

Aden Hotel

<https://aden-tokyo.000webhostapp.com/index.php>

Smer: Internet tehnologije

Modul: Web Programiranje

Predmet: Praktikum iz PHP-a

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Uvod

Korišćene tehnologije

- HTML 5
- CSS 3
- JavaScript
- jQuery
- JSON
- AJAX
- PHP
- MySQL
- Bootstrap
- Visual Studio Code

Template

Template koji je korišćen se nalazi na sledećem linku: <https://www.free-css.com/free-css-templates> uz moje izmene.

Opis funkcionalnosti

1. Dinamički ispis sadržaja iz baze.
2. Pravljenje korisničkog naloga, logovanje i odjava.
3. Mogućnost rezervisanja smeštaja ukoliko je korisnik ulogovan.
4. Takođe, korisnici mogu da ostave recenziju ili pošalju poruku administratoru sajta.
5. Admin panel gde se mogu modifikovati, brisati i dodavati sobe.
6. U admin panelu se ispisuju sve poruke korisnika, a na index strani samo određene + straničenje.

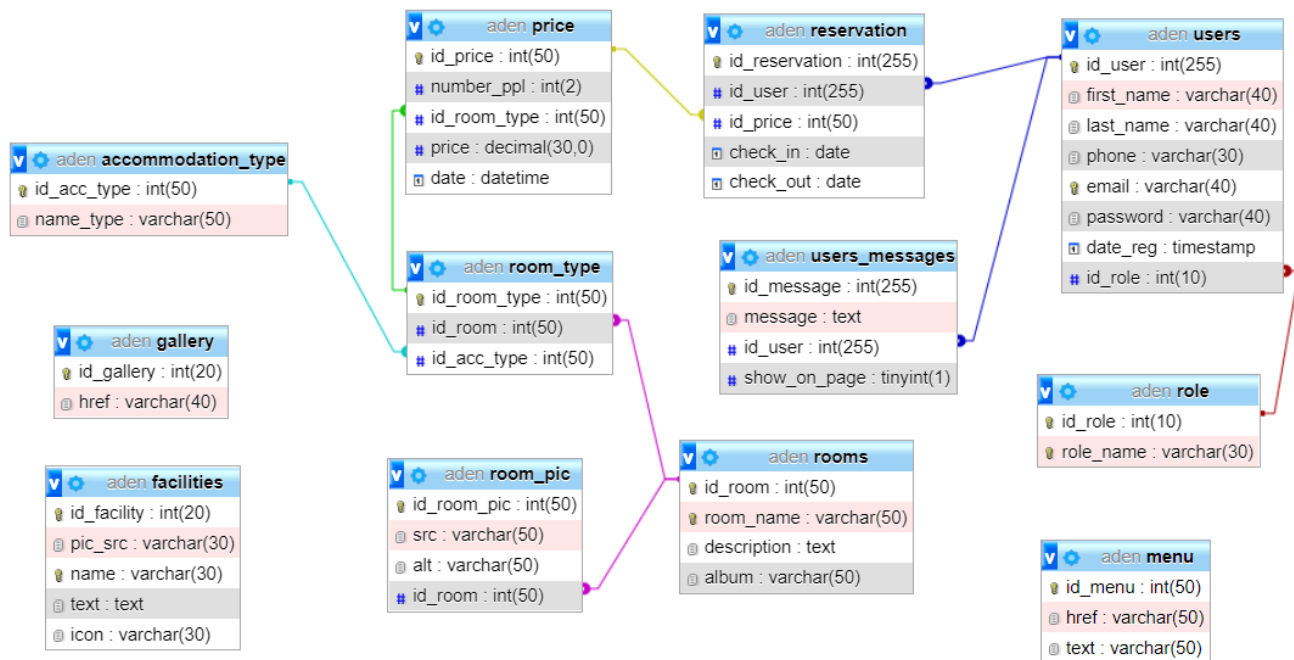
Organizacija

Organizaciona šema



index.php

Dijagram baze

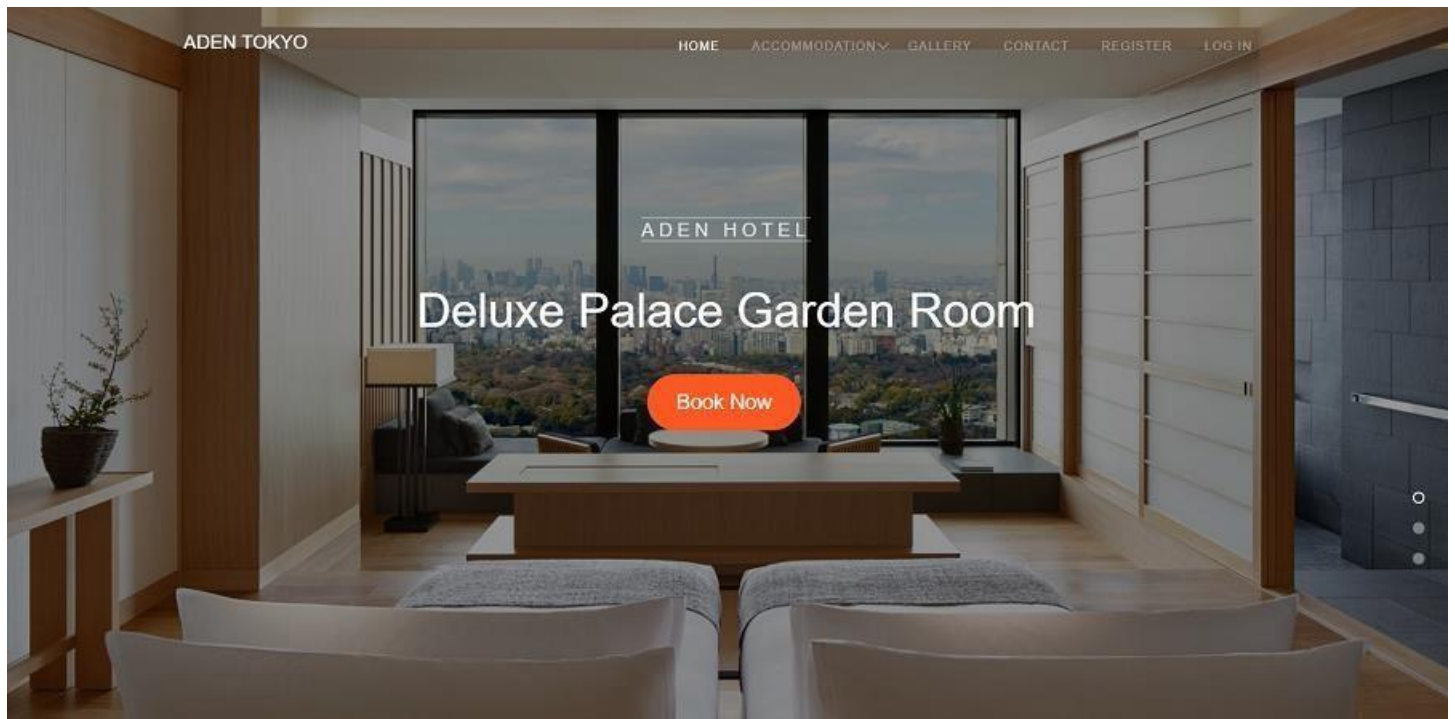


Mapa sajta

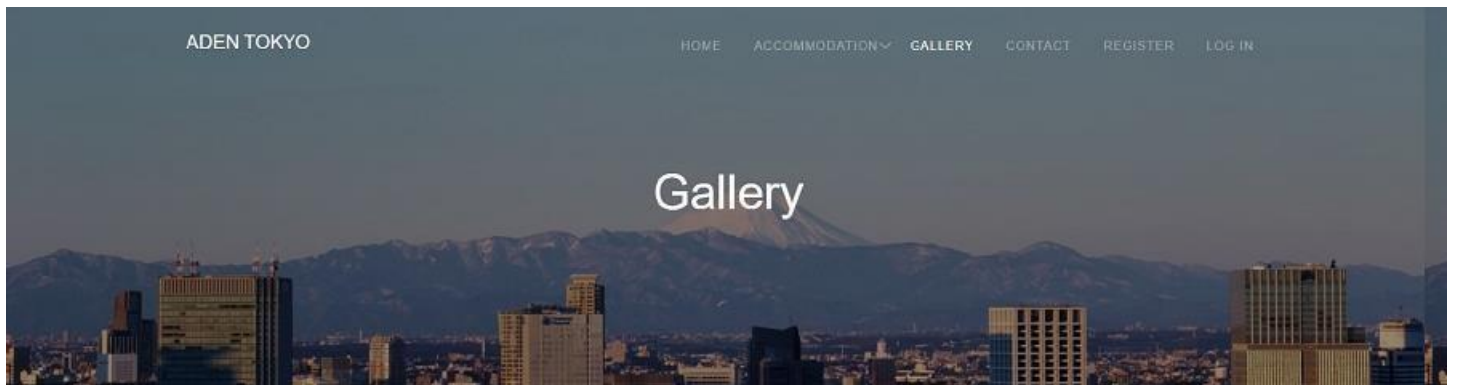
```

    <?xml version="1.0"?>
    <urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
        <url>
            <loc>https://aden-tokyo.000webhostapp.com/index.php</loc>
            <lastmod>2021-06-09</lastmod>
            <changefreq>daily</changefreq>
            <priority>1.0</priority>
        </url>
    </urlset>
  
```

Slike sajta



index.php – slajder



Ostale stranice sa dinamičkim ispisivanjem h1 naslova i dodavanjem klase active u meniju za stranicu na kojoj smo.

