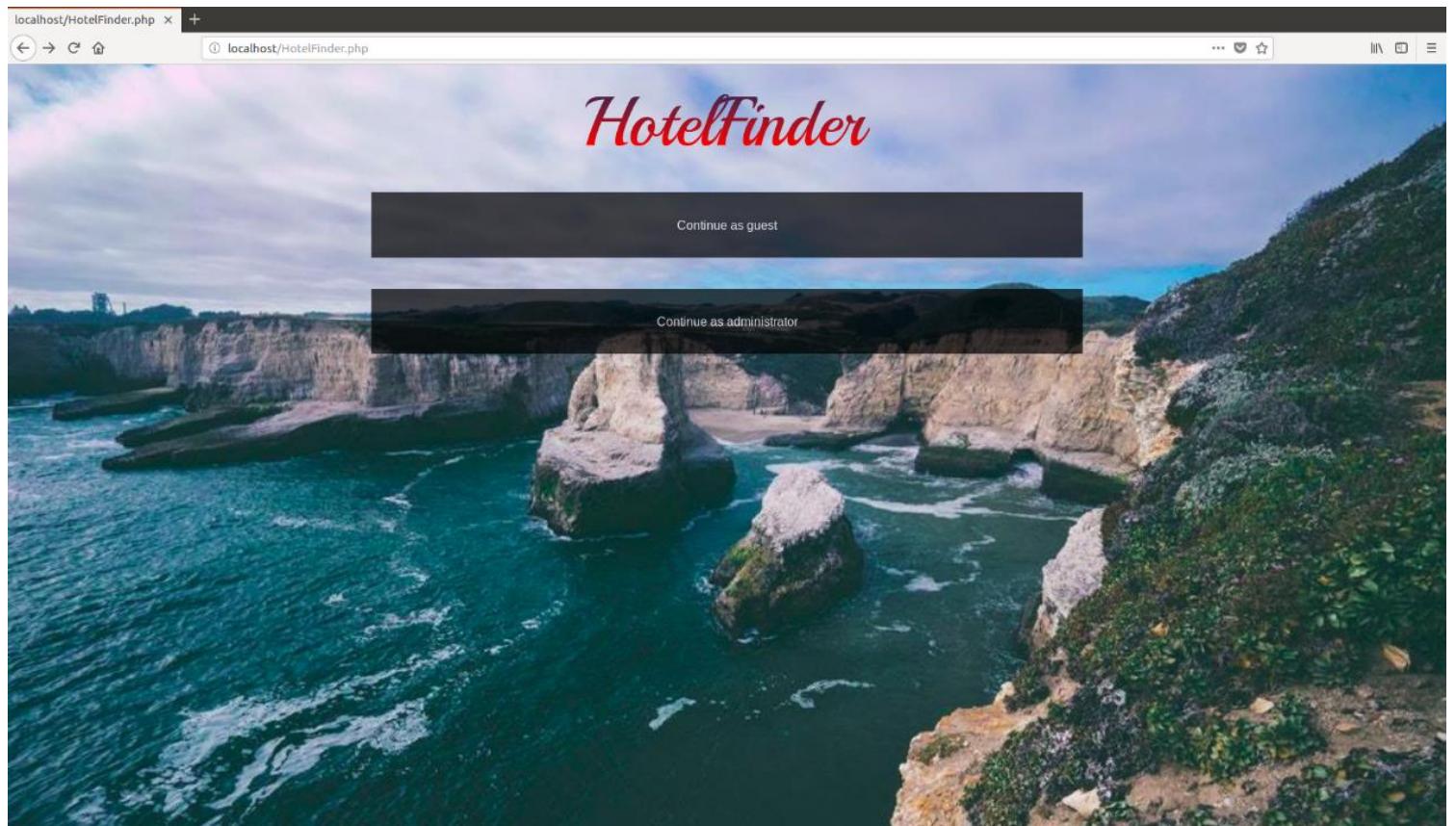
Masouris Athanasios

Contents

Home Page	4
Guest path.....	5
Search Hotel Tab.....	5
Hotel Groups Tab	6
Hotel Group Contact Info	7
Hotel Group Hotel Info	7
Hotels Tab	8
Rooms by Location Tab.....	9
Rooms by Capacity Tab.....	10
Search Hotel Tab.....	11
User's first booking at the site	15
Confirmation ticket for the booking	16
I have booked a room before	17
Administrators' path.....	19
Search Hotel Tab	21
Hotel Groups Tab	22
Add New Hotel Group button	23
Update Hotel Group button	23
Rooms Tab.....	25
Add New Room button	26
View Details button	26
Update Room button.....	27
Hotels Tab	28
Add New Hotel button.....	29
View Details button	29
Update Hotel button.....	30
Employees Tab	31
Add New Employee button	32
View Details button	32
Update Employee button	33
Customers Tab	34
Add New Customer button.....	35
View Details button	35
Update Customer button.....	36

Reserves Tab	37
Add New Reserve button	38
Update Reserve button	38
Rents Tab.....	39
Add New Rent button.....	40
Update Rent button.....	40
Manage Accounts tab	41
Filling successfully any of the above forms.....	42

Home Page

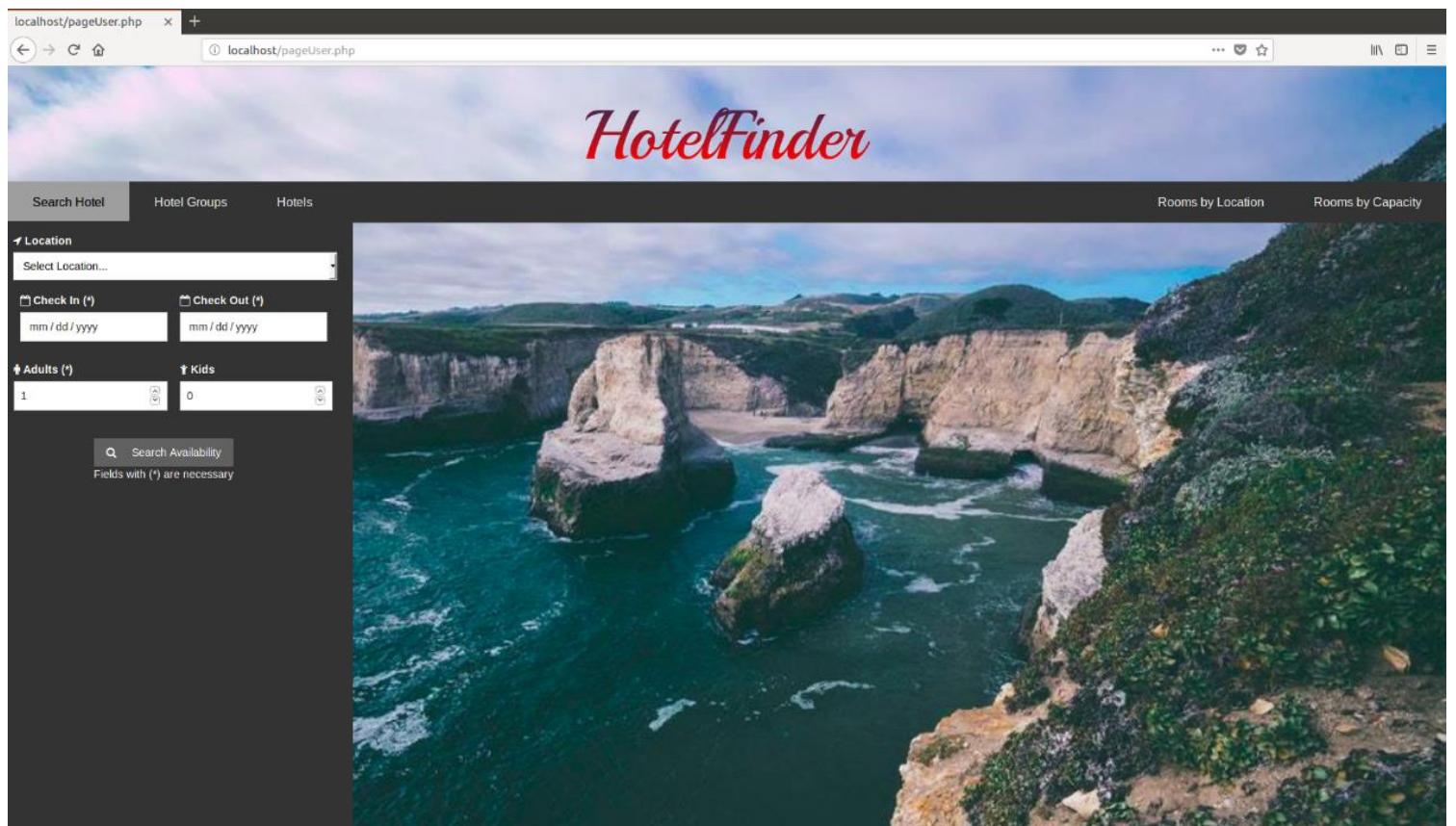


At the home page you have to choose between the above two options:

1. You can either **continue as a guest**
2. or you can **login as an administrator** and get the administrative privileges.

Guest path

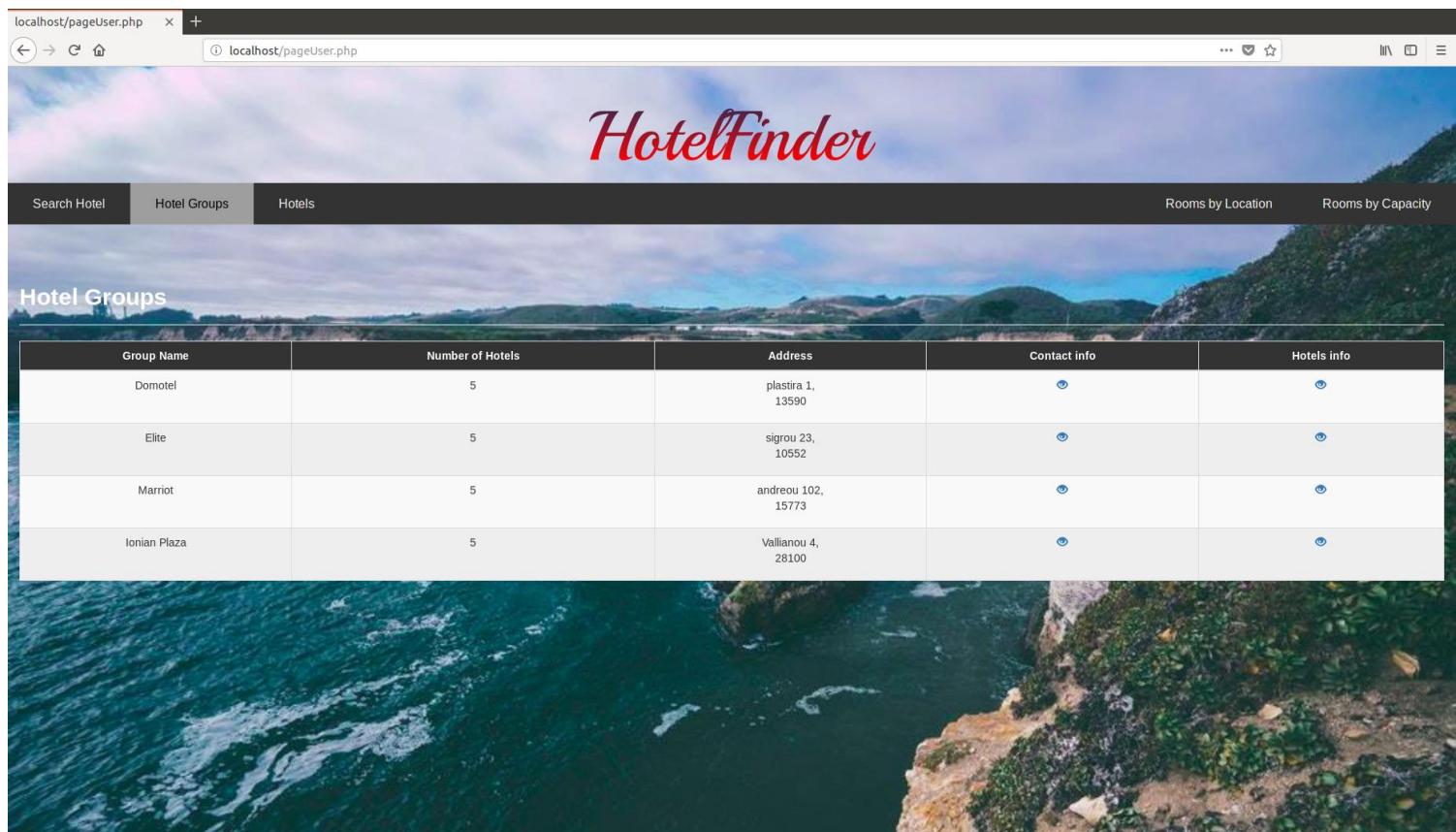
Search Hotel Tab



If you chose the option 1 (**continue as a guest**) then the above interface is that you will first see.

From this interface you can navigate between the five tabs in the top navigation bar. The content of each tab is as follows:

Hotel Groups Tab



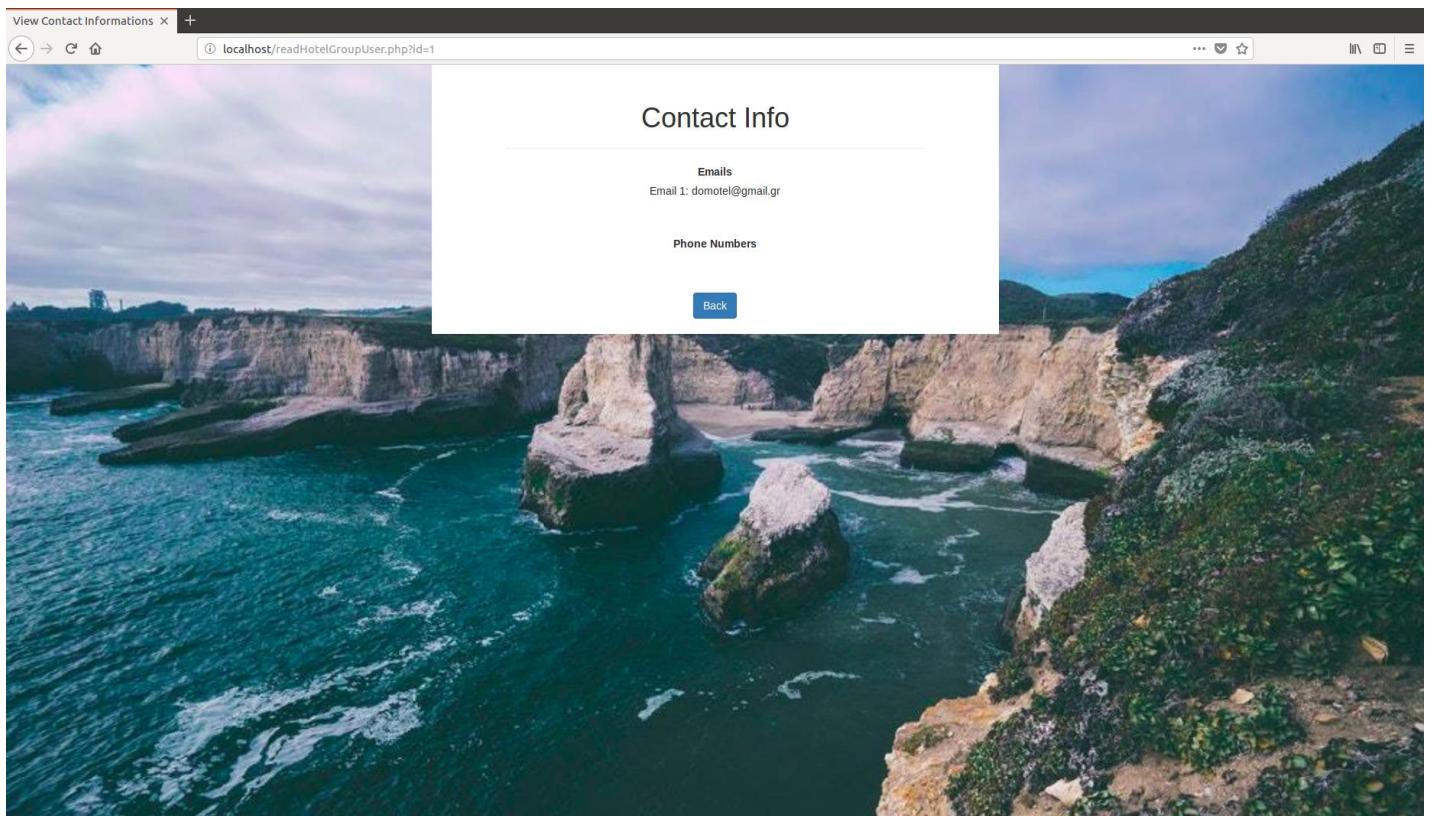
The screenshot shows a web browser window for 'localhost/pageUser.php'. The title bar says 'localhost/pageUser.php'. The main content area features a large red 'Hotelfinder' logo over a scenic background of mountains and water. Below the logo is a navigation bar with tabs: 'Search Hotel', 'Hotel Groups' (which is active), 'Hotels', 'Rooms by Location', and 'Rooms by Capacity'. Under the 'Hotel Groups' tab, there is a table titled 'Hotel Groups' with the following data:

Group Name	Number of Hotels	Address	Contact info	Hotels info
Domotel	5	plastira 1, 13590		
Elite	5	sigrou 23, 10552		
Marriot	5	andreou 102, 15773		
Ionian Plaza	5	Vallianou 4, 28100		

In the above tab we can see the hotel groups that cooperate with our site and the contact and hotel information for each and every one of them.