20356

USER ACCESS

15501

HOTELS

8200

TRANSACTIONS

8763

RATING & REVIEW

FEATURED ROOMS



Deluxe Palace Garden Room

Deluxe Rooms are the largest entry-level rooms in the city, offering space and privacy at 71 square metres (764 square feet), overlooking the Tokyo skyline.

[BOOK NOW](#)

Aden Suite

Positioned in the northwest corner of the Otemachi Tower, Aden Suites are Aden Tokyo's largest at 157 square metres (1,689 square feet). Each offers a separate bedroom and a living room with dining area and pantry.

[BOOK NOW](#)



Premier Room

Facing the Tokyo skyline, the 80-square-metre (861 square feet) Premier Rooms include a large foyer and expansive bathroom.

[BOOK NOW](#)



HOTEL FACILITIES



RESTAURANT



BAR



PARKING



SWIMMING POOL



SPA



GYM



WORLD CLASS

Restaurant

Whether you are planning a business meeting, seminar, team building session, presentation, press conference or gala dinner, both of our multipurpose event rooms will suit you perfectly. Our dedicated and experienced staff will make sure all the essentials for a successful event are handled with attention to every little detail.

SERVICE HOURS:

7:30 AM - 8:00 PM

HAPPY GUESTS SAYS...

"Me and my wife had a delightful weekend get away here, the staff were so friendly and attentive."

Jason Statham

"If you're looking for a top quality hotel look no further. I would recommend everyone to book a Deluxe room."

Scarlett Johansson

"Probably one of the best hotels in the city. Extreme clean, new, luxurious and organized. My recommendations!"

Natalie Portman

HOTEL SERVICES



TV



Open 24/7



Reservation



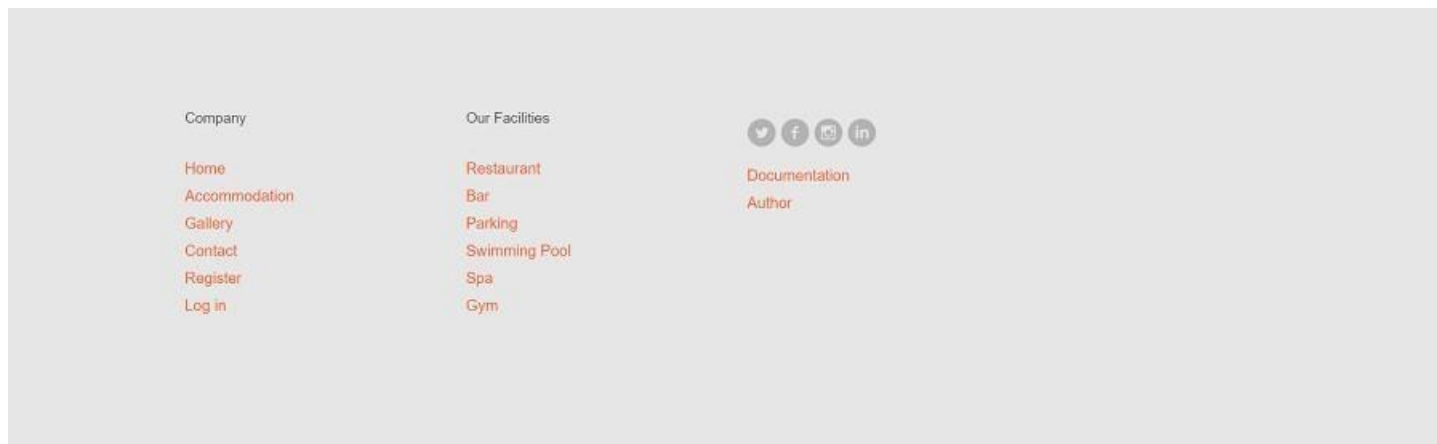
Friendly Staff



Free Wifi

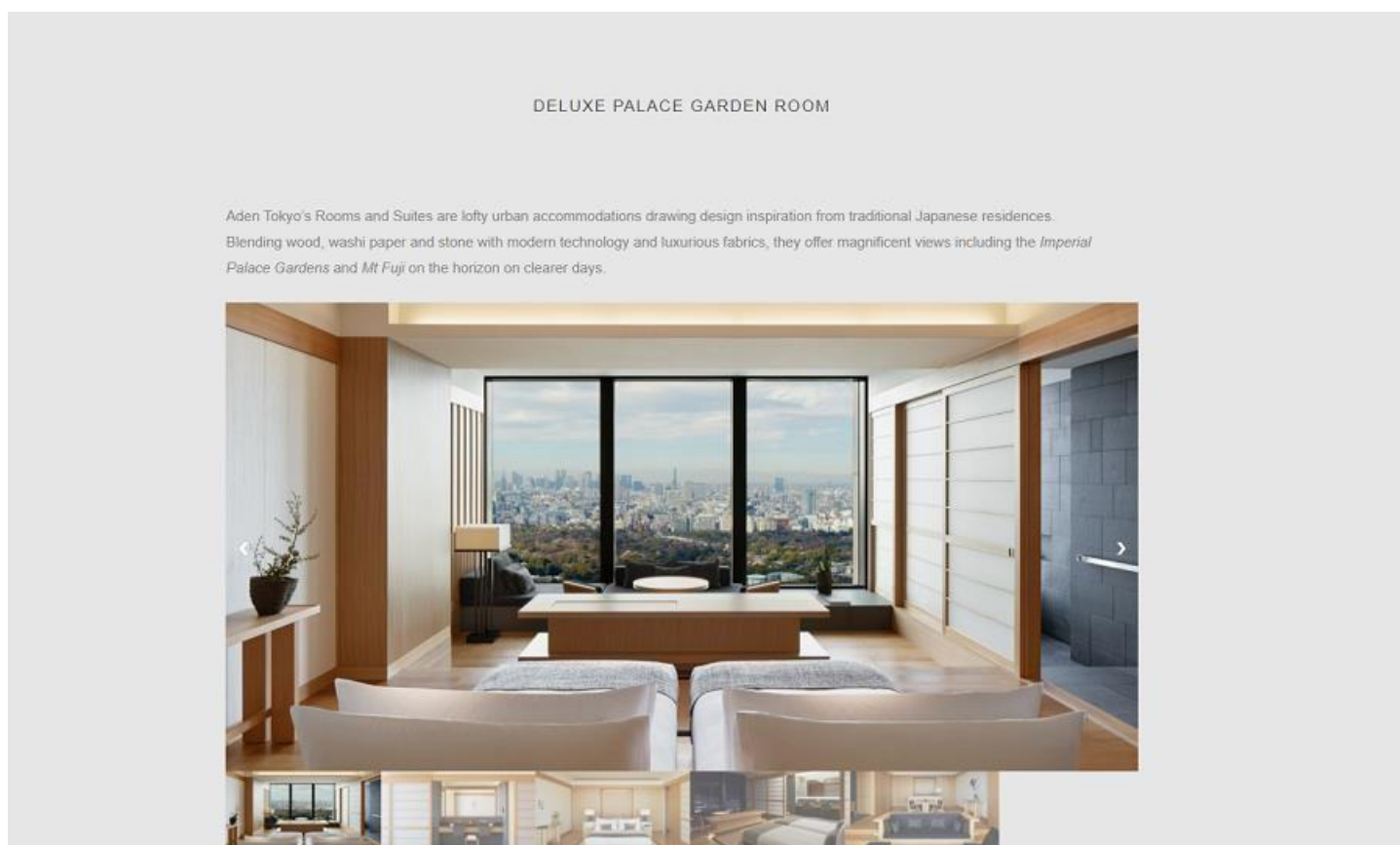


Accessible Location



index.php?page=accommodation&idRoom=1

Na osnovu idRoom se ispisuje pojedinačna soba.



Dinamički sadržaj i forma za rezervaciju sobe, rezervacija je moguća ukoliko je korisnik ulogovan.

Deluxe Rooms are the largest entry-level rooms in the city, offering space and privacy at 71 square metres (764 square feet), overlooking the Tokyo skyline.

Breakfast in Tokyo

The stay includes

- Daily breakfast at The Restaurant for up to two people.

Two guests/night

96000 ¥

Three guests/night

111000 ¥

Retreat for Recovery

The stay includes

- Daily breakfast at The Restaurant per person.
- One 120 min Tea Journey spa treatment.

Two guests/night

179000 ¥

Three guests/night

238500 ¥

Reservation

Select Type ^	Select Number ^	CHECK IN		CHECK OUT		MAKE A RESERVATION >
---------------	-----------------	----------	--	-----------	--	----------------------

Index.php?page=accommodations

Select Filters

Room Category ^	Guests Number ^	Accommodation Type ^	Sort By ^	USE FILTERS >
-----------------	-----------------	----------------------	-----------	---------------



Aden Suite

Positioned in the northwest corner of the Otemachi Tower, Aden Suites are Aden Tokyo's largest at 157 square metres (1,689 square feet). Each offers a separate bedroom and a living room with dining area and pantry.

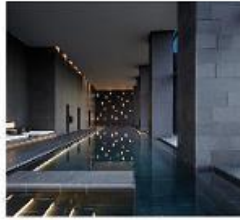
Breakfast in Tokyo	2 Gusets	186000 ¥	BOOK NOW
Breakfast in Tokyo	3 Gusets	201000 ¥	BOOK NOW
Retreat for Recovery	2 Gusets	269000 ¥	BOOK NOW
Retreat for Recovery	3 Gusets	328500 ¥	BOOK NOW




Deluxe Palace Garden Room

Deluxe Rooms are the largest entry-level rooms in the city, offering space and privacy at 71 square metres (764 square feet), overlooking the Tokyo skyline.

Prikaz svih soba sa cenama i tipovima smeštaja uz mogućnost filtriranja i sortiranja.



index.php?page=contact - forma za slanje poruke je disabled, dok se korisnik ne uloguje.