For example, if we choose the contact and the hotel info buttons for the Domotel Hotel Group then the following pages will open:

Hotel Group Contact Info



View Contact Informations X +

localhost/readHotelGroupUser.php?id=1

Contact Info

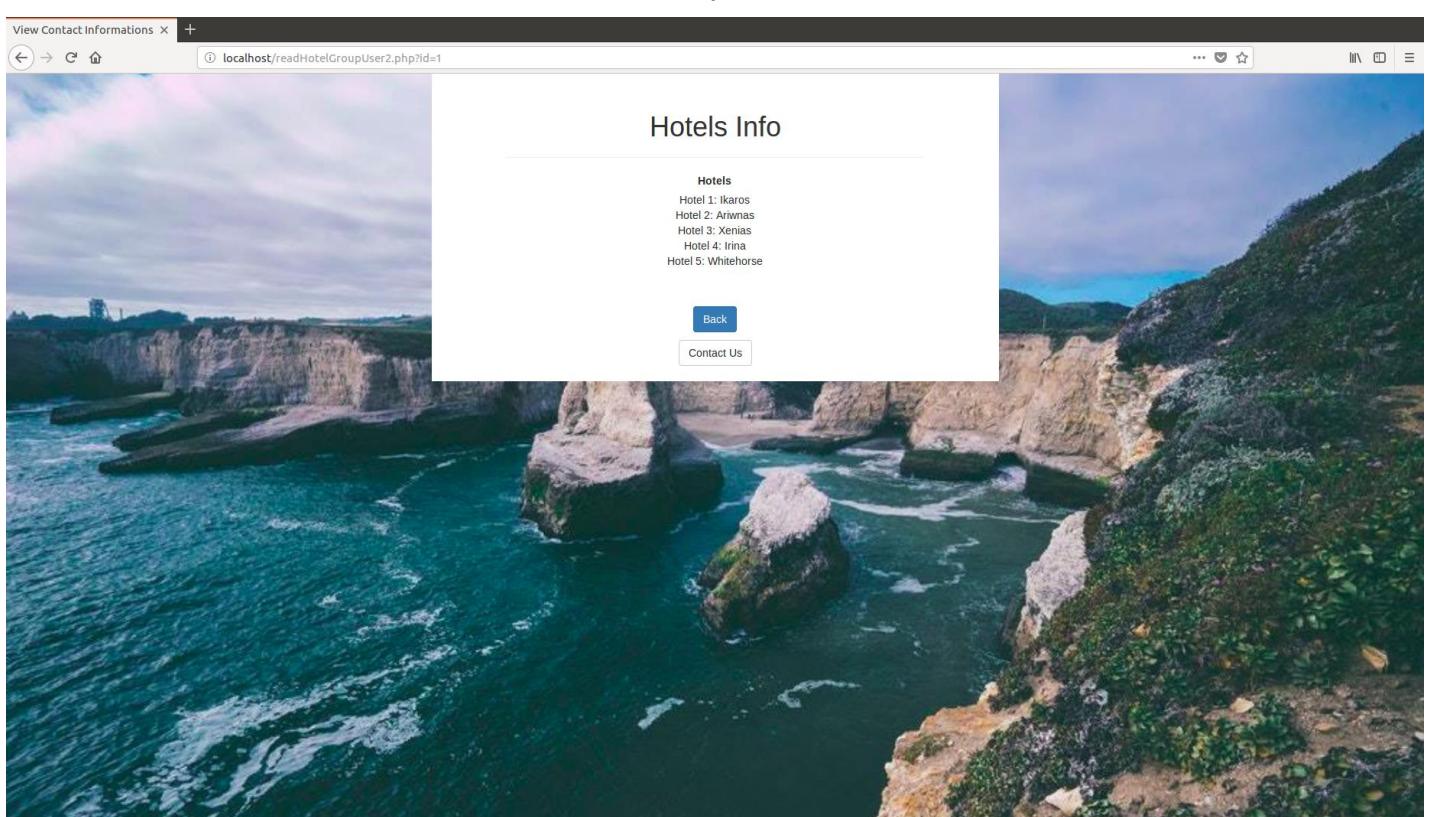
Emails

Email 1: domotel@gmail.gr

Phone Numbers

[Back](#)

Hotel Group Hotel Info



View Contact Informations X +

localhost/readHotelGroupUser2.php?id=1

Hotels Info

Hotels

Hotel 1: Ikaros
Hotel 2: Arinwas
Hotel 3: Xenias
Hotel 4: Irina
Hotel 5: Whitehorse

[Back](#)

[Contact Us](#)

Hotels Tab

The screenshot shows a web browser window with the URL `localhost/pageUser.php?filter=1`. The page title is "Hotelfinder". The navigation bar includes links for "Search Hotel", "Hotel Groups", "Hotels" (which is the active tab), "Rooms by Location", and "Rooms by Capacity". Below the navigation is a search bar labeled "Search for hotel names...". A table displays hotel details:

Name	Hotel Group	Address	Stars	Number of Rooms	Contact Us
ikaros	Domotel	Athens, Voulis 13, 13568	5	17	Contact Us
Ariwnas	Domotel	Athens, kuprou 7, 10898	4	7	Contact Us
Xenia	Domotel	Volos, danawn 39, 35681	3	14	Contact Us
Irina	Domotel	Kalamata, Dafnis 67, 43268	2	15	Contact Us
Whitehorse	Domotel	Thessaloniki, Dirraxiou 74, 23568	4	15	Contact Us
Kymothoe	Elite	Mykonos, Didotou 33, 56833	5	15	Contact Us
Marina	Elite	Mykonos, Papandreou 8, 56833	4	15	Contact Us
Mediteranian	Elite	Rodos, Halkis 3, 33568	3	14	Contact Us
aristoteles	Elite	Kalamata, Miaouli 21.	4	11	Contact Us

At this page you can press the Contact Us button and see the contact information for the hotel at the same line as the button.

There is also a search field at which you can write the name of the hotel that you are looking for.

Rooms by Location Tab

The screenshot shows a web browser window for 'localhost/pageUser.php?filter=2'. The page title is 'Hotelfinder'. The navigation bar includes 'Search Hotel', 'Hotel Groups', 'Hotels', 'Rooms by Location' (which is the active tab), and 'Rooms by Capacity'. Below the navigation is a banner with a scenic mountain landscape. The main content area is titled 'Rooms Details' and features a search bar labeled 'Select Location...'. A table lists hotel room details:

Hotel	Price	Capacity	View	Expendability	Needed Repairs	City	Amenities
Aliki	60	2	City	2	broken door	Corfu	<ul style="list-style-type: none">• TV• Towels• Refrigerator• AC• WiFi• Hair Dryer
Aliki	30	1	Sea	1	No	Corfu	<ul style="list-style-type: none">• TV• Towels• WiFi• AC• Mini Bar• Hair Dryer
Aliki	120	4	Sea	0	TV,AC	Corfu	<ul style="list-style-type: none">• TV• Towels• WiFi• AC• Mini Bar• Hair Dryer
Aliki	120	4	City	0	No	Corfu	<ul style="list-style-type: none">• TV• Towels• Refrigerator• AC• WiFi• Hair Dryer
Aliki	30	1	Sea	2	AC,broken shower head	Corfu	<ul style="list-style-type: none">• TV• Towels• WiFi• AC• Mini Bar• Hair Dryer
Aliki	90	3	Sea	1	No	Corfu	<ul style="list-style-type: none">• TV• Towels• WiFi• AC• Mini Bar• Hair Dryer

At this page you can see the information for every hotel room available in our site. Also you can filter the results by the location you want via the following drop-down list.

The screenshot shows the same web browser window as above, but with a dropdown menu open from the 'Select Location...' search bar. The menu lists various locations: Athens, Mykonos, Paros, Corfu, Thessaloniki, Volos, Rodos, Argostoli, Kalamata, Irakleio, Leukada, and Zante.

Rooms by Capacity Tab

At this tab you can see the same information as above but this time you can filter them by room capacity.

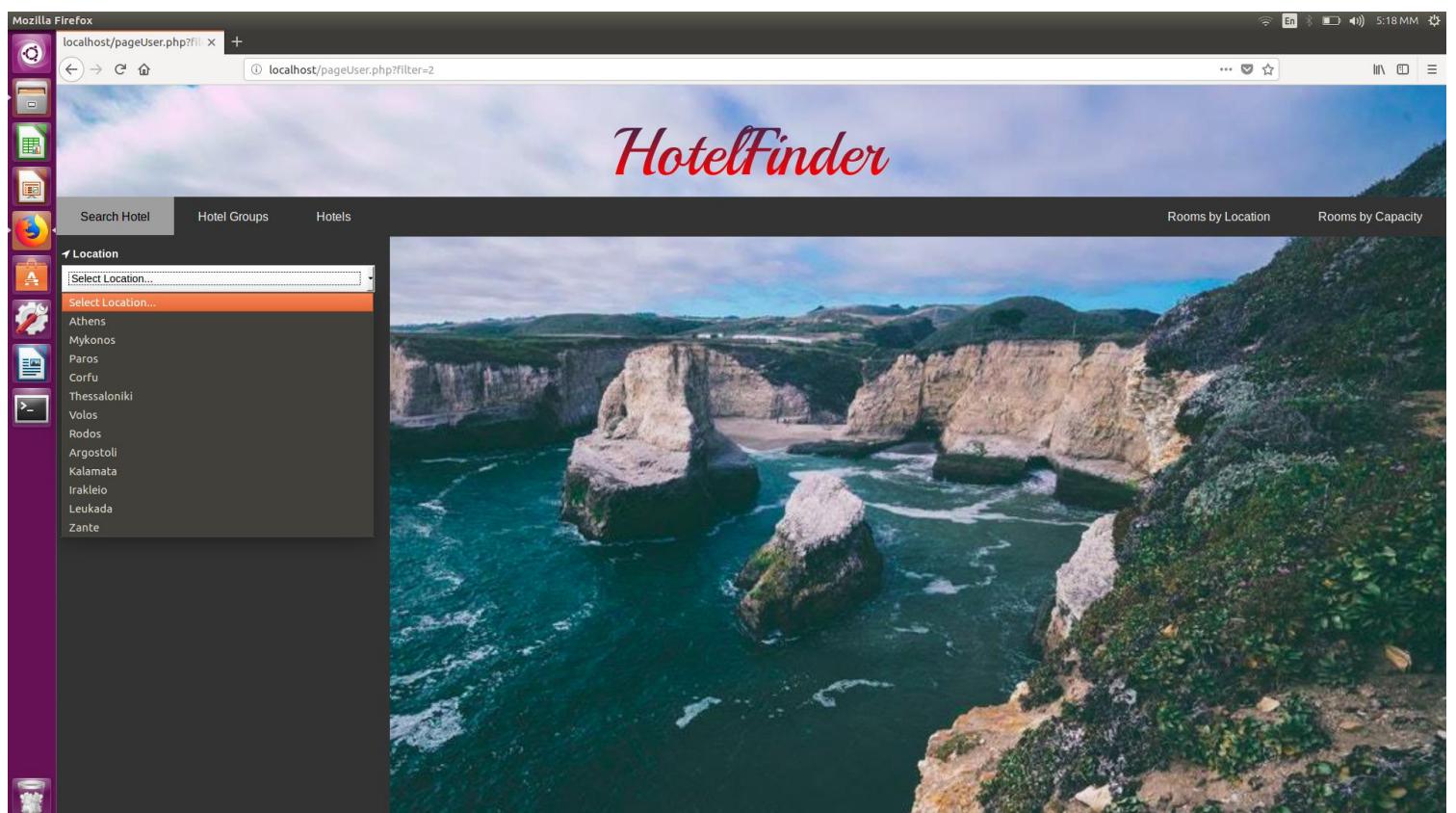
The screenshot shows a Mozilla Firefox browser window displaying the HotelFinder website at localhost/pageUser.php?filter=2. The page title is "Hotelfinder". The navigation bar includes links for "Search Hotel", "Hotel Groups", "Hotels", "Rooms by Location", and "Rooms by Capacity". A sidebar on the left contains icons for various hotel services. The main content area is titled "Rooms Details" and features a search bar labeled "Select Capacity...". Below the search bar is a dropdown menu with options 1, 2, 3, 4, and 5. The main table displays room details for five different rooms, each with columns for Room Name, Capacity, City, Sea View, Bed Type, Amenities (Refrigerator, TV, Towels, WiFi), and Room Type (AC, Mini Bar, Hair Dryer). The table rows are color-coded in a light grey and white pattern.

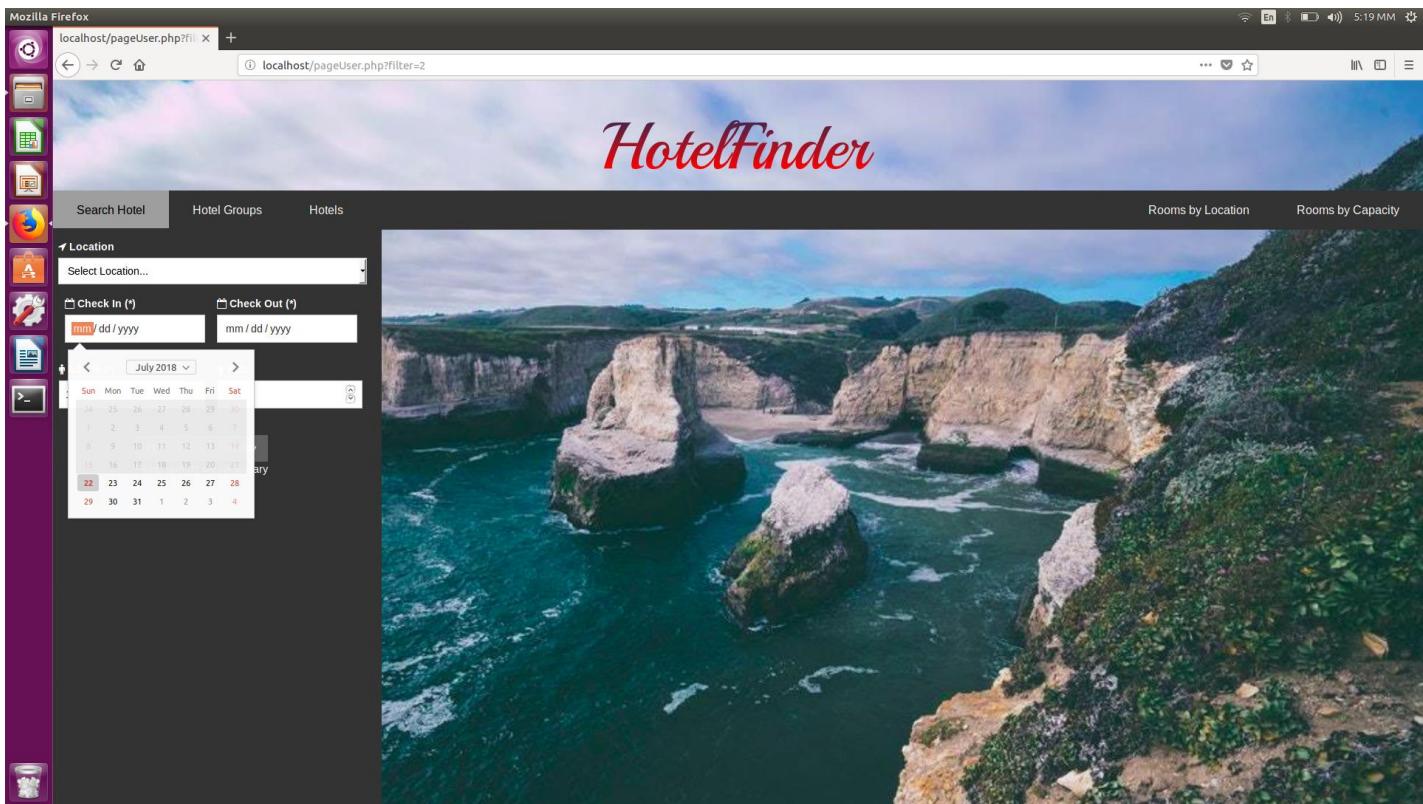
Room Name	Capacity	City	Sea	Bed Type	Amenities	Room Type		
Aliki	90	3	City	2	No	Corfu	Refrigerator: * TV, * Towels, * WiFi	Hair Dryer: * AC, * Mini Bar, * Hair Dryer
Aliki	120	4	Sea	0	TV replacement	Corfu	Refrigerator: * TV, * Towels, * WiFi	Hair Dryer: * AC, * WiFi, * Hair Dryer
Aliki	120	4	City	0	No	Corfu	Refrigerator: * TV, * Towels, * WiFi	Hair Dryer: * AC, * WiFi, * Hair Dryer
Aliki	60	2	Sea	2	No	Corfu	Refrigerator: * TV, * Towels, * WiFi	Hair Dryer: * AC, * Mini Bar, * Hair Dryer
Aliki	60	2	Sea	1	No	Corfu	Refrigerator: * TV, * Towels, * WiFi	Hair Dryer: * AC, * Mini Bar, * Hair Dryer

Search Hotel Tab

Now we go back to the first and most significant tab. The “Search Hotel” tab. To begin with our search, the guest has to fill the necessary fields. These fields are the Check-In date, the Check-Out date and the number of Adults and kids that will be accommodated by the room. The location field is optional.

The guest can select or fill the above fields as follows:





When these fields are filled, we press the “Search Availability” button. Then we will see the following content on our page.

Hotel	Price	Capacity	Room View	Expendable	Stars	Hotel Group	Amenities		Total number of rooms	Book it now !
Mediterranean	120	3	Sea	1	3	Elite	* TV * Towels * WiFi * Free Parking	* AC * Mini Bar * Hair Dryer * Breakfast	14	<input type="button" value="Book now !"/>
Mediterranean	120	3	Sea	1	3	Elite	* TV * Towels * WiFi * Free Parking	* AC * Mini Bar * Hair Dryer * Breakfast	14	<input type="button" value="Book now !"/>
Mediterranean	120	3	City	1	3	Elite	* TV * Towels * WiFi * Free Parking	* AC * Mini Bar * Hair Dryer * Breakfast	14	<input type="button" value="Book now !"/>

As we can see at the picture above, when the search is completed, a table with the rooms that qualify the guest's criteria fills the page. Then we can either select the rooms that we want to book and press the "Book Now!" button or we can make our criteria more specific by pressing the "Show filters" button.

On the following picture we can see the additional filters that we get on the navigation bar on the left side of the webpage. These filters are "real-time", which means that there is no need to press the search button again. When you select or change a filter the content of the table will be automatically refreshed to satisfy your criteria.

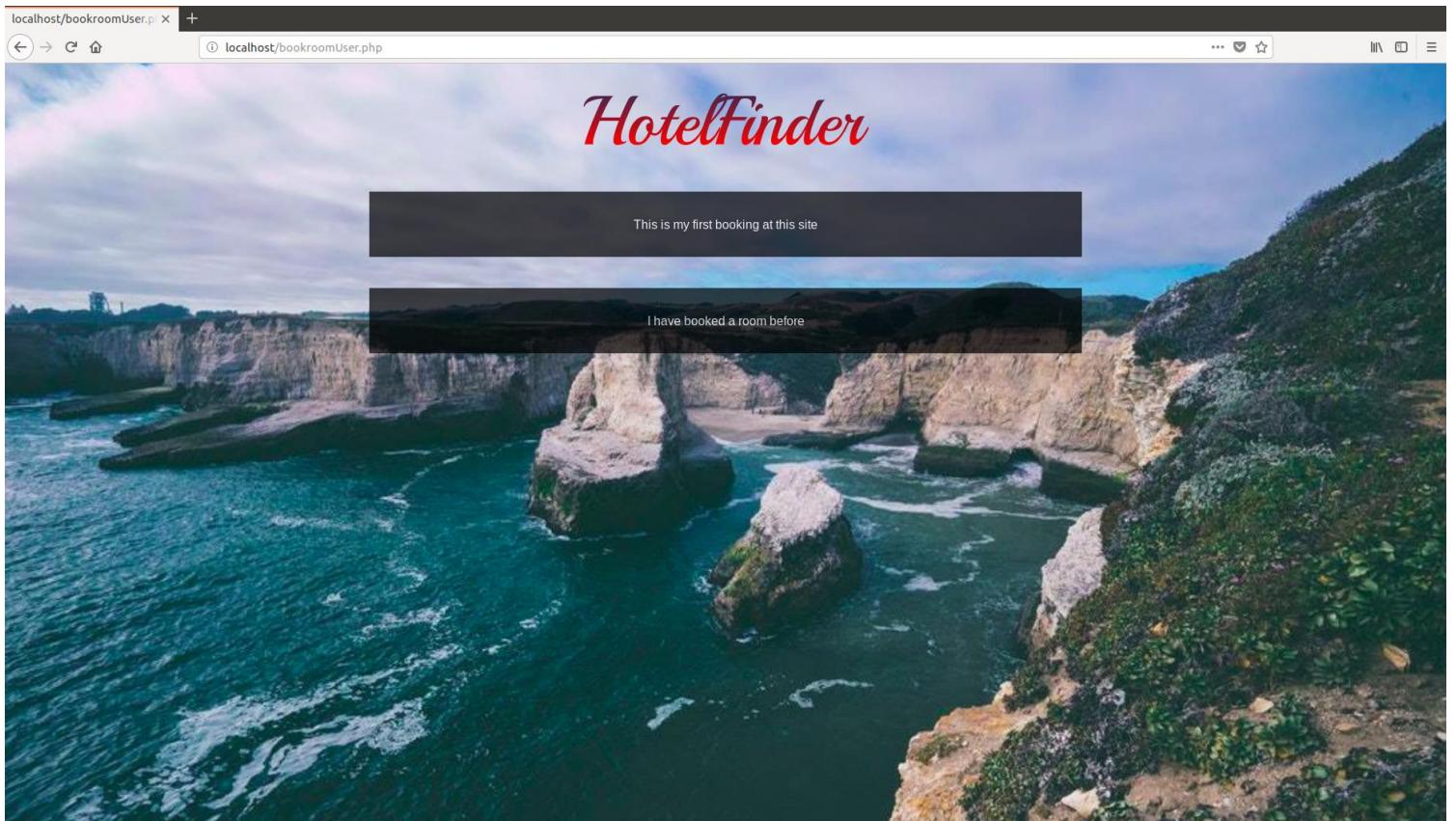
The screenshot shows a web browser window for 'localhost/pageUser.php'. The title bar says 'localhost/pageUser.php'. The main content area features a large banner with the 'Hotelfinder' logo. Below the banner, a heading 'Available Rooms' is followed by a 'Book now!' button and a 'Show filters' button. To the left, there is a sidebar with various search filters:

- Search Hotel:** Rodos
- Check In:** 07/22/2018, **Check Out:** 07/26/2018
- Adults:** 2, **Kids:** 2
- Search Availability:** Fields with (*) are necessary
- Hotel Group:** Elite
- Stars:** 3
- Price (min) per night:** 78, **Price (max) per night:** 694
- Minimum total number of rooms:** 0, **Maximum total number of rooms:** 72
- Amenities:** TV, AC, WiFi, Breakfast (checkboxes checked), Mini Bar, Kitchen, Towels, Room Service, Refrigerator, Pool, Hair Dryer, Free Parking (checkboxes unchecked)

The main table displays three rows of room information:

Hotel	Price	Capacity	Room View	Expendable	Stars	Hotel Group	Amenities		Total number of rooms	Book it now!
Mediterranean	120	3	Sea	1	3	Elite	* TV, * AC, * Towels, * Mini Bar, * WiFi, * Hair Dryer, * Free Parking	* Breakfast	14	<input checked="" type="checkbox"/>
Mediterranean	120	3	Sea	1	3	Elite	* TV, * AC, * Towels, * Mini Bar, * WiFi, * Hair Dryer, * Free Parking	* Breakfast	14	<input type="checkbox"/>
Mediterranean	120	3	City	1	3	Elite	* TV, * AC, * Towels, * Mini Bar, * WiFi, * Hair Dryer, * Free Parking	* Breakfast	14	<input checked="" type="checkbox"/>

When we finally find the room/rooms that match our criteria, we select them by clicking on their check boxes on the right side of the table. Then in order to continue with the booking, we press the “Book now!” button and we are redirected to the following page:



At this page we either select:

- **This is my first booking at this site or**
- **I have booked a room before**

User's first booking at the site

If the user selected that this is his first booking at the site, then the following page will be shown to him.

Create Record

Please fill this form and submit to add customer record to the database.

First Name
George

Last Name
Papadopoulos

IRS Number
568978456

SSN Number
150988143

Street
Kuprou

Street Number
44

Postal Code
18962

City
Athens

Do you want to pay upfront?
Yes

Total cost for this reservation is: 960 €

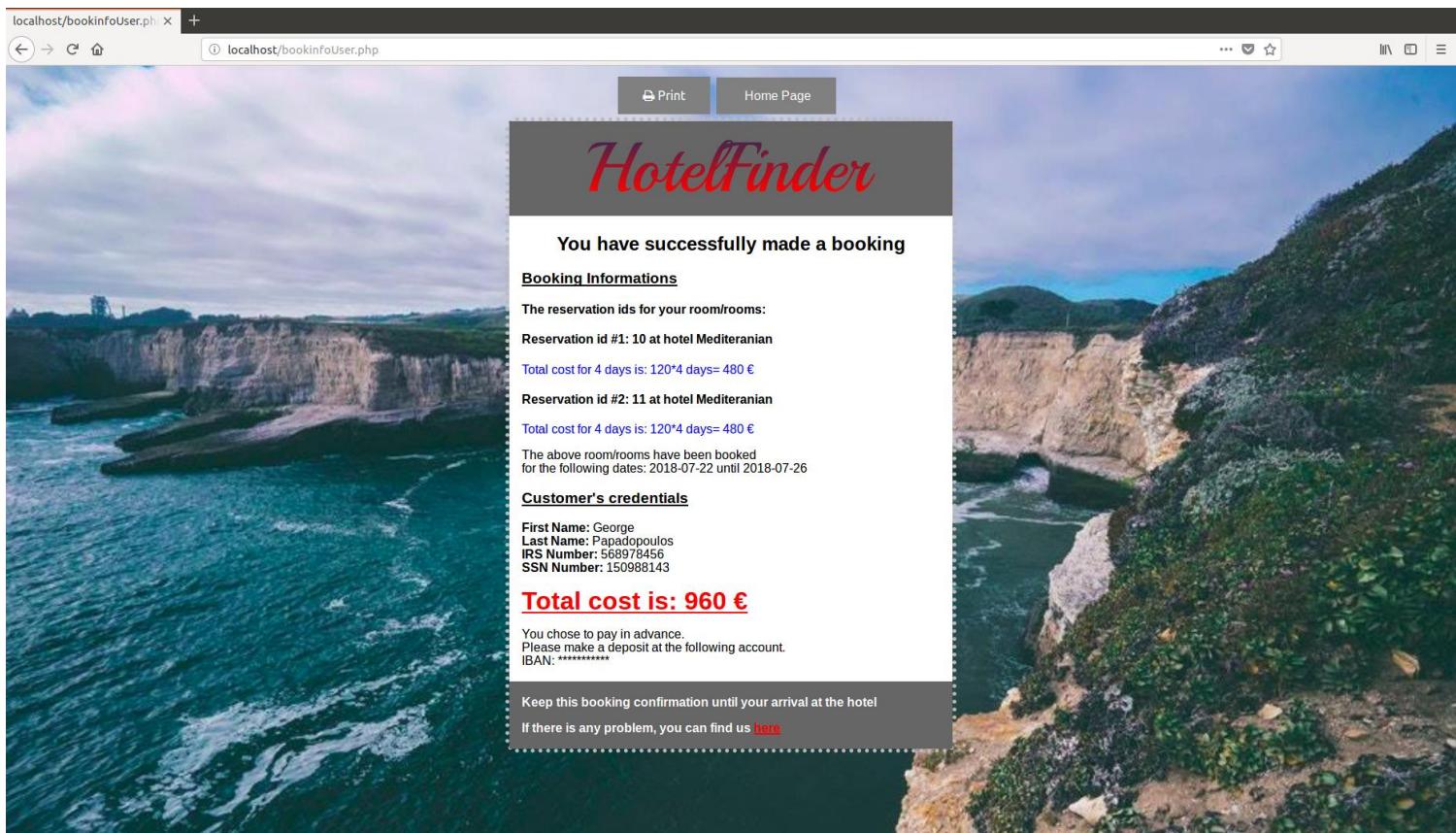
Are you sure that you want to continue with the booking
for the following dates?
2018-07-22 - 2018-07-26

Yes No

At the above page, the user can write his personal details and credentials that will be saved in our database for future use. Which means that the next time that he will book a room, he can choose the **“I have booked a room before”** option.

At this page the user can also see the total cost for his reservation. If the information that he entered are correct, he only has to press the **“yes”** button and then he will be redirected to the following page which contains the confirmation ticket for the booking.

Confirmation ticket for the booking

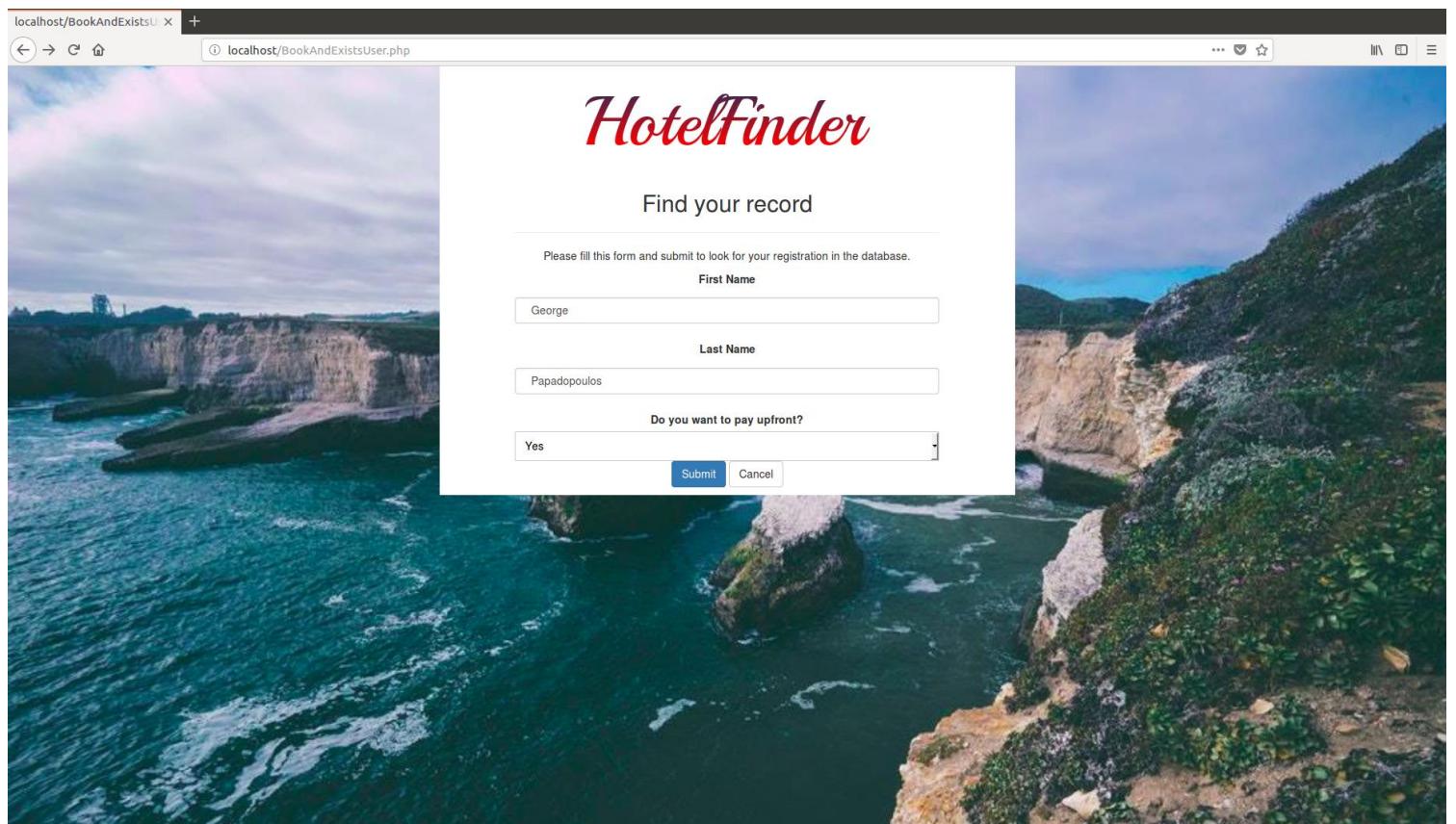


At the above confirmation ticket, the customer can see the reservation id for each room reservation as well as its cost for the days he have booked it. He can also see the total cost of the reservation and his credentials.

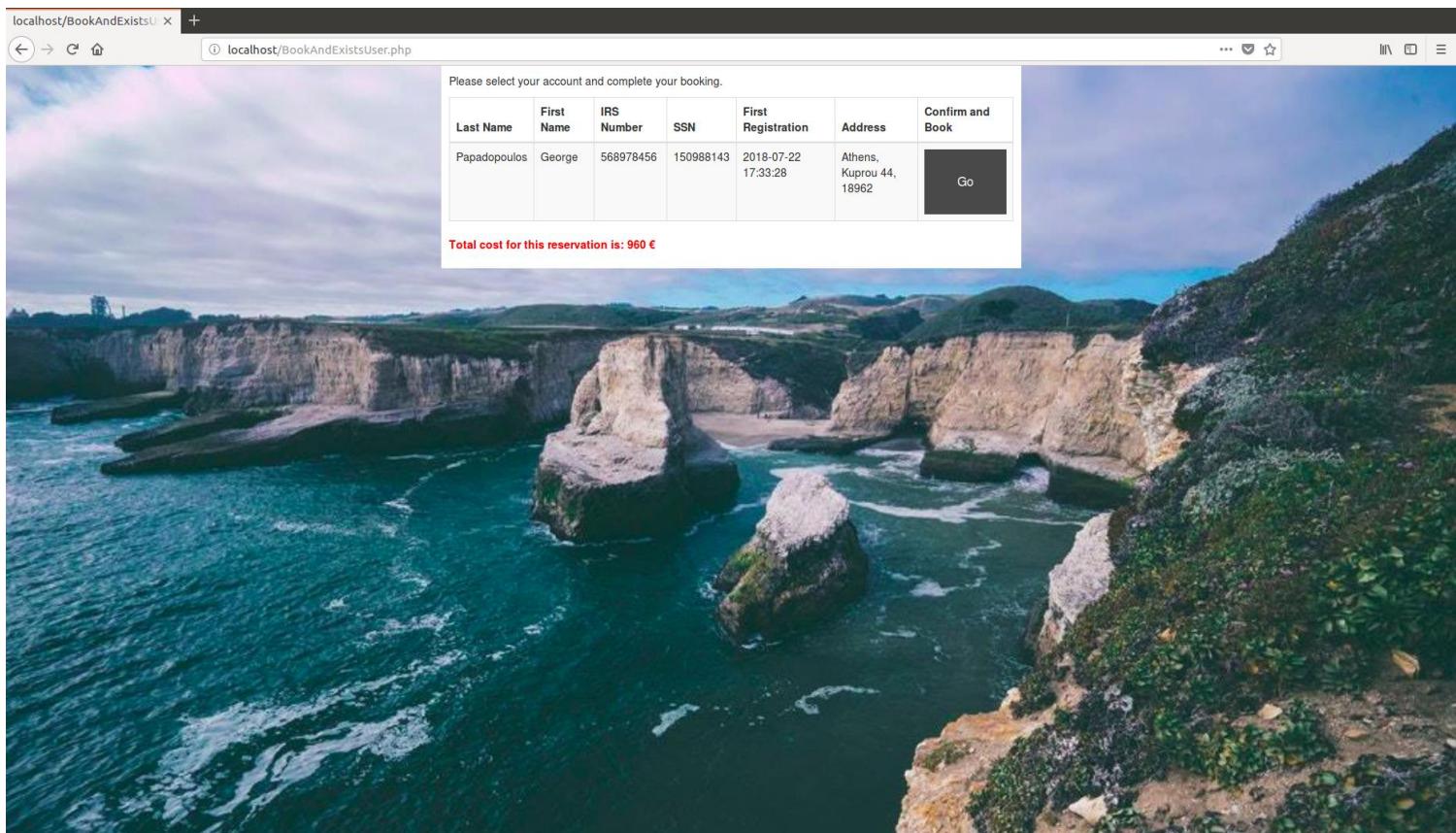
It is also recommended for the ticket to be printed and carried to the hotel at the date of the check-in.