Our Address

198 West 21th Street, Suite 721 Tokyo 10016

+ 1235 2355 98

Please log in to be able to write a message.

Message

Send Message

index.php?page=register

First name	Last name
Phone number	Email
Password	Confirm password
Register	

index.php?page=login

Email

Password

Log in

index.php?page=reservations

ADEN TOKYO

HOMEACCOMMODATION▼GALLERYCONTACTREGISTERMY RESERVATIONSJOVANA - LOG OUT

My reservations

Room name	Accommodation type	Guests number	Check in	Check out	Price	Cancel reservation
Aden Suite	Breakfast in Tokyo	3	2021-03-10	2021-03-15	1005000	
Deluxe Palace Garden Room	Retreat for Recovery	2	2021-06-13	2021-06-21	1436000	Cancel
Premier Room	Retreat for Recovery	2	2021-07-18	2021-07-22	816000	Cancel

Stranica sa rezervacijama određenog korisnika, sabranom cenom po danu boravka i mogućnost otkazivanja rezervacije za one koje nisu prošle.

index.php?page=admin

ROOMS - EXPORT ROOMS IN EXCEL FORMAT

Room Id	Room name	Description	Album	Update	Delete
1	Deluxe Palace Garden Room	Deluxe Rooms are the largest entry-level rooms in the city, offering space and privacy at 71 square metres (764 square feet), overlooking the Tokyo skyline.	deluxe-room	Update	Delete
2	Aden Suite	Positioned in the northwest corner of the Otomachi Tower, Aden Suites are Aden Tokyo's largest at 157 square metres (1,689 square feet). Each offers a separate bedroom and a living room with dining area and pantry.	suite	Update	Delete
3	Premier Room	Facing the Tokyo skyline, the 80-square-metre (861 square feet) Premier Rooms include a large foyer and expansive bathroom.	premier	Update	Delete

INSERT OR UPDATE ROOM

Room name	Breakfast in Tokyo 2 Guests - Price
Album	Breakfast in Tokyo 3 Guests - Price
Description	Retreat for Recovery 2 Guests - Price
	Retreat for Recovery 3 Guests - Price

Choose cover photo of room

No file chosen

Insert

MESSAGES AND RECENSIONS FROM USERS.

First and last name	Message	Visibility on page
Jason Slattham	Me and my wife had a delightful weekend get away here, the staff were so friendly and attentive.	Hide
Scarlett Johansson	If you're looking for a top quality hotel look no further. I would recommend everyone to book a Deluxe room.	Hide
Natalie Portman	Probably one of the best hotels in the city. Extreme clean, new, luxurious and organized. My recommendations!	Hide
Denzel Washington	Beautiful interior and quality food in the restaurant of this hotel. I will be happy to visit you again.	Hide

SITE ACCESS STATISTICS IN THE LAST 24 HOURS

Page	Attendance in the last 24 hours as a percentage
Home	18.6%
Accommodation	6.98%
Gallery	9.3%
Contact	0%
Register	0%
Admin panel	60.47%
Log in	4.66%

Na admin panelu se nalazi tabela sa sobama i mogućnostima za delete, update, insert i export excel fajla.

Izlistavaju se poruke korisnika koje mogu da se prikažu ili sakriju sa početne strane.

Beleži se pristup stranicama u procentima i broj uspešno ulogovanih korisnika u toku današnjeg dana.

index.php?page=author














Jovana Bosnić 90/18

Internet technologies - Web
programming

[Download information about author](#)

Slika strukture sajta

- > assets
- > config
- > data
- > models
- > views
-  403.php
-  index.php
-  sitemap.xml

- ▼ assets
 - > css
 - > fonts
 - > images
 - > js
 - > sass
- ▼ config
 -  .env
 -  config.php
 -  connection.php
- ▼ data
 -  documentation.pdf
 -  errorsLog.txt
 -  log.txt
 -  rooms.xlsx
 -  successLog.txt

✓ models

✓ messages

- 🐘 insert.php
- 🐘 showHomePageComm.php
- 🐘 updateVisibility.php

✓ reservations

- 🐘 cancel.php
- 🐘 reservation.php

✓ rooms

- 🐘 delete.php
- 🐘 export.php
- 🐘 filterAndSort.php
- 🐘 insert.php
- 🐘 update.php

✓ users

- 🐘 login.php
- 🐘 logout.php
- 🐘 register.php
- 🐘 authorInfo.php
- 🐘 functions.php

✓ views

✓ fixed

✓ head

- 🐘 head-accommodation.php
- 🐘 head-contact.php
- 🐘 head-gallery.php
- 🐘 head-home.php
- 🐘 head-login.php
- 🐘 head-register.php
- 🐘 head.php
- 🐘 background.php
- 🐘 footer.php
- 🐘 header.php

✓ pages

- 🐘 accommodation.php
- 🐘 accommodations.php
- 🐘 admin.php
- 🐘 author.php
- 🐘 contact.php
- 🐘 gallery.php
- 🐘 home.php
- 🐘 login.php
- 🐘 register.php
- 🐘 reservations.php

Kodovi

index.php

```
<?php
    session_start();
    include "config/connection.php";
    include "models/functions.php";
    include "views/fixed/head/head.php";
    include "views/fixed/header.php";

    if(isset($_GET["page"])){
        switch($_GET["page"]){
            case 'home':
                include "views/pages/home.php";
                break;
            case 'accommodation':
                include "views/fixed/background.php";
                include "views/pages/accommodation.php";
                break;
            case 'accommodations':
                include "views/fixed/background.php";
                include "views/pages/accommodations.php";
                break;
            case 'gallery':
                include "views/fixed/background.php";
                include "views/pages/gallery.php";
                break;
            case 'contact':
                include "views/fixed/background.php";
                include "views/pages/contact.php";
                break;
            case 'register':
                include "views/fixed/background.php";
                include "views/pages/register.php";
                break;
            case 'login':
                include "views/fixed/background.php";
                include "views/pages/login.php";
                break;
            case 'reservations':
                include "views/fixed/background.php";
                include "views/pages/reservations.php";
                break;
            case 'author':
                include "views/fixed/background.php";
```

```

        include "views/pages/author.php";
        break;
    }
    if($page == "admin"){
        if(isset($_SESSION["user"])){
            if($_SESSION["user"]->id_role == 1){
                include "views/fixed/background.php";
                include "views/pages/admin.php";
            }
            else{
                header("Location: 403.php");
            }
        }
        else{
            header("Location: 403.php");
        }
    }
    else {
        include "views/pages/home.php";
    }

    include "views/fixed/footer.php";
?>