I have booked a room before

If the user selects the “**I have booked a room before**” option, then he will be redirected to the following page.



At this page the user enters his first name, his last name and he has to choose between paying upfront or not. Then by submitting this form a table with all our customers that match the first and last name that have been entered is projected on the webpage.



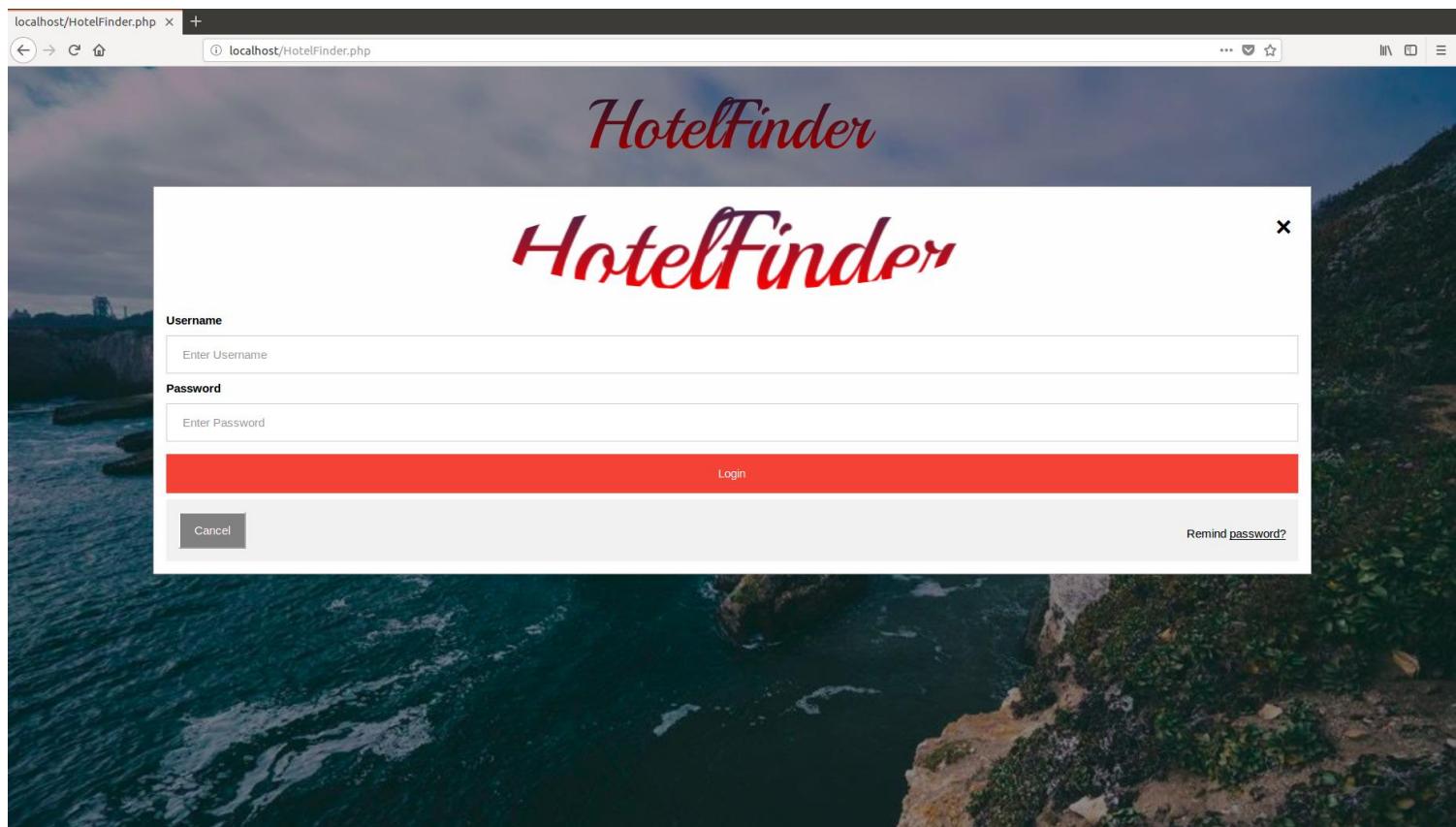
Then from the above list of customers' credentials he chooses his own by pressing the "**Go**" button on the same line as his credentials and he will be redirected to the page with the booking confirmation ticket as mentioned previously.

This concludes our website's utilities for its guests. With all the above you can search for the best matching room to your criteria. Then you can book this room via a well-organized and user friendly environment.

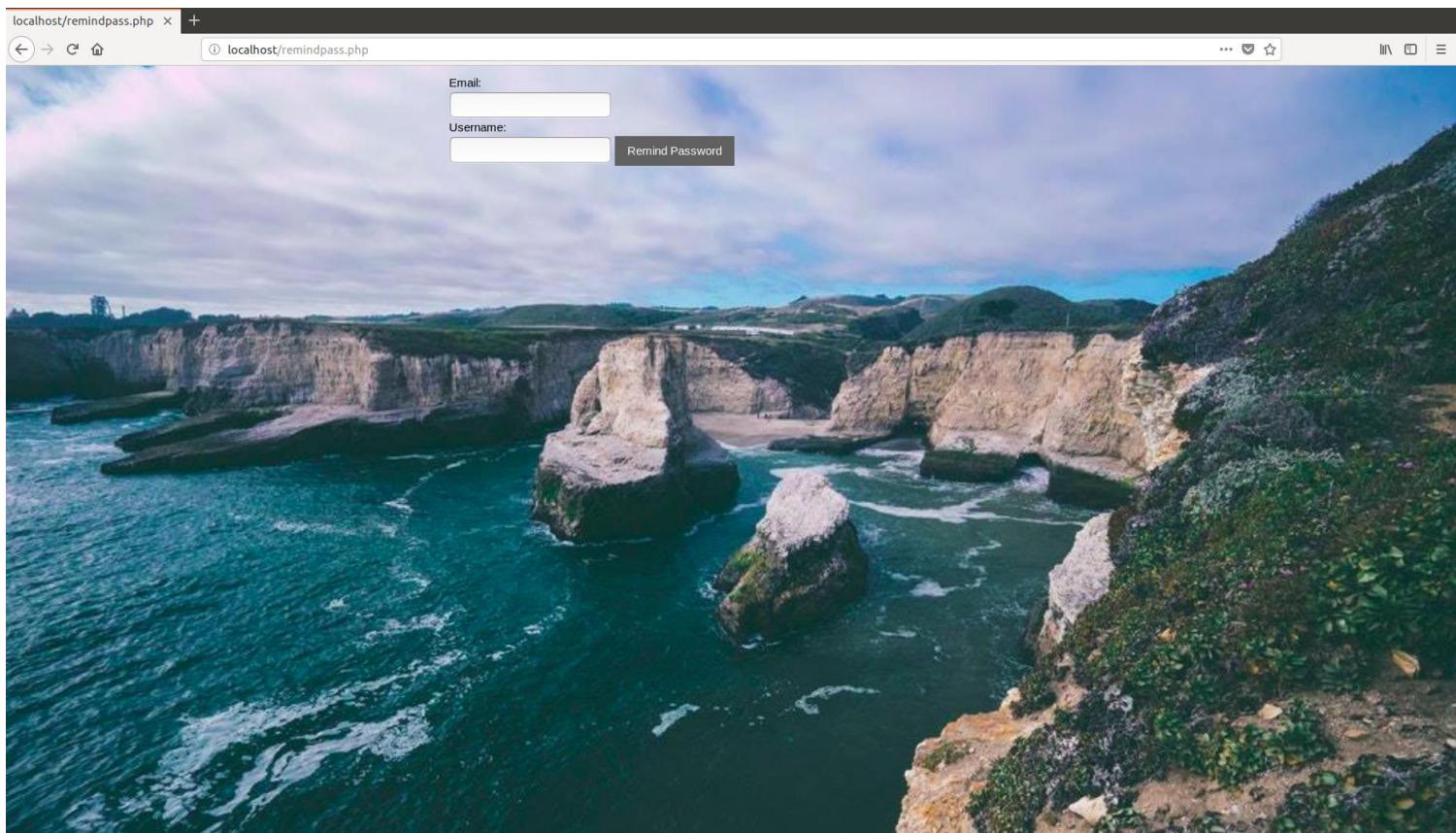
Now we move on to the Administrators interface.

Administrators' path

If you choose to press the “**Continue as administrator**” button, then you will be asked to login using your administrator account.



There is also a “**Remind password**” option in case that an administrator forgets his password. By pressing the hyperlink on the word “password” you will be redirected to the following page:



This page was designed to send an email to the address that the account on the field “Username” was registered to if it matched the email address written on the “Email” field.

However this utility is not fully implemented since our website was designed on local server and we weren’t able to send an email.

Search Hotel Tab

The first tab that you see when you have logged in as an administrator is the “Search Hotel” tab. Via this tab you can book a room exactly the same way as described for the “Search Hotel” tab in “Guest Path” on pages 9-16.

A screenshot of a web browser displaying the 'pageAdmin.php' page at 'localhost/pageAdmin.php'. The page title is 'Hotelfinder'. The main content area features a large, scenic photograph of a rugged coastline with tall, craggy cliffs overlooking a deep blue sea under a cloudy sky. In the top left corner of the content area, there is a search form for hotel bookings. The form includes fields for 'Select Location...', 'Check In (*)' (with a date input field 'mm/dd/yyyy'), 'Check Out (*)' (with a date input field 'mm/dd/yyyy'), 'Adults (*)' (with a numeric input field '1'), 'Kids' (with a numeric input field '0'), and a 'Search Availability' button. Above the search form, there are tabs for 'Search Hotel' (which is currently selected), 'Hotel Groups', and other administrative options like 'Rooms', 'Hotels', 'Employees', 'Customers', 'Reserves', 'Rents', and 'Manage Accounts'. The overall layout is clean and professional, designed for hotel management.

Hotel Groups Tab

The screenshot shows a web browser window for 'localhost/pageAdmin.php'. The title bar says 'localhost/pageAdmin.php'. The main content area features a large banner with the 'Hotelfinder' logo in red script. Below the banner is a navigation bar with links: Search Hotel, Hotel Groups, Rooms, Hotels, Employees, Customers, Reserves, Rents, and Manage Accounts. The 'Hotel Groups' link is highlighted. A sub-section titled 'Hotel Groups' contains a table with four rows of hotel group data. The table has columns for Group Name, Group ID, Number of Hotels, Address, Contact info, Hotels info, and Action. The data is as follows:

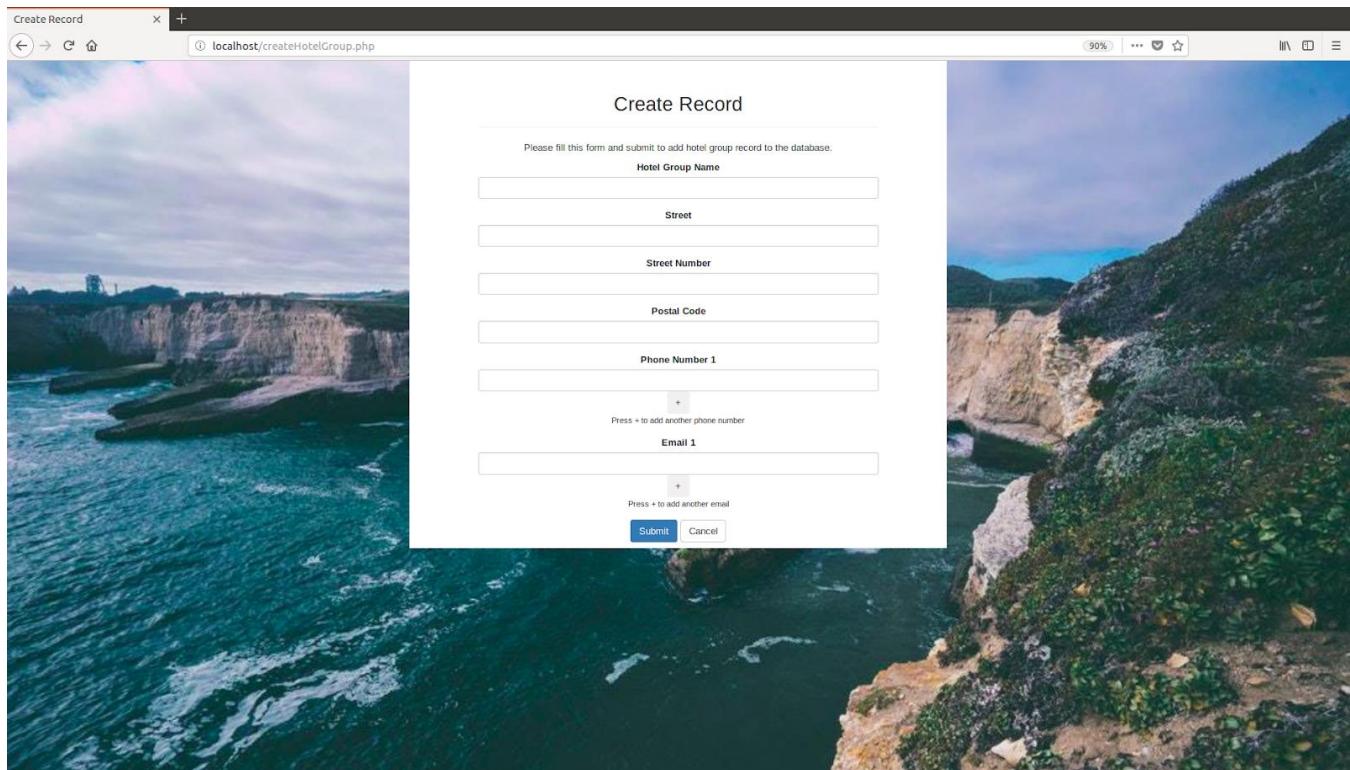
Group Name	Group ID	Number of Hotels	Address	Contact info	Hotels info	Acion
Domotel	1	5	plastira 1, 13590			
Elite	2	5	sigrou 23, 10552			
Marriot	3	5	andreou 102, 15773			
Ionian Plaza	4	5	Vallianou 4, 28100			

On the “Hotel Groups” tab, an administrator can still find contact and hotel information for each group the same way as the guest’s path, but there are also three administrative tools.

These tools are:

- **Add New Hotel Group** button
- **Update Hotel Group** (pencil button)
- **Delete Hotel Group** (trash button)

Add New Hotel Group button



Create Record

Please fill this form and submit to add hotel group record to the database.

Hotel Group Name

Street

Street Number

Postal Code

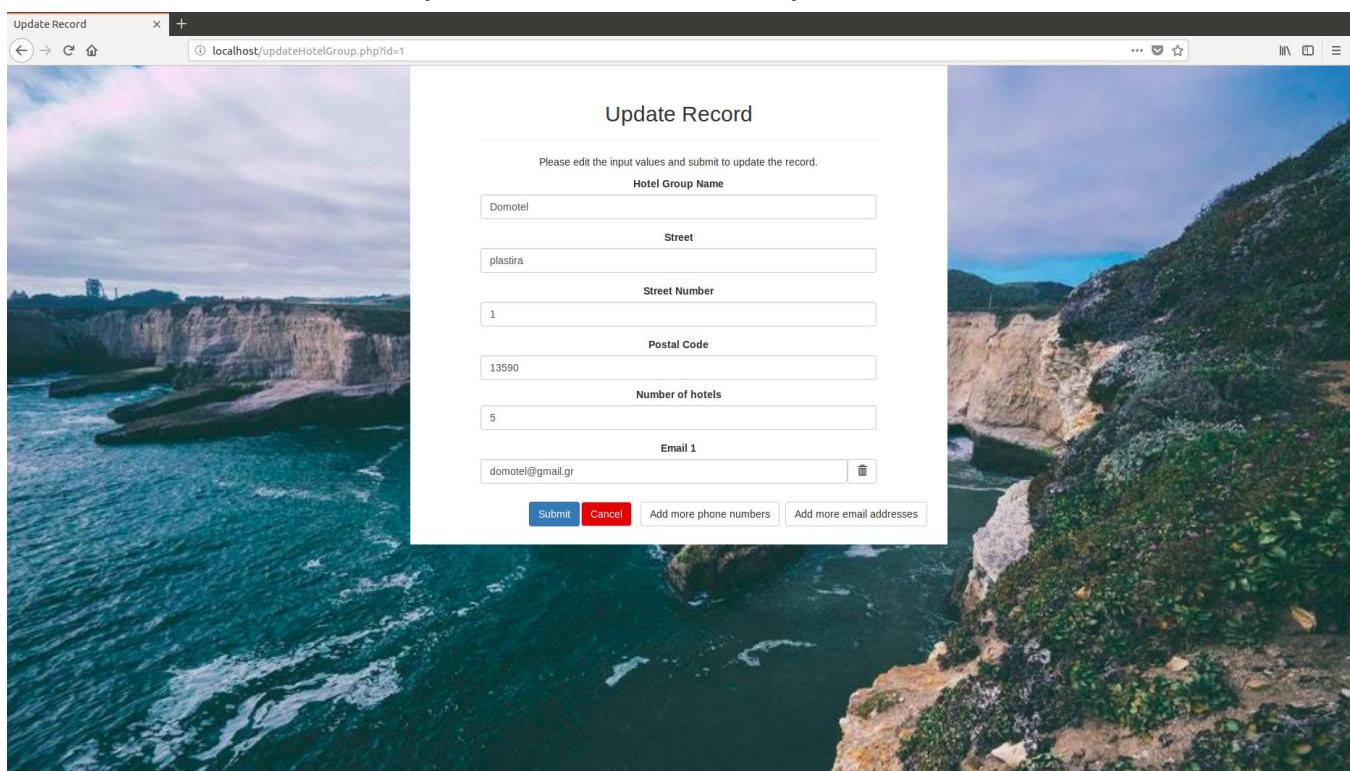
Phone Number 1

+
Press + to add another phone number

Email 1

+
Press + to add another email

Update Hotel Group button



Update Record

Please edit the input values and submit to update the record.

Hotel Group Name

Street

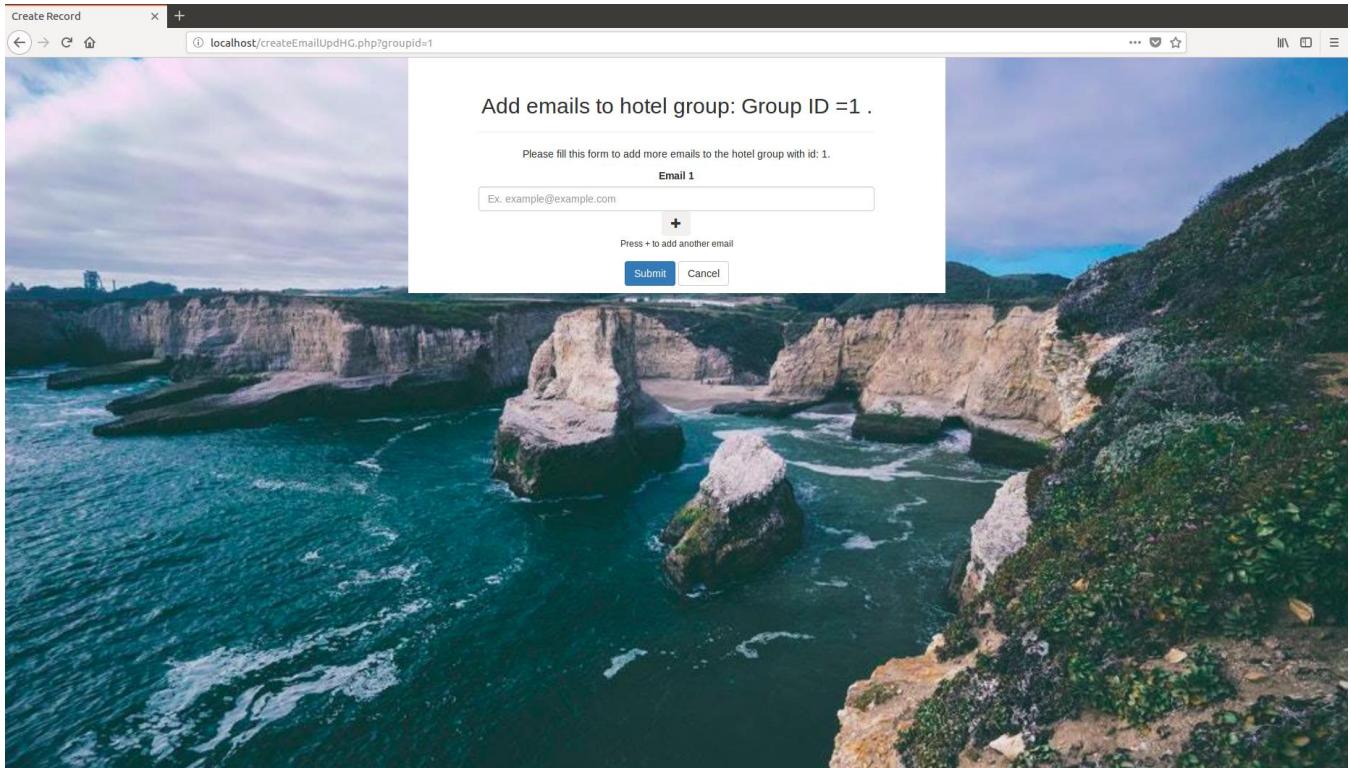
Street Number

Postal Code

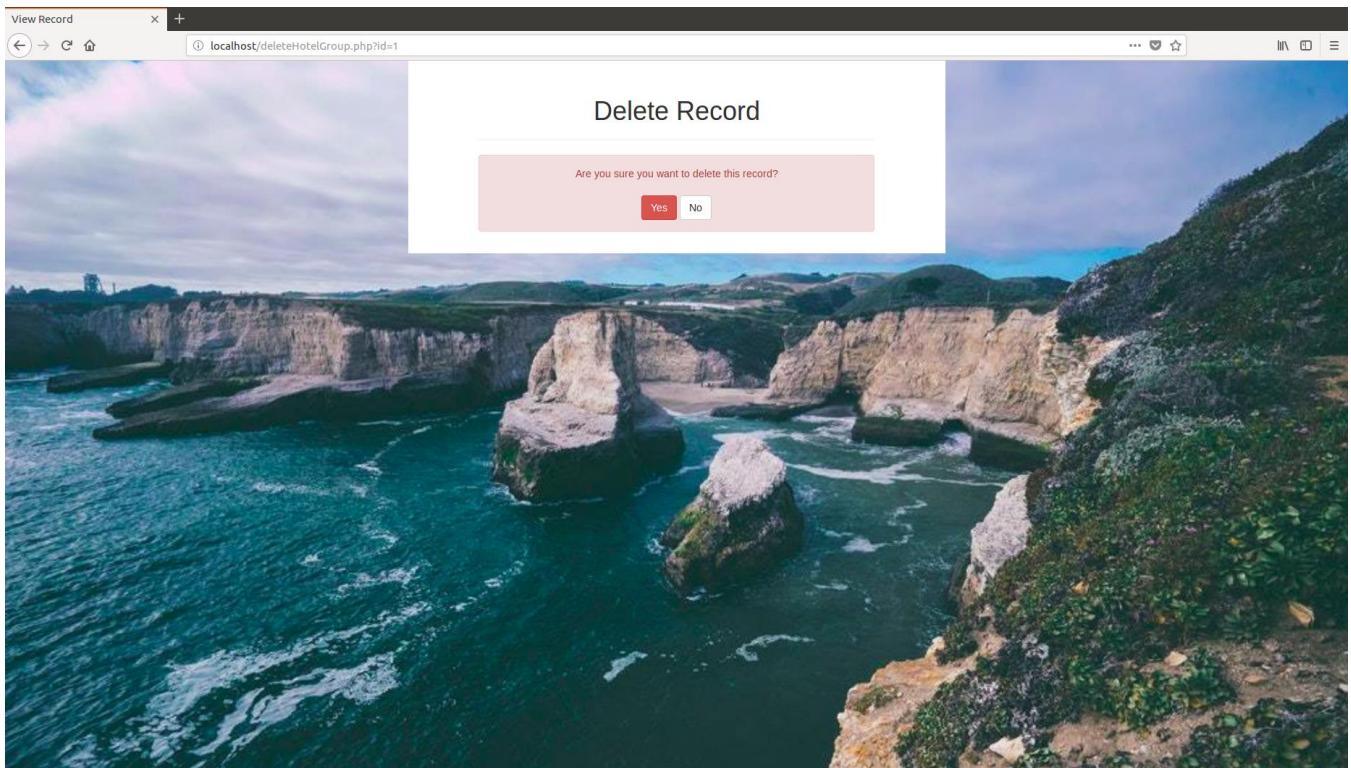
Number of hotels

Email 1

By pressing either “**Add more phone numbers**” or “**Add more email addresses**” you are redirected to a page as the one that follows:



Delete Hotel Group button



Rooms Tab

The screenshot shows a web browser window for 'localhost/pageAdmin.php?filter=1'. The title bar says 'localhost/pageAdmin.php?filter=1'. The main header features the 'Hotelfinder' logo with a background image of a coastal landscape. Below the header is a navigation bar with links: Search Hotel, Hotel Groups, Rooms (which is the active tab), Hotels, Employees, Customers, Reserves, Rents, and Manage Accounts. A search bar at the top left has two input fields: 'Search for hotel names...' and 'OR Search for room ids..'. On the right side of the search bar is a red button labeled 'Add New Room'. The main content area is titled 'Rooms Details' and contains a table with 15 rows of room data. The columns are: Hotel, Hotel Group, Room ID, Price, Capacity, View, Expendability, Needed Repairs, and Action. The 'Action' column includes icons for edit, view, and delete. The table data is as follows:

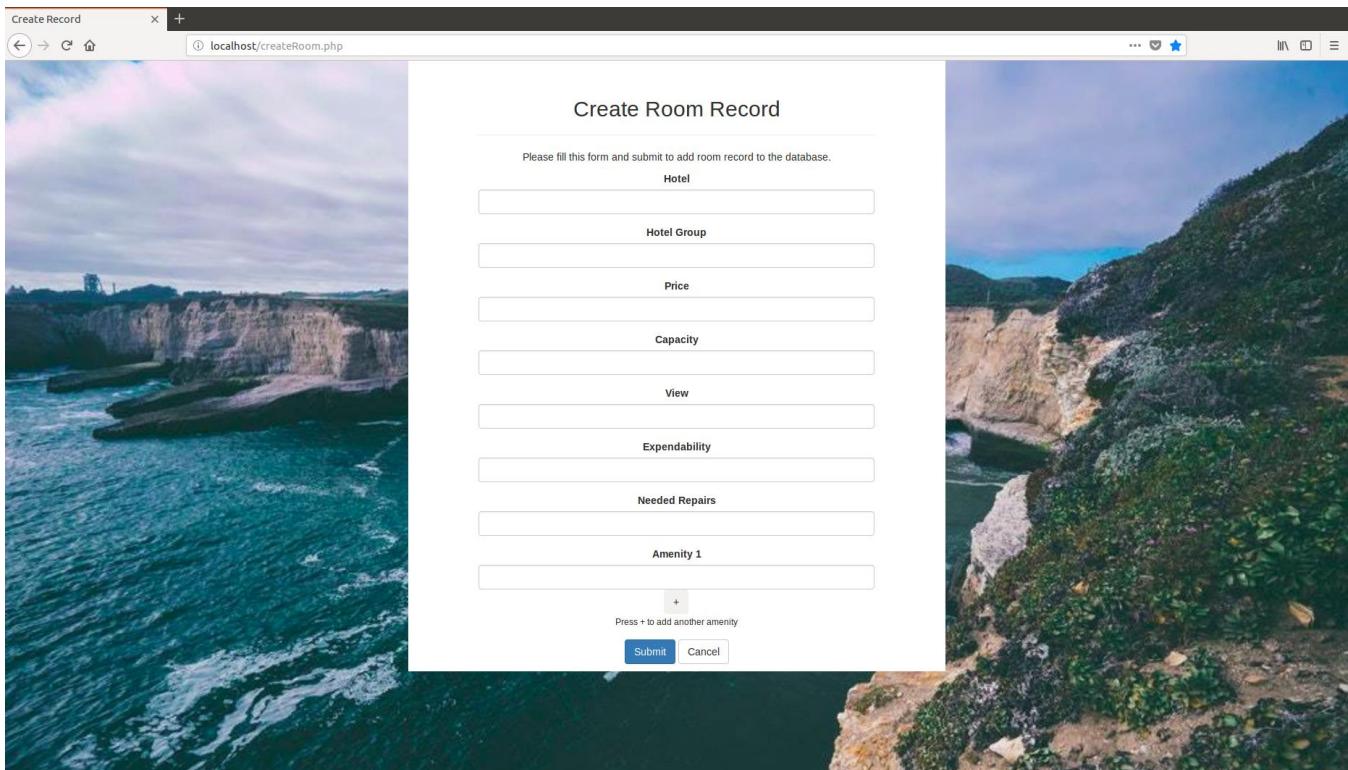
Hotel	Hotel Group	Room ID	Price	Capacity	View	Expendability	Needed Repairs	Action		
Aliki	Ionian Plaza	222	120	4	Sea	0	TV replacement			
Aliki	Ionian Plaza	215	120	4	City	0	No			
Aliki	Ionian Plaza	220	60	2	Sea	2	No			
Aliki	Ionian Plaza	227	60	2	Sea	1	No			
Aliki	Ionian Plaza	225	120	3	Sea	0	No			
Aliki	Ionian Plaza	213	60	2	City	2	AC			
Aliki	Ionian Plaza	218	60	2	City	2	broken door			
Aliki	Ionian Plaza	223	30	1	Sea	1	No			
Aliki	Ionian Plaza	216	120	4	Sea	0	TV.AC			
Aliki	Ionian Plaza	221	120	4	City	0	No			
Aliki	Ionian Plaza	226	30	1	Sea	2	AC,broken shower head			
Aliki	Ionian Plaza	214	90	3	Sea	1	No			
Aliki	Ionian Plaza	219	60	2	City	2	No			
Aliki	Ionian Plaza	224	30	1	Sea	2	mini bar replacement			
Aliki	Ionian Plaza	212	30	1	Sea	0	No			

At the “Rooms” tab, the administrator can search for a specific room by its room id or search for the rooms at a specific hotel.

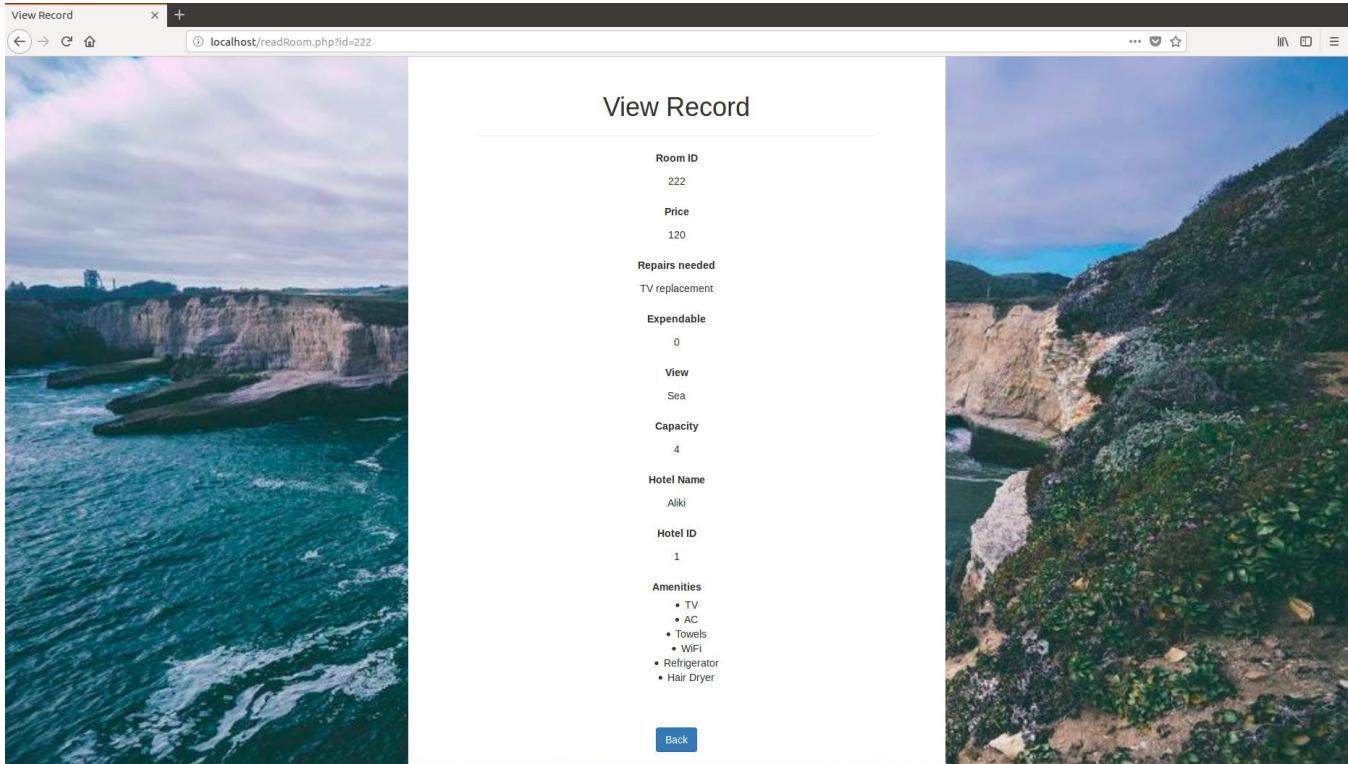
There are also the following utilities:

- **Add New Room**
- **View Details** for a room (eye icon-button)
- **Update** a room (pencil icon-button)
- **Delete** a room (trash icon-button) which redirects the browser to a page like the one on **“Delete Hotel Group button”** (p. 22) and will not be displayed below.