```

403.php

```

<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <title>ACCESS DENIED</title>
    </head>
    <body>
        <h1 class="text-danger text-center pt-5">ACCESS DENIED</h1>
    </body>
</html>

```

views/fixed/head/head.php

```

<!DOCTYPE html>
<!--[if lt IE 7]>    <html class="no-js lt-ie9 lt-ie8 lt-ie7"> <![endif]-->
<!--[if IE 7]>      <html class="no-js lt-ie9 lt-ie8"> <![endif]-->
<!--[if IE 8]>      <html class="no-js lt-ie9"> <![endif]-->

```

```

<!--[if gt IE 8]><!--> <html class="no-js"> <!--<![endif]-->
<head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <?php
        $pages = ["home","accommodation","gallery","contact","login","register"];
        $uri = $_SERVER['REQUEST_URI'];

        foreach($pages as $page){
            if(strpos($uri, $page)){
                include_once("views/fixed/head/head-{$page}.php");
            }
            //dodati za index bez home, ne radi else
        }
    ?>
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <meta name="author" content="Jovana Bosnić" />
    <link rel="shortcut icon" href="assets/images/aden.ico">
    <link rel="stylesheet" href="assets/css/superfish.css">
    <link rel="stylesheet" href="assets/css/bootstrap-datepicker.min.css">
    <link rel="stylesheet" href="assets/css/cs-select.css">
    <link rel="stylesheet" href="assets/css/cs-skin-border.css">
    <link rel="stylesheet" href="assets/css/themify-icons.css">
    <link rel="stylesheet" href="assets/css/flaticon.css">
    <link rel="stylesheet" href="assets/css/icomoon.css">
    <link rel="stylesheet" href="assets/css/flexslider.css">
    <link rel="stylesheet" href="assets/css/style.css">
    <link rel="stylesheet" href="assets/css/lightbox.min.css">
    <link rel="stylesheet" href="assets/css/my-style.css">
    <script src="assets/js/modernizr-2.6.2.min.js"></script>
    <!-- FOR IE9 below -->
    <!--[if lt IE 9]>
        <script src="js/respond.min.js"></script>
    <![endif]-->

</head>
<body>

```

views/fixed/head/ head-accommodation.php

```

<title>Aden Tokyo | Accommodation</title>
<meta name="description" content="Aden Tokyo's Rooms and Suites are lofty urban sanctuaries d
rawing design inspiration from traditional Japanese residences." />
<meta name="keywords" content="Aden, Tokyo, Hotel, Accommodation, Suites, Rooms" />

```

views/fixed/head/ head-contact.php

```
<title>Aden Tokyo | Contact</title>
<meta name="description" content="Get in touch with our hotel managers and ask any question."
/>
<meta name="keywords" content="Aden, Hotel, Contact, Message, Tokyo" />
```

views/fixed/head/ head-gallery.php

```
<title>Aden Tokyo | Gallery</title>
<meta name="description" content="Enjoy the gallery of Aden Hotel with pictures of every corner to enjoy." />
<meta name="keywords" content="Aden, Hotel, Tokyo, Gallery, Pictures" />
```

views/fixed/head/ head-home.php

```
<title>Aden Tokyo Hotel</title>
<meta name="description" content="Discover Aden Tokyo, a luxury hotel and sanctuary spread across the top six floors of the Otemachi Tower near the Imperial Gardens." />
<meta name="keywords" content="Aden, Tokyo, Hotel, Luxury hotel" />
```

views/fixed/head/ head-login.php

```
<title>Aden Tokyo | Log in</title>
<meta name="description" content="Log in and you will be able to make reservation." />
<meta name="keywords" content="Aden, Hotel, Tokyo, Log in, Reservation" />
```

views/fixed/head/ head-register.php

```
<title>Aden Tokyo | Register</title>
<meta name="description" content="Register and become member of Aden Hotel community." />
<meta name="keywords" content="Aden, Hotel, Tokyo, Register" />
```

views/fixed/background.php

```
<div class="fh5co-parallax" data-stellar-background-ratio="0.5">
  <div class="overlay"></div>
  <div class="container">
    <div class="row">
      <div class="col-md-12 col-md-offset-0 col-sm-12 col-sm-offset-0 col-xs-12 col-xs-offset-0 text-center fh5co-table">
        <div class="fh5co-intro fh5co-table-cell">
          <h1 class="text-center">
            <?php
              if(isset($_GET["page"])){
                $page = $_GET["page"];

                foreach($meni as $m){
```

```

        if($page == $m->href){
            echo $m->text;
        }
        if($page == "accommodations"){
            echo "All accommodations";
            break;
        }
    }
}
?>
</h1>
</div>
</div>
</div>
</div>
</div>

```

views/fixd/footer.php

```

<footer id="footer" class="fh5co-bg-color">
    <div class="container">
        <div class="row">
            <div class="col-md-6">
                <div class="row">
                    <div class="col-md-6">
                        <h3>Company</h3>
                        <ul class="link">
                            <?php
                                foreach($meni as $m){
                                    if($m->href != "admin.php"){
                                        echo "<li><a href='index.php?page=$m-
>href'>$m->text</a></li>";
                                    }
                                }
                            ?>
                        </ul>
                    </div>
                    <div class="col-md-6">
                        <h3>Our Facilities</h3>
                        <ul class="link">
                            <?php
                                $facilities = vratiSve("facilities");
                                foreach($facilities as $fac){
                                    echo "<li><a href='#'>$fac->name</a></li>";
                                }
                            ?>
                        </ul>
                    </div>
                </div>
            </div>
        </div>
    </div>

```



```

<header id="fh5co-header-section">
  <div class="container">
    <div class="nav-header">
      <a href="#" class="js-fh5co-nav-toggle fh5co-nav-
toggle"><i></i></a>

      <h1 id="fh5co-logo">
        <a href="index.php">
          <span>Aden Tokyo</span>
        </a>
      </h1>
      <nav id="fh5co-menu-wrap" role="navigation">
        <ul class="sf-menu" id="fh5co-primary-menu">
          <?php

              $meni = vratiSve("menu");
              $sobe = vratiSve("rooms");
              if(isset($_GET["page"])){
                  $page = $_GET["page"];
              }
              $ispis = "";

              foreach($meni as $m){
                  if($m->href != "admin"){
                      if($m->href == "accommodation"){
                          $ispis .= "<li><a href='index.php?page=ac
commodations' class='fh5co-sub-ddown'>$m->text</a>

                              <ul class='fh5co-sub-menu'>";
                          foreach($sobe as $s){
                              $ispis .= "<li><a href='index.php?pag
e=$m->href&idRoom=$s->id_room'>$s->room_name</a></li>";
                          }
                          $ispis .= "<li><a href='index.php?page=ac
commodations'>All accommodations</a></li>";

                          $ispis .= "</ul></li>";
                      }
                      else if($m-
>href == "login" && isset($_SESSION["user"])){
                          $ispis .= "<li><a href='models/users/logo
ut.php' class='btn btn-primary'>".$_SESSION['user']->first_name} - Log out</a></li>";
                      }
                      else if(strpos($page, $m->href)){
                          $ispis .= "<li><a class='active' href='in
dex.php?page=$m->href'>$m->text</a></li>";
                      }
                      else{
                          $ispis .= "<li><a href='index.php?page=$m
->href'>$m->text</a></li>";
                      }
                  }
              }
          }
        </ul>
      </nav>
    </div>
  </div>
</header>