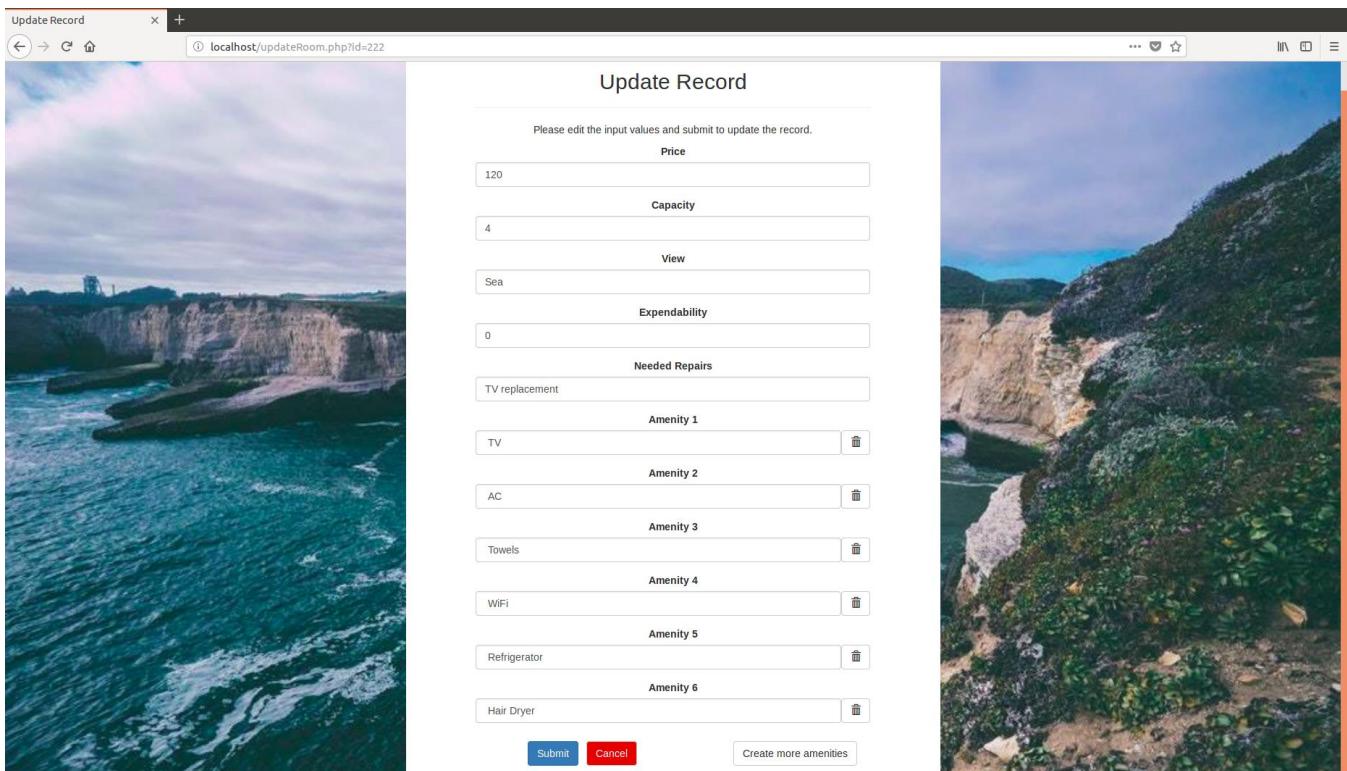
Add New Room button



View Details button



Update Room button

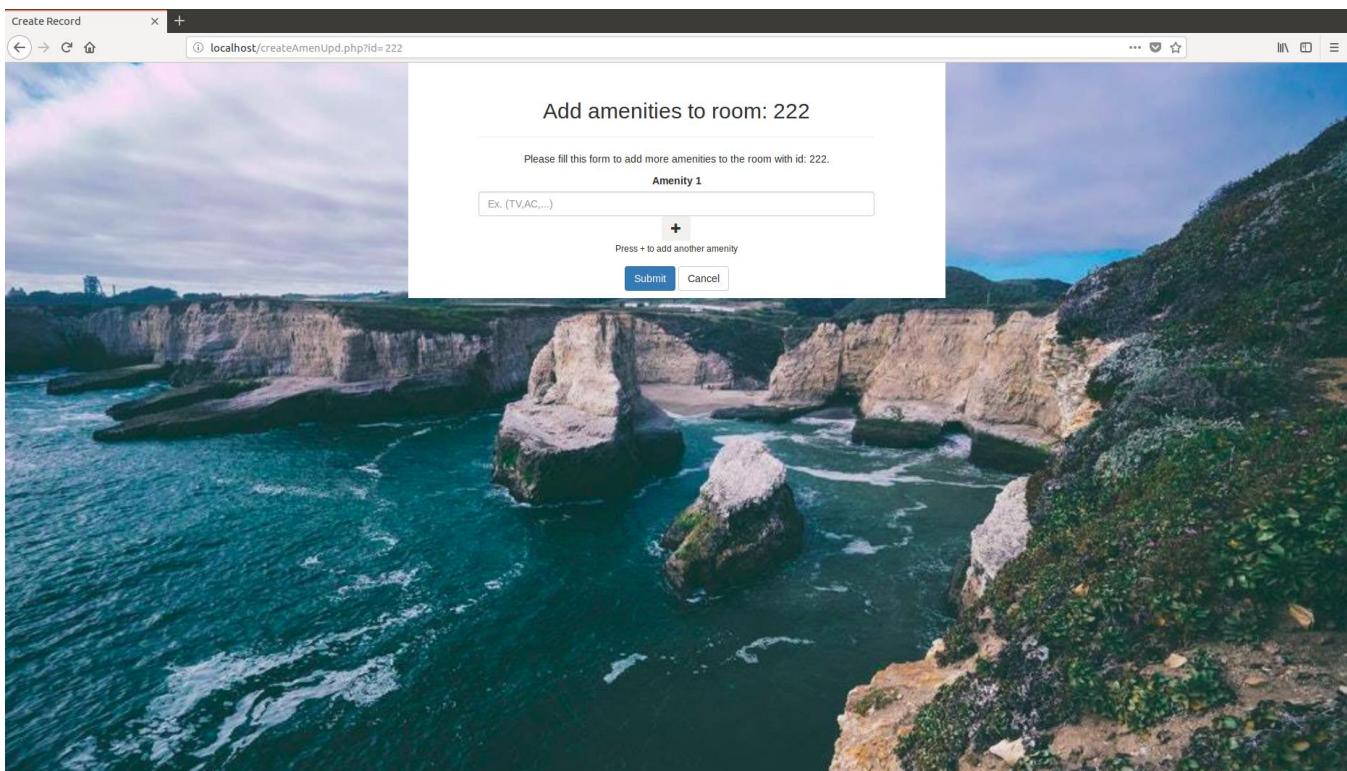


The screenshot shows a web browser window titled "Update Record" with the URL "localhost/updateRoom.php?id=222". The page contains a form for updating room details. The form fields include:

- Price: 120
- Capacity: 4
- View: Sea
- Expendability: 0
- Needed Repairs: TV replacement
- Amenity 1: TV
- Amenity 2: AC
- Amenity 3: Towels
- Amenity 4: WiFi
- Amenity 5: Refrigerator
- Amenity 6: Hair Dryer

At the bottom of the form, there are "Submit" and "Cancel" buttons, and a "Create more amenities" link.

In this page there is also a "**Create more amenities**" button which redirects the browser to the following page:



The screenshot shows a web browser window titled "Create Record" with the URL "localhost/createAmenUpd.php?id=222". The page displays a form titled "Add amenities to room: 222" with the instruction "Please fill this form to add more amenities to the room with id: 222.". The form has a single input field labeled "Amenity 1" with the placeholder text "Ex: (TV,AC,...)". Below the input field is a "+" button and the text "Press +' to add another amenity". At the bottom of the form are "Submit" and "Cancel" buttons. The background of the page features a scenic view of a coastline with large rock formations and green vegetation.

Hotels Tab

The screenshot shows a web browser window for 'localhost/pageAdmin.php?filter=2'. The title bar says 'localhost/pageAdmin.php?filter=2'. The main content area features a large banner with the 'Hotelfinder' logo. Below the banner is a navigation bar with links: 'Search Hotel', 'Hotel Groups', 'Rooms', 'Hotels' (which is highlighted in grey), 'Employees', 'Customers', 'Reserves', 'Rents', and 'Manage Accounts'. A search bar labeled 'Search for hotel names...' is present. A red button on the right says 'Add New Hotel'. The main area is titled 'Hotels Details' and contains a table with 9 rows of hotel data. The columns are: Name, Hotel ID, Hotel Group, Address, Stars, Number of Rooms, and Action. Each row includes a set of icons for edit, view, and delete operations.

Name	Hotel ID	Hotel Group	Address	Stars	Number of Rooms	Action
Ikaros	1	Domotel	Athens, Voulis 13, 13568	5	17	
Ariwnas	2	Domotel	Athens, kroupou 7, 10898	4	7	
Xenia	3	Domotel	Volos, danawn 39, 35681	3	14	
Irina	4	Domotel	Kalamata, Dafnis 67, 43268	2	15	
Whitehorse	5	Domotel	Thessaloniki, Dirraxiou 74, 23568	4	15	
Kymothoe	1	Elite	Mykonos, Didotou 33, 56833	5	15	
Marina	2	Elite	Mykonos, Papandreou 8, 56833	4	15	
Mediteranian	3	Elite	Rodos, Halkis 3, 33568	3	14	
aristoteles	4	Elite	Kalamata, Miaouli 21,	4	11	

At the “Hotels” tab the administrator can search for a specific hotel by its name.

There are also the following utilities:

- **Add New Hotel**
- **View Details** for a hotel (eye icon-button)
- **Update** a hotel (pencil icon-button)
- **Delete** a hotel (trash icon-button) which redirects the browser to a page like the one on **“Delete Hotel Group button”** (p. 22) and will not be displayed below.

Add New Hotel button



Create Record

Please fill this form and submit to add hotel record to the database.

Hotel Group Name

Hotel Name

Street

Postal Number

City

Stars

Phone Number 1

+
Press + to add another phone number

Email 1

+
Press + to add another email

View Details button



View Record

Hotel Name
ikaros

Hotel Group
1

Street
Voulis

Street Number
13

Postal Code
13568

City
Athens

Stars
5

Number of rooms
17

Phone 1
2105689745

Email 1
ikaroshotel@gmail.com

Update Hotel button

Update Record

Please edit the input values and submit to update the record.

Hotel Name
Ikaros

Street
Voulis

Street Number
13

Postal Code
13568

City
Athens

Stars
5

Number of rooms
17

Phone Number 1
2105689745

Email 1
ikaroshotel@gmail.com

Submit Cancel Add more phone numbers Add more email addresses

As we can see above there are two more buttons:

- **Add more phone numbers**
- **Add more email addresses**

which are the same as the buttons in “**Update Hotel Group**” and redirect to webpages like the one for the Hotel Groups (p.22).

Employees Tab

The screenshot shows a web browser window for 'localhost/pageAdmin.php?filter=3'. The title bar says 'localhost/pageAdmin.php?filter=3'. The main header features the 'Hotelfinder' logo in red. Below the header is a navigation bar with links: Search Hotel, Hotel Groups, Rooms, Hotels, Employees (which is highlighted in blue), Customers, Reserves, Rents, and Manage Accounts. The main content area is titled 'Employees Details' and contains a search bar with fields 'Search for last names...' and 'OR Search for IRS...'. A table lists employee details with columns: Last Name, First Name, IRS Number, Position, Hotel, Hotel Group, and Action. The table rows show various employees like Riga, Chanioti, Anagnostopoulou, etc., each with a unique set of details and action icons.

Last Name	First Name	IRS Number	Position	Hotel	Hotel Group	Action
Riga	Anastasia	254002	CEO	Socrates	Marriot	
Chanioti	Athina	20205202	CEO	Ionian Plaza	Ionian Plaza	
Anagnostopoulou	Viki	32020320	Reseptionist	Ryan	Ionian Plaza	
Aivalis	Manolis	98741987	Manager	Ifigeneia	Ionian Plaza	
Konstantakopoulos	Christos	105262052	Reseptionist	Whitehorse	Domotel	
Korres	Nikos	123690236	CEO	Vakhos	Ionian Plaza	
Karabelas	Nikos	123697236	Reseptionist	Minoan	Marriot	
Patsis	Giannis	125200252	CEO	Ionas	Marriot	
Giannakopoulou	Irini	159632596	Reseptionist	Northern	Marriot	
Varela	Christina	165472654	Manager	Origins	Marriot	
Pantazopoulou	Peni	258552585	CEO	Mediteranian	Elite	
Armenaki	Louiza	258741587	Chef	Whitehorse	Domotel	
Dimakopoulos	Christos	521110211	CEO	Ariwnas	Domotel	
Metaksa	Maria	654755547	CEO	White Rocks	Elite	
Giannakopoulou	Afroditi	752123521	Reseptionist	Marina	Elite	

At the “Employees” tab the administrator can search for a specific employee by his last name or his IRS.

There are also the following utilities:

- **Add New Employee**
- **View Details** for an employee (eye icon-button)
- **Update** an employee’s records (pencil icon-button)
- **Delete** an employee (trash icon-button) which redirects the browser to a page like the one on **“Delete Hotel Group button”** (p. 22) and will not be displayed below.

Add New Employee button

Create Record x + localhost/createEmployee.php

Please fill this form and submit to add employee record to the database.

First Name

Last Name

IRS Number

SSN Number

Street

Street Number

Postal Code

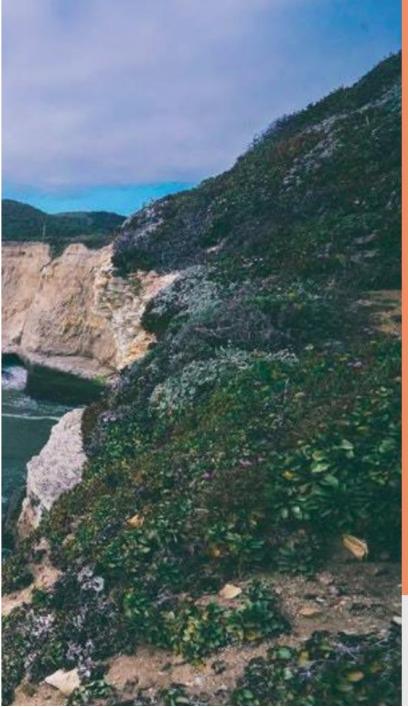
City

Hotel Group Name

Hotel Name

Position

Start Date



View Details button

View Record x + localhost/readEmployee.php?irs=254002&Work_ID=14

Last Name
Riga

First Name
Anastasia

IRS Number
254002

SSN
8892

Street
Agiou Ioanni

Street Number
88

Postal Code
89100

Hotel Group
Marriot

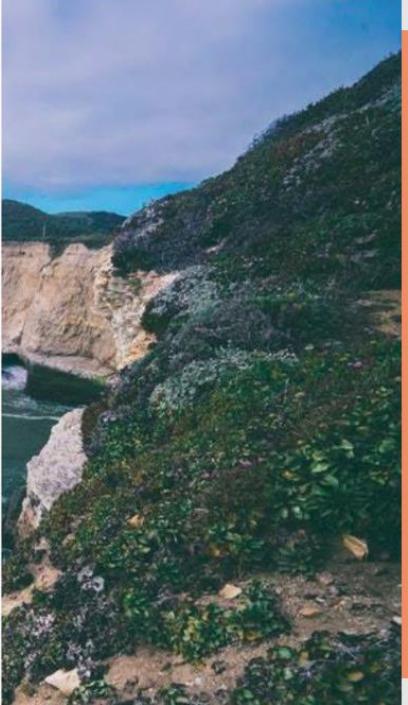
Hotel
Socrates

Start Date
2014-04-05

Finish Date
2019-04-05

Position
CEO

[Edit](#)



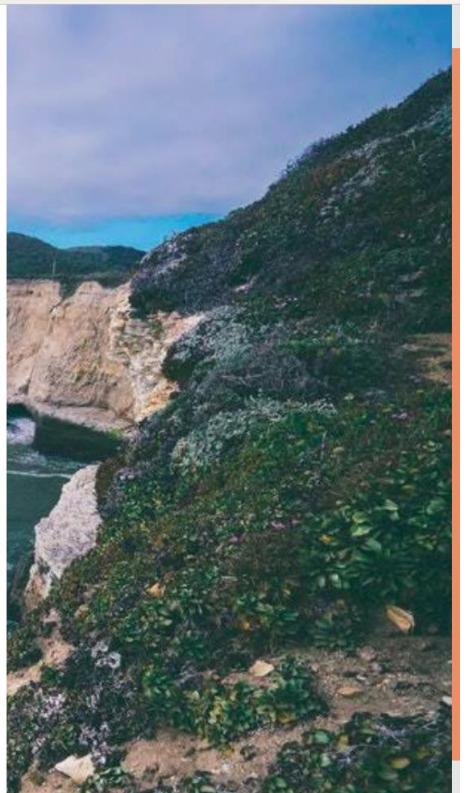
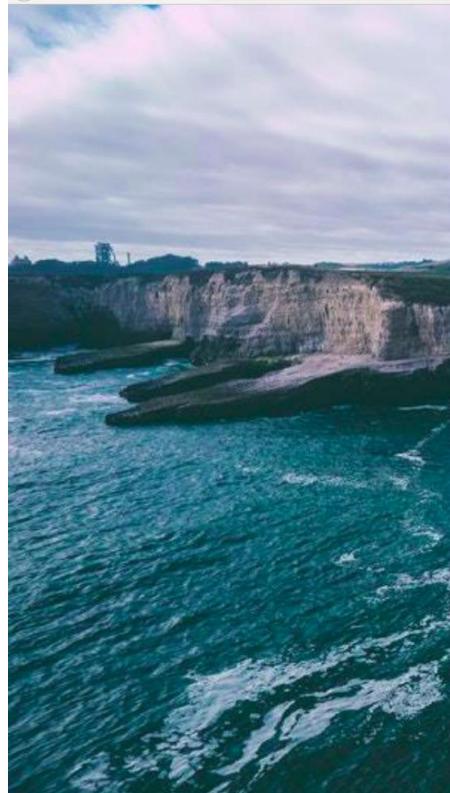
Update Employee button

Update Record

localhost/updateEmployee.php?irs=254002&Work_ID=14

Please edit the input values and submit to update the record.