```



```

    }
    else{
        if(isset($_SESSION["user"])){
            if($_SESSION["user"]->id_role == 1){
                if(strpos($page, $m->href)){
                    $ispis .= "<li><a class='active'
href='index.php?page=$m->href'>$m->text</a></li>";
                }else{
                    $ispis .= "<li><a href='index.php
?page=$m->href'>$m->text</a></li>";
                }
            }
        }
    }
}
echo $ispis;
?>
</ul>
</nav>
</div>
</div>
</header>
</div>

```

views/pages/accommodation.php

```

<div id="featured-hotel" class="fh5co-bg-color">
    <div class="containerImg">
        <div class="row">
            <div class="col-md-12">
                <div class="section-title text-center">
                    <?php
                        if(isset($_GET["idRoom"])){
                            $id = $_GET["idRoom"];
                            $soba = pojedinačnaSoba($id);
                            echo '<h2>'.$soba->room_name.'</h2>';
                        }
                    ?>
                </div>
                <div class="container">
                    <p>Aden Tokyo's Rooms and Suites are lofty urban accommodations drawi
ng design inspiration from traditional Japanese residences.
                    <br/>Blending wood, washi paper and stone with modern technology
and luxurious fabrics, they offer magnificent views including the <i>Imperial Palace Gardens<
/i> and <i>Mt Fuji</i> on the horizon on clearer days.</p>
                </div>
            </div>
        </div>
    </div>

```

```

        </div>
    </div>
</div>

<div class="container containerImg">
<?php
    $slike = roomPictures($id);
    $putanjaFolder = $soba->album;
    $ispis = "";

    foreach($slike as $slika){
        $ispis .= '<div class="mySlides">
                    alt.'" style="width:100%">
                    </div>';
    }

    $ispis .= '<a class="prev"><</a><a class="next">></a>
                <div class="row rowImg">';
    $i = 1;
    foreach($slike as $sl){
        $ispis .= '<div class="column">
                    alt.'" style="width:100%" data-id="' . $i.'">
                    </div>';
        $i++;
    }
    $ispis .= '</div>';
    echo $ispis;
?>
</div>
<div class="container-fluid bgWhite">
    <div class="container">
        <div class="description my-auto">
            <p>
                <?php
                    echo $soba->description;
                ?>
            </p>
        </div><hr/>
        <div class="row">
            <div class="col-lg-6">
                <h3>Breakfast in Tokyo</h3>
                <p class="orange">The stay includes</p>
                <ul>
                    <li>Daily breakfast at The Restaurant for up to two people.</
li>
                </ul><br/>

```

```

<div class="row">
  <div class="col-lg-6">
    <h4>Two guests/night</h4>
    <p>
      <?php
        $price = price($id, 2, 1);
        echo($price->price);
      ?>
      &yen;
    </p>
  </div>
  <div class="col-lg-6">
    <h4>Three guests/night</h4>
    <p>
      <?php
        $price = price($id, 3, 1);
        echo($price->price);
      ?>
      &yen;
    </p>
  </div>
</div>
<div class="col-lg-6">
  <h3>Retreat for Recovery</h3>
  <p class="orange">The stay includes</p>
  <ul>
    <li>Daily breakfast at The Resturant per person.</li>
    <li>One 120 min Tea Journey spa treatment.</li>
  </ul>
  <div class="row">
    <div class="col-lg-6">
      <h4>Two guests/night</h4>
      <p>
        <?php
          $price = price($id, 2, 2);
          echo($price->price);
        ?>
        &yen;
      </p>
    </div>
    <div class="col-lg-6">
      <h4>Three guests/night</h4>
      <p>
        <?php
          $price = price($id, 3, 2);
          echo($price->price);
        ?>
      </p>
    </div>
  </div>
</div>

```

```

        ?>
        &yen;
    </p>
</div>
</div>
</div>
</div>
</div><hr/>
<div class="row">
    <h2>Reservation</h2>
    <div id="availability">
        <form action="#">
            <div class="a-col">
                <section>
                    <select id="tipSobe" name="tipSobe" class="cs-
select cs-skin-border">
                        <option value="0" disabled selected>Select Type</
option>
                        <?php
                            $ispis = "";
                            $nizTipova = tipovi($id);
                            foreach($nizTipova as $tip){
                                $ispis .= "<option value='$tip-
>id_acc_type'>$tip->name_type</option>";
                            }
                            echo($ispis);
                        ?>
                    </select>
                </section>
            </div>
            <div class="a-col">
                <section>
                    <select id="brojOsoba" name="brojOsoba" class="cs-
select cs-skin-border">
                        <option value="" disabled selected>Select Number<
/option>
                        <option value="2">Two</option>
                        <option value="3">Three</option>
                    </select>
                </section>
            </div>
            <div class="a-col alternate">
                <div class="input-field">
                    <label for="date-start">Check In</label>
                    <input type="text" class="form-control" id="date-
start" name="datumOd" />
                </div>
            </div>
            <div class="a-col alternate">

```

```

        <div class="input-field">
            <label for="date-end">Check Out</label>
            <input type="text" class="form-control" id="date-
end" name="datumDo" />
        </div>
    </div>
    <div class="a-col action">
        <a id="reserve" data-idsobe="<?= $id ?>" href="#">
            <span>Make a</span>
            Reservation
        </a>
    </div>
</form>
</div>
<div class="row">
    <br/>
    <div class="col-lg-12" id="responseReserv">

    </div>
</div>
</div>
</div>
</div>
</div>

```

views/pages/accommodations.php

```

<div id="featured-hotel" class="fh5co-bg-color">
    <div class="container">
        <div class="row">
            <h2>Select Filters</h2>
            <div id="availability">
                <form action="#">
                    <div class="a-col">
                        <section>
                            <select id="roomCat" name="roomCat" class="cs-select cs-skin-
border">
                                <option value="0" disabled selected>Room Category</option>
                                <?php
                                    foreach($sobe as $soba):
                                ?>
                                    <option value="<?= $soba->id_room ?>"><?= $soba-
>room_name ?></option>
                                <?php

```

```

                                endforeach;
                                ?>
                                </select>
                                </section>
                                </div>
                                <div class="a-col">
                                <section>
                                <select id="guestsNum" name="guestsNum" class="cs-select cs-
skin-border">
                                <option value="" disabled selected>Guests Number</option>
                                <option value="2">Two</option>
                                <option value="3">Three</option>
                                </select>
                                </section>
                                </div>
                                <div class="a-col">
                                <section>
                                <select id="accType" name="accType" class="cs-select cs-skin-
border">
                                <option value="0" disabled selected>Accommodation Type</o
ption>
                                <?php
                                $tipovi = vratiSve("accommodation_type");
                                foreach($tipovi as $tip):
                                ?>
                                <option value="<?= $tip->id_acc_type ?>"><?= $tip-
>name_type ?></option>
                                <?php
                                endforeach;
                                ?>
                                </select>
                                </section>
                                </div>
                                <div class="a-col">
                                <section>
                                <select id="sortPrice" name="sortPrice" class="cs-select cs-
skin-border">
                                <option value="0" disabled selected>Sort By</option>
                                <option value="asc" >Lowest Price</option>
                                <option value="desc">Highest Price</option>
                                </select>
                                </section>
                                </div>
                                <div class="a-col action">
                                <a id="roomsFilters" href="#">
                                <span>Use</span>
                                Filters
                                </a>

```

```

        </div>
    </form>
</div>
</div>
<div class="row">
    <div id='accommodations' class="col-lg-12">
        <?php
            $sobe = tipSlikaCenaZaSveSobe();
            $imenaSoba = [];
            foreach($sobe as $soba){
                if(!in_array($soba->room_name, $imenaSoba)){
                    array_push($imenaSoba, $soba->room_name);
                }
            }

            foreach($imenaSoba as $imeSobe){
                foreach($sobe as $soba){
                    if($soba->room_name == $imeSobe){
                        echo "<div class='row'><div class='col-lg-5'>
                            <img width='100%' src='assets/images/$soba->album/$soba-
>src' alt='$soba->alt'></div>
                            <div class='col-lg-7'><h2>$imeSobe</h2>
                            <p>$soba->description</p></div></div><hr>";
                        break;
                    }
                }
                foreach($sobe as $soba){
                    if($soba->room_name == $imeSobe){
                        echo "<div class='row'>
                            <div class='col-lg-4'><p>$soba->name_type</p></div>
                            <div class='col-lg-3'><p>$soba->number_ppl Gusets</p></div>
                            <div class='col-lg-3'><p>$soba->price &yen;</p></div>
                            <div class='col-lg-
2'><a href='index.php?page=accommodation&idRoom=$soba->id_room' class='btn btn-primary btn-
lux-primary'>Book Now</a></div>
                            </div>
                            <hr>";
                    }
                }
            }
        ?>
    </div>
</div>
</div>
</div>

```

views/pages/admin.php

```
<?php

if(isset($_SESSION["user"])){
    if($_SESSION["user"]->id_role != 1){
        header("Location: 403.php");
    }
}
else{
    header("Location: 403.php");
}

?>

<div id="fh5co-contact-section" class="container">
    <div class="row">
        <div class="col-md-12">
            <div class="section-title text-center">
                <h2>Rooms - <a href="models/rooms/export.php">Export rooms in excel format</a> </h2>
            </div>
        </div>
        <div class="col-md-12 tableAdmin">
            <table class="table">
                <tr>
                    <th>Room id</th>
                    <th>Room name</th>
                    <th>Description</th>
                    <th>Album</th>
                    <th>Update</th>
                    <th>Delete</th>
                </tr>
                <?php
                $ispis = "";
                foreach($soba as $soba){
                    $ispis .= "
                    <tr>
                        <td>$soba->id_room</td>
                        <td id='room$soba->id_room'>$soba->room_name</td>
                        <td id='description$soba->id_room'>$soba->description</td>
                        <td id='album$soba->id_room'>$soba->album</td>
                        <td><a class='roomUpdate' href='#roomsInsertUpdateH' data-id='$soba->id_room'>Update</a></td>
                        <td><a class='roomDelete' href='models/rooms/delete.php?id=$soba->id_room'>Delete</a></td>
                    </tr>";
                }
                echo $ispis;
            </table>
        </div>
    </div>
</div>
```



```

        ?>
    </table>
</div>
<div class="col-md-12">
    <div class="section-title text-center">
        <h2 id="roomsInsertUpdateH">Insert or update room</h2>
    </div>
</div>
<div class="col-md-12 tableAdmin">
    <form action="#">
        <div class="col-md-6">
            <div class="col-md-12">
                <div class="form-group">
                    <input type="text" id="nameRoom" name="nameRoom" class="form-
control" placeholder="Room name">
                </div>
            </div>
            <div class="col-md-12">
                <div class="form-group">
                    <input type="text" id="album" name="album" class="form-
control" placeholder="Album">
                </div>
            </div>
            <div class="col-md-12">
                <div class="form-group">
                    <textarea id="description" name="description" rows="4" class=
"form-control" placeholder="Description"></textarea>
                </div>
            </div>
            <div class="col-md-12">
                <div class="form-group">
                    <label for="coverPhoto">Choose cover photo of room</label>
                    <input type="file" id="coverPhoto" name="coverPhoto" class="form-
control">
                </div>
            </div>
        </div>
        <div class="col-md-6">
            <div class="col-md-12">
                <div class="form-group">
                    <input type="number" id="priceBr2" name="priceBr2" class="for
m-control" placeholder="Breakfast in Tokyo 2 Guests - Price">
                </div>
            </div>
            <div class="col-md-12">
                <div class="form-group">