First Name	Anastasia
Last Name	Riga
SSN Number	8892
Street	Agiou Ioanni
Street Number	88
Postal Code	89100
City	Patra
Hotel Group	Marriot
Hotel Name	Socrates
Start Date	04 / 05 / 2014
Finish Date	04 / 05 / 2019
Position	CEO



Customers Tab

The screenshot shows a web browser window for 'localhost/pageAdmin.php?filter=4'. The title bar says 'localhost/pageAdmin.php?filter=4'. The main header features a red 'Hotelfinder' logo over a scenic background of mountains and water. Below the header is a navigation bar with links: 'Search Hotel', 'Hotel Groups', 'Rooms', 'Hotels', 'Employees', 'Customers' (which is highlighted in grey), 'Reserves', 'Rents', and 'Manage Accounts'. A sub-header 'Customers Details' is displayed above a table. The table has columns: 'Last Name', 'First Name', 'IRS Number', 'SSN', 'First Registration', 'Address', and 'Action'. There are 10 rows of customer data. Each row includes an 'Action' column with three icons: eye, edit, and trash. A red button 'Add New Customer' is located in the top right corner of the table area.

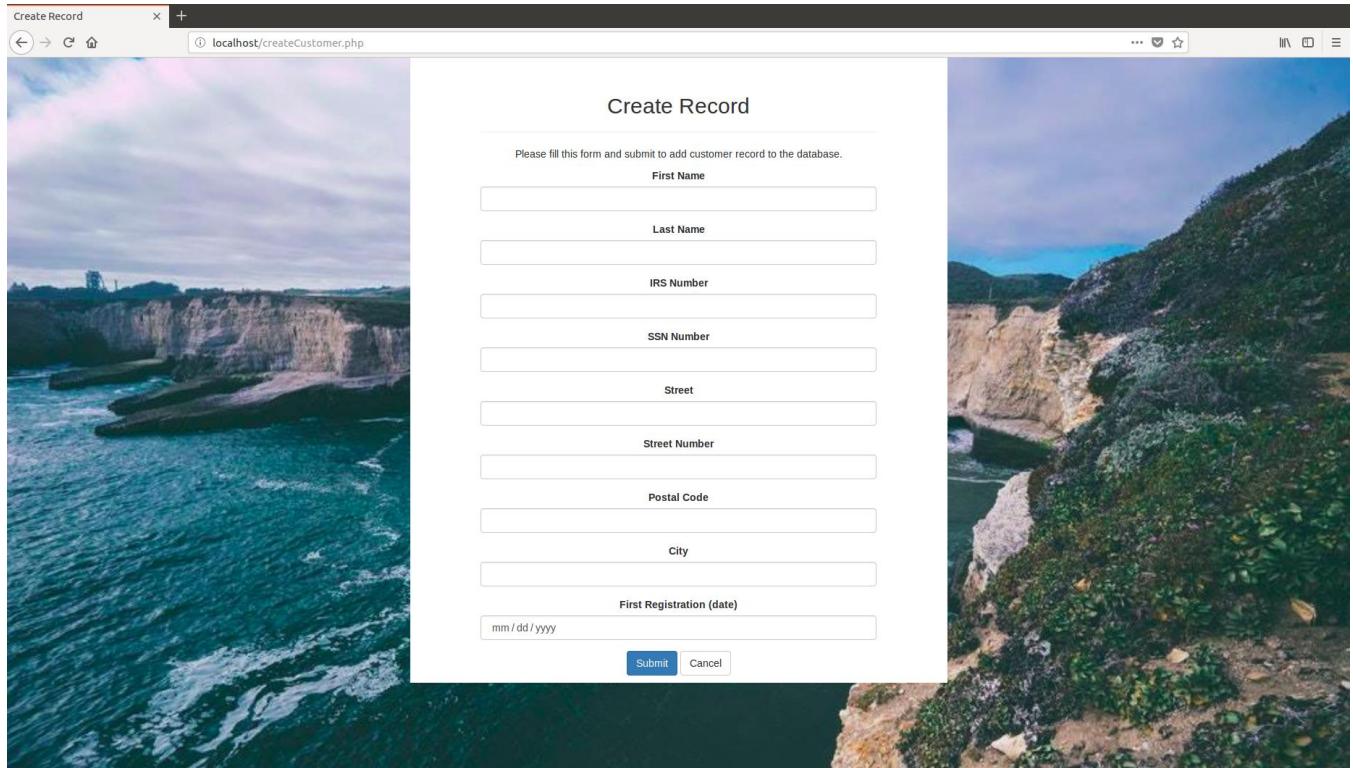
Last Name	First Name	IRS Number	SSN	First Registration	Address	Action
Kiwrhs	Thanos	984841	9811	2018-07-20 01:17:39	Athens, Veroias 8, 16589	
Kiousis	Nikolaos	132102321	3125	2008-08-30 12:00:00	Nauplio, Kefalinias 69, 89553	
Mauridis	Giorgos	192354923	1997	2016-09-01 12:00:00	Patra, Marathonos 120, 12364	
Floros	Giannis	222344223	4383	2015-08-13 12:00:00	Korinthos, Miaouli 35, 58964	
Arvanitidis	Athanasiros	231654316	1425	2018-05-23 23:45:00	Athens, Agias Triados 15, 12457	
SPAthi	Eleni	242102421	1919	2017-12-13 12:00:00	Patra, Orthodoksias 62, 32544	
Aslanidis	Panagiots	259746597	1305	2018-03-16 10:45:00	Mesologhi, Kerkurias 65, 31253	
Kelekidou	Irini	322543225	1899	2016-08-05 12:00:00	Athens, Eksarhion 38, 63284	
Doumouras	Apostolis	323237232	1355	2018-05-11 12:00:00	Athens, Samothrakis 6,	

At the “Customers” tab the administrator can search for a specific customer by his last name or his IRS.

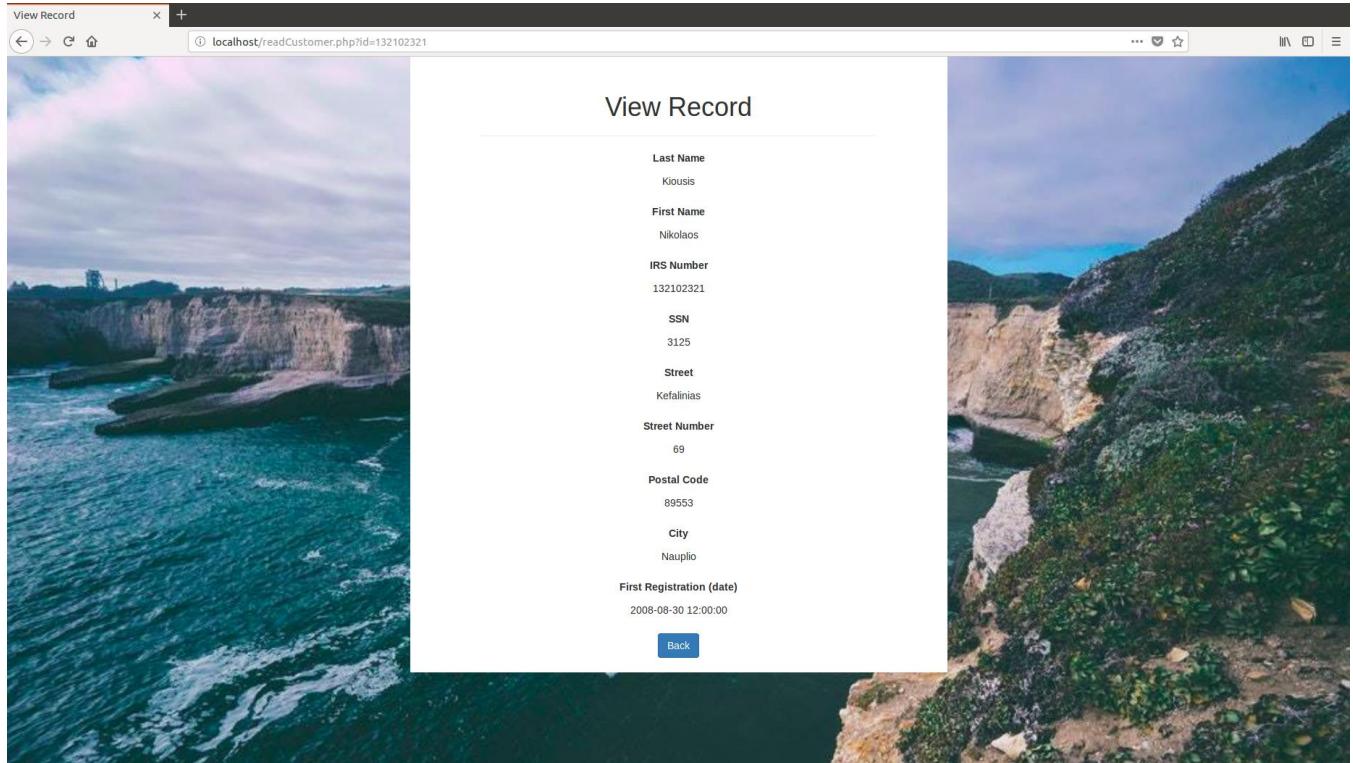
There are also the following utilities:

- **Add New Customer**
- **View Details** for a customer(eye icon-button)
- **Update** a customer’s records (pencil icon-button)
- **Delete** a customer (trash icon-button) which redirects the browser to a page like the one on “**Delete Hotel Group button**” (p. 22) and will not be displayed below.

Add New Customer button



View Details button



Update Customer button

Update Record

Please edit the input values and submit to update the record.

First Name
Nikolaos

Last Name
Kiouisis

IRS Number
132102321

SSN Number
3125

Street
Kefalinias

Street Number
69

Postal Code
89553

City
Nauplio

First Registration (date)
08 / 30 / 2008

Submit Cancel

Reserves Tab

The screenshot shows a web browser window for 'localhost/pageAdmin.php?filter=5'. The title bar says 'localhost/pageAdmin.php?filter=5'. The main header features the 'Hotelfinder' logo in red. Below the header is a navigation bar with links: Search Hotel, Hotel Groups, Rooms, Hotels, Employees, Customers, Reserves (which is highlighted in grey), Rents, and Manage Accounts. A red button on the right says 'Add New Reserve'. The main content area is titled 'Reserves Details' and contains a search bar with fields 'Search for Reserves IDs...' and 'OR Search for Customers Last'. Below the search bar is a table with 11 rows of reserve data. The table has columns: Reserve ID, Start Date, Finish Date, Paid, Customer IRS, Last Name, First Name, Room ID, and Action. The 'Action' column contains edit and delete icons. The background of the page is a scenic image of a coastal cliff overlooking the sea.

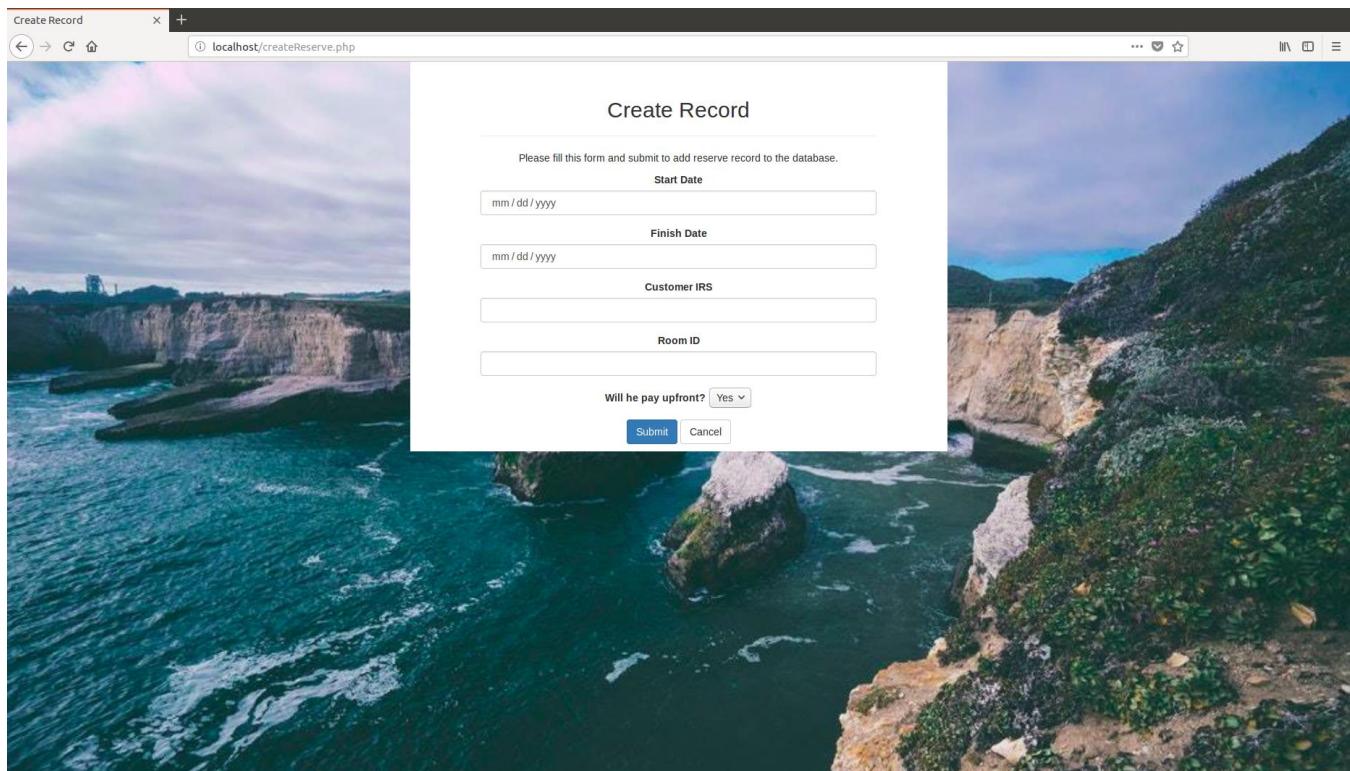
Reserve ID	Start Date	Finish Date	Paid	Customer IRS	Last Name	First Name	Room ID	Action	
1	2016-08-23	2016-08-30	Yes	493123931	Derdelakos	Harris	15		
2	2018-04-14	2016-04-21	Yes	612323123	Papaspirou	Athanasia	18		
3	2018-05-24	2018-06-01	No	912647126	Thanasopoulos	Konstantinos	10		
4	2018-10-19	2018-10-25	No	486251862	Arida	Euaggelia	29		
5	2018-08-19	2018-08-25	No	697523975	Korakakis	Dimitrios	245		
6	2020-07-19	2020-08-19	No	796245962	Menekses	Nikolaos	190		
7	2018-06-19	2018-06-27	No	259746597	Aslanidis	Panagiotis	245		
9	2018-07-20	2018-08-01	Yes	984841	Kiwths	Thanos	171		
10	2018-07-22	2018-07-26	Yes	568978456	Papadopoulos	George	100		
11	2018-07-22	2018-07-26	Yes	568978456	Papadopoulos	George	104		

At the “Reserves” tab the administrator can search for a specific reserve by its Reserve ID or the customer’s last name.

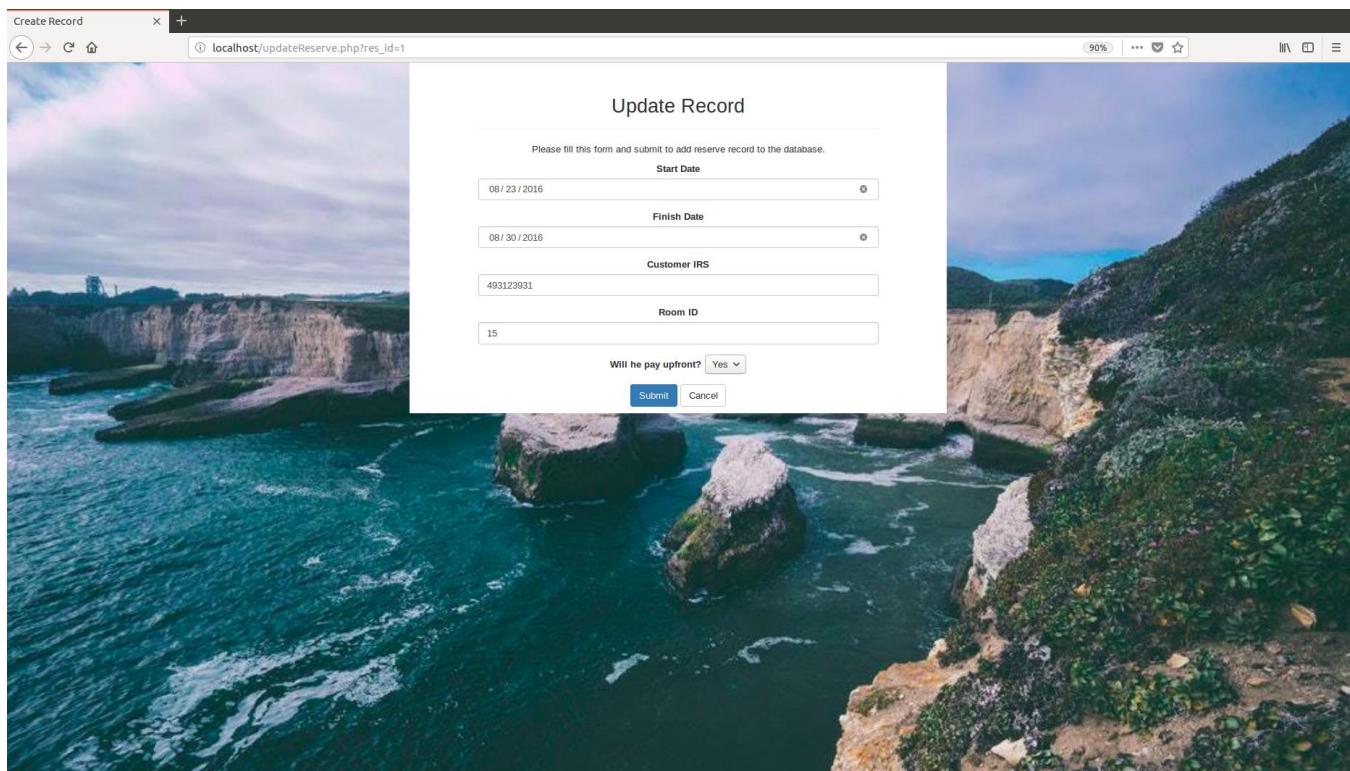
There are also the following utilities:

- **Add New Reserve**
- **Update** a reserve (pencil icon-button)
- **Delete** a reserve (trash icon-button) which redirects the browser to a page like the one on “**Delete Hotel Group button**” (p. 22) and will not be displayed below.

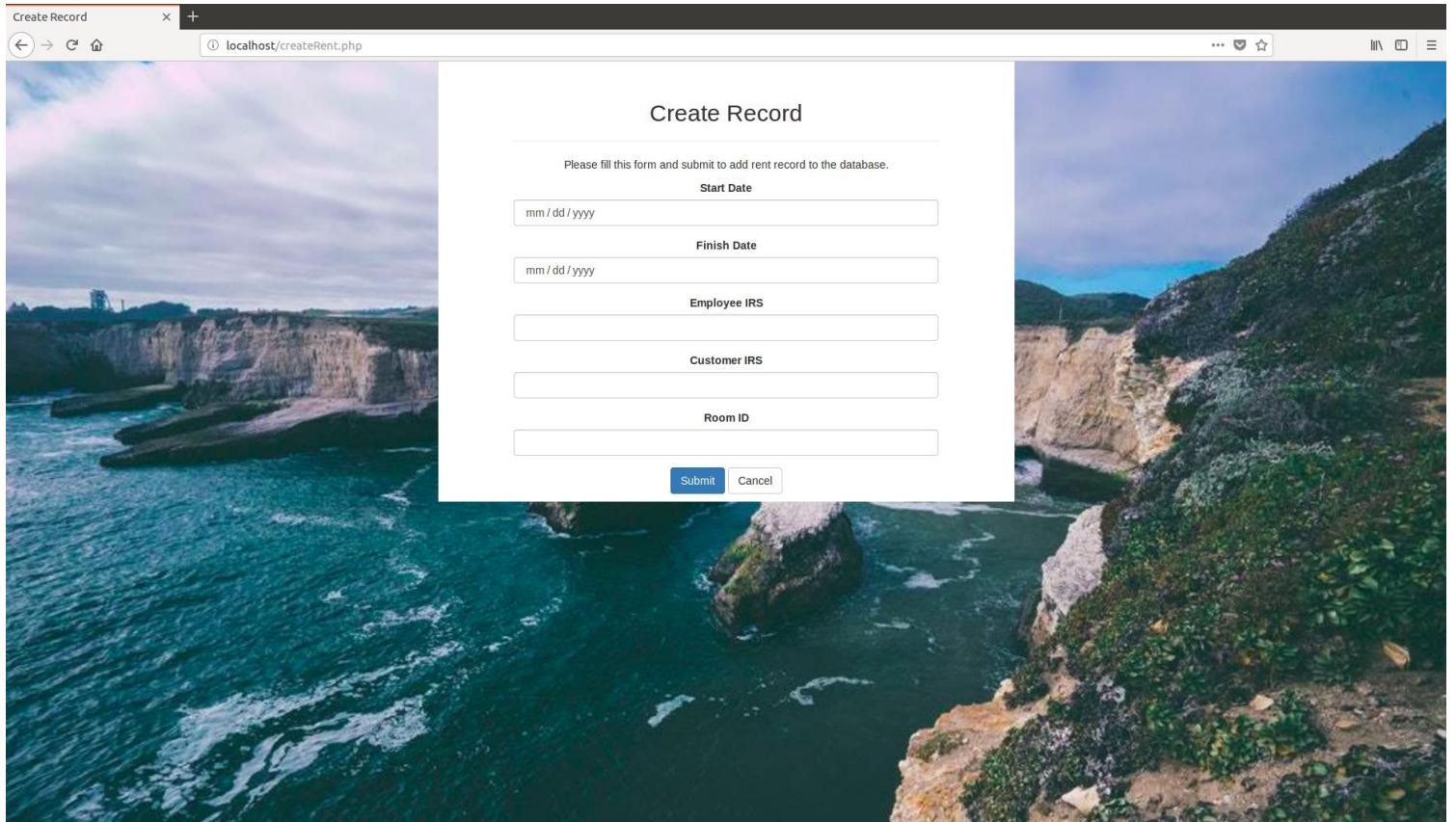
Add New Reserve button



Update Reserve button



Rents Tab

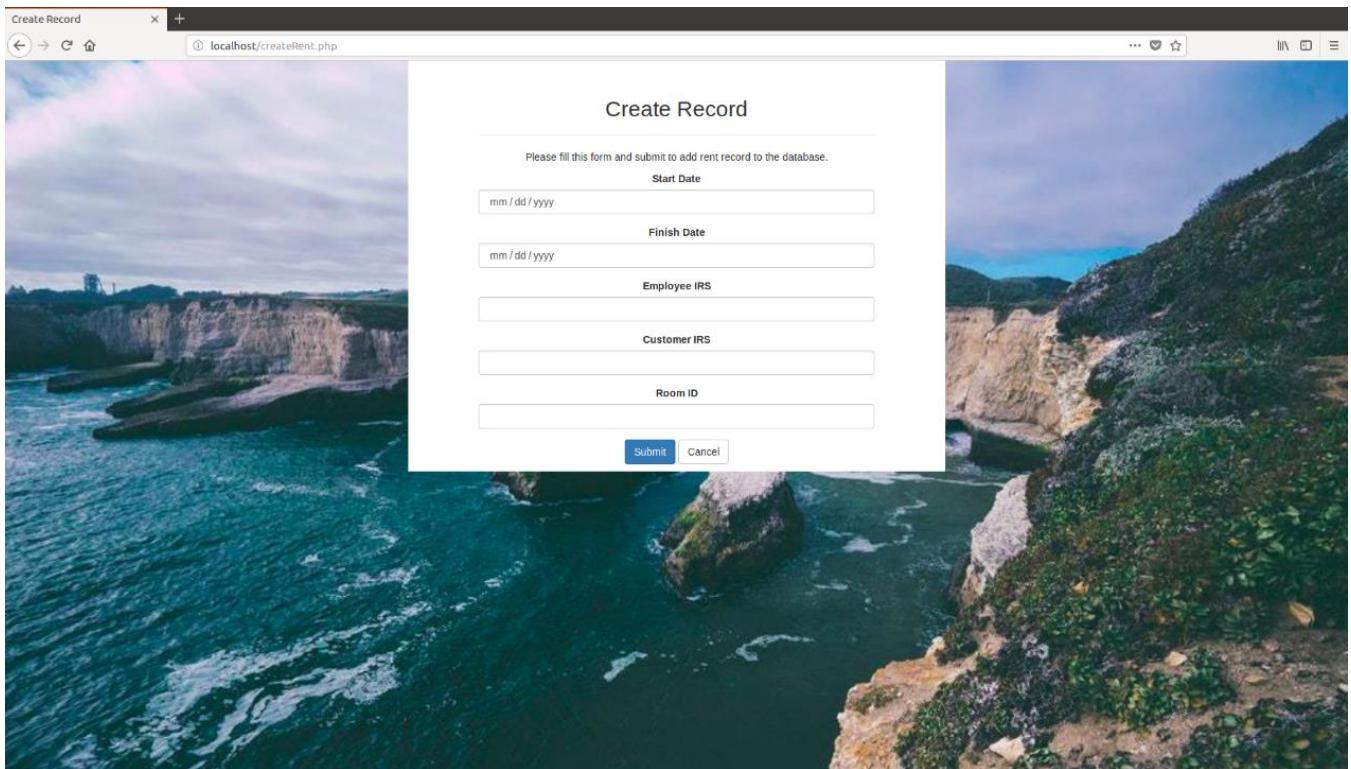


At the “Rents” tab the administrator can search for a specific rent by its Rent ID or the customer’s last name or the employee’s last name.

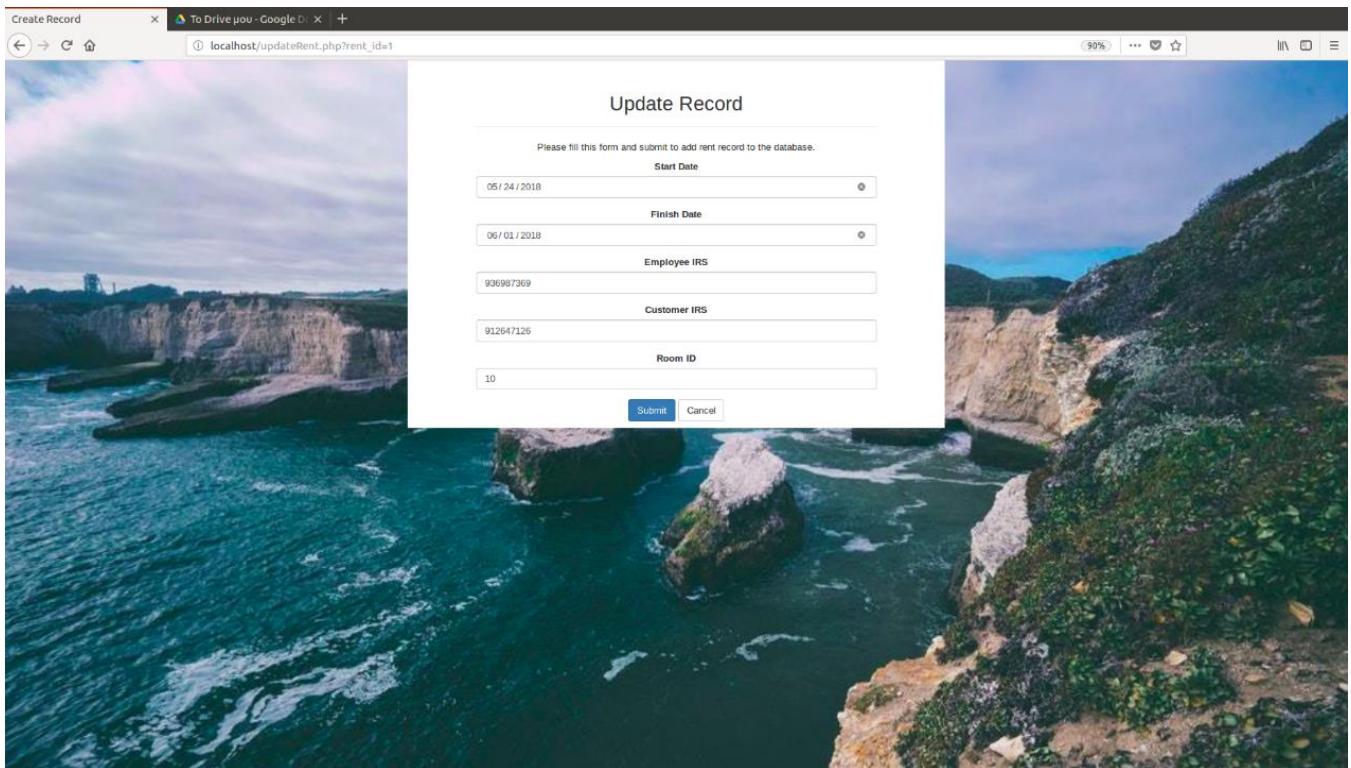
There are also the following utilities:

- **Add New Rent**
- **Update** a rent (pencil icon-button)
- **Delete** a rent (trash icon-button) which redirects the browser to a page like the one on “**Delete Hotel Group button**” (p. 22) and will not be displayed below.

Add New Rent button



Update Rent button



Manage Accounts tab

At this tab an already logged in administrator can **Create** or **Delete** an administrator account. He can also **change the password or the email** of an account. In order to use the above utilities the account's credentials must be known to the logged in administrator.

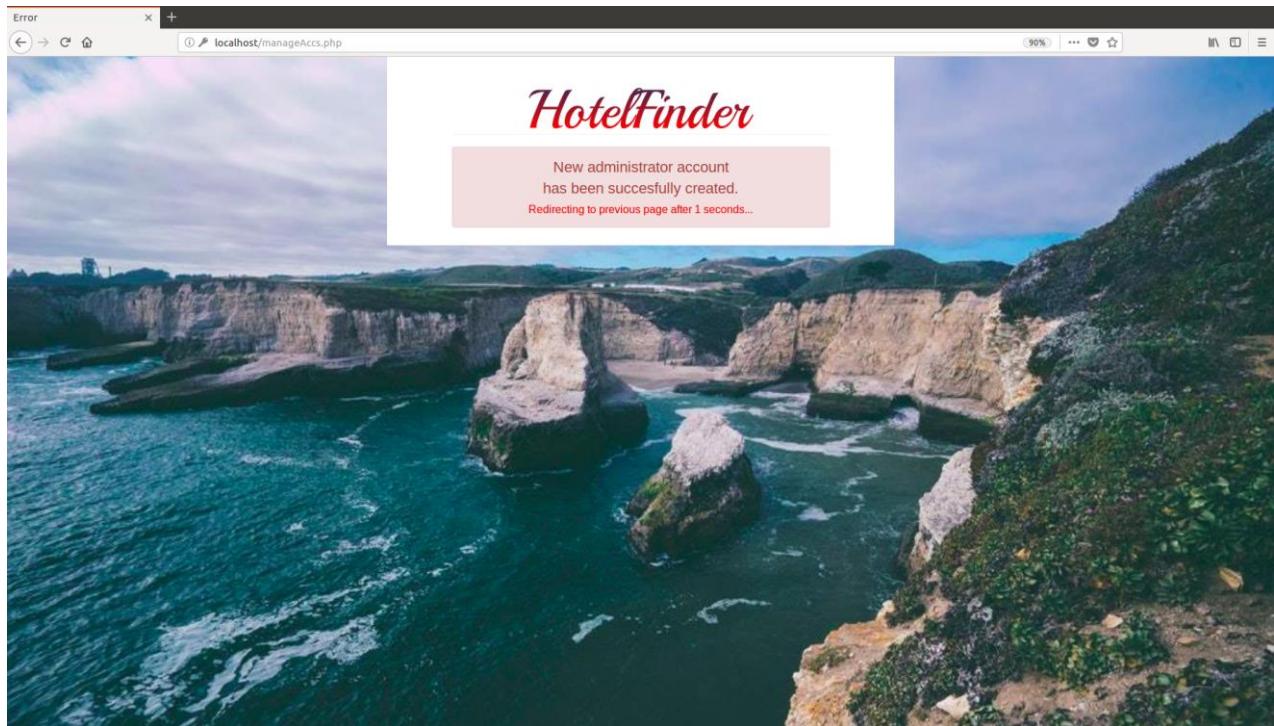
The screenshot shows a web browser window with the URL `localhost/pageAdmin.php?filter=7`. The page title is "Manage Administrator Accounts". The interface is divided into four main sections:

- Create Account:** Contains fields for "Type username", "Type email", "Type password", and "Type password again". A green "Create Account" button is located below these fields.
- Change password:** Contains fields for "Type username", "Type old password", "Type new password", and "Type new password again". A blue "Change Password" button is located below these fields.
- Delete Account:** Contains fields for "Type username", "Type email", "Type password", and a red "Delete Account" button.
- Change email:** Contains fields for "Type username", "Type password", "Type old email", "Type new email", and a blue "Change email" button.

The background of the page features two scenic images: a coastal scene with cliffs and waves on the left, and a hillside covered in green vegetation on the right.

Filling successfully any of the above forms

If the credentials you entered in any of the above fields (one at a time) are right, then you will be redirected to the following page:



otherwise error-messages will be displayed below the fields that the error has occurred