```

```

        <input type="number" id="priceBr3" name="priceBr3" class="form-control" placeholder="Breakfast in Tokyo 3 Guests - Price">
    </div>
</div>
<div class="col-md-12">
    <div class="form-group">
        <input type="number" id="priceRfr2" name="priceRfr2" class="form-control" placeholder="Retreat for Recovery 2 Guests - Price">
    </div>
</div>
<div class="col-md-12">
    <div class="form-group">
        <input type="number" id="priceRfr3" name="priceRfr3" class="form-control" placeholder="Retreat for Recovery 3 Guests - Price">
    </div>
</div>
<div id="errorInsertUpdate" class="col-md-12"></div>
<div class="col-md-12">
    <div class="form-group">
        <input type="button" value="Insert" id="insertUpdate" class="btn btn-primary">
    </div>
</div>
</div>
</form>
</div>
<div class="col-md-12">
    <div class="section-title text-center">
        <h2>Messages and recensions from users.</h2>
    </div>
</div>
<div class="col-md-12 tableAdmin">
    <table class="table">
        <tr>
            <th>First and last name</th>
            <th>Message</th>
            <th>Visibility on page</th>
        </tr>
        <?php
            $ispis = "";
            $poruke = messagesAndUsers();
            foreach($poruke as $poruka){
                $ispis .= "<tr>
                    <td>$poruka->first_name $poruka->last_name</td>
                    <td>$poruka->message</td>";
                if($poruka->show_on_page == 1){
                    $ispis .= "<td><a href='models/messages/updateVisibility.php?id=$poruka->id_message&visibility=0'>Hide</a></td>";

```

```

        }
        else{
            $ispis .= "<td><a href='models/messages/updateVisibility.
php?id=$poruka->id_message&visibility=1'>Show</a></td>";
        }
        $ispis .= "</tr>";
    }
    echo $ispis;
?>
</table>
</div>
<div class="col-md-12">
    <div class="section-title text-center">
        <h2>Site access statistics in the last 24 hours</h2>
    </div>
</div>
<div class="col-md-12 tableAdmin">
    <table class="table">
        <tr>
            <th>Page</th>
            <th>Attendance in the last 24 hours as a percentage</th>

        </tr>
    <?php
        $ispis = "";
        $podaci = file(LOG_FILE);
        $menu = vratiSve("menu");
        $date = date("d-m-Y");
        $rezultat = [];
        $br = 0;
        $ukupno = 0;
        foreach($menu as $m){
            foreach($podaci as $podatak){
                $niz = explode(SEPARATOR, $podatak);
                $dateLog = explode(" ", $niz[3]);
                $pageLog = explode("=", $niz[1]);
                @ $pageLog = explode("&", $pageLog[1]);

                if($date == $dateLog[0] && $m->href == @$pageLog[0]){
                    $br++;
                    $ukupno++;
                }
            }
            array_push($rezultat, $br);
            $br = 0;
        }
        $i=0;

```

```

        foreach($menu as $m){
            $ispis .= "<tr>
                <td>$m->text</td>
                <td>". round($rezultat[$i]/$ukupno * 100, 2) ."%<
/td>

                </tr>";
            $i++;
        }
        echo $ispis;
    ?>
</table>
</div>
<div class="col-md-12">
    <div class="section-title text-center">
        <?php
            $file = file(SUCCESS_LOG);
            $date = date("d-m-Y");
            $users = [];
            foreach($file as $row){
                $arr = explode(SEPARATOR, $row);
                if($date == $arr[2]){
                    if(!in_array($arr[1], $users)){
                        array_push($users, $arr[1]);
                    }
                }
            }
        ?>
        <h2>The number of different successfully logged in users for <?= $date ?>
is <?= count($users) ?></h2>
    </div>
</div>
</div>
</div>

```

views/pages/author.php

```

<div id="fh5co-contact-section">
    <div class="container">
        <div class="row">
            <div class="col-md-6">
                
            </div>
            <div class="col-md-6">
                <h1>Jovana Bosnić 90/18</h1>
                <h2>Internet technologies - Web programming</h2>
                <a href="models/authorInfo.php">Download information about author</a>
            </div>
        </div>
    </div>

```

```

        </div>
    </div>
</div>
</div>

```

views/pages/contact.php

```

<div id="fh5co-contact-section">
    <div class="container">
        <div class="row">
            <div class="col-md-6">
                
            </div>
            <div class="col-md-6">
                <div class="col-md-12">
                    <h3>Our Address</h3>
                    <ul class="contact-info">
                        <li><i class="ti-
map"></i>198 West 21th Street, Suite 721 Tokyo 10016</li>
                        <li><i class="ti-mobile"></i>+ 1235 2355 98</li>
                    </ul>
                </div>
                <div class="col-md-12">
                    <div class="row">
                        <form action="#">
                            <?php
                                $ispis = "";
                                if(!isset($_SESSION["user"])){
                                    $ispis .= '<div class="col-md-
12"><h2 class="orange">Please log in to be able to write a message or recension.</h2></div>
                                    <div class="col-md-12">
                                        <div class="form-group">
                                            <textarea name="userMessage" class="form-
control" cols="30" rows="7" placeholder="Message" disabled></textarea>
                                        </div>
                                    </div>';
                                }
                                else{
                                    $ispis .= '
                                    <div class="col-md-12">
                                        <div class="form-group">
                                            <textarea name="userMessage" class="form-
control" id="userMessage" cols="30" rows="7" placeholder="Message"></textarea>
                                            <span></span>
                                        </div>

```

```

        </div>';
    }
    echo $ispis;
?>
<div class="col-md-12">
    <div class="form-group">
        <input type="button" id="message" name ="message" value="
Send Message" class="btn btn-primary"/>
    </div>
</div>
</form>
</div>
</div>
</div>
</div>
</div>

```

views/pages/gallery.php

```

<div id="fh5co-blog-section">
    <div class="container-gall">
        <div class="gallery">
            <?php
                $gallery = vratiSve("gallery");
                $ispis = "";

                foreach($gallery as $picture){
                    $ispis .= '<a href="assets/' . $picture->href.'" data-
lightbox="gallery" class="img-grid-' . $picture->id_gallery.'"></a>';
                }
                echo($ispis);
            ?>
        </div>
    </div>
</div>

```

views/pages/home.php

```

<aside id="fh5co-hero" class="js-fullheight">
    <div class="flexslider js-fullheight">
        <ul class="slides">
            <?php
                $ispis = "";
                foreach($sobe as $soba){

```

```

        $ispis .= '<li class="cover'.$soba->id_room.'">
            <div class="overlay-gradient"></div>
            <div class="container">
                <div class="col-md-12 col-md-offset-0 text-
center slider-text">
                    <div class="slider-text-inner js-
fullheight">
                        <div class="desc">
                            <p><span>Aden Hotel</span></p>
                            <h2>'.$soba->room_name.'</h2>
                            <p>
                                <a href="index.php?page=accom
modation&idRoom='.$soba->id_room.'" class="btn btn-primary btn-lg">Book Now</a>
                            </p>
                        </div>
                    </div>
                </div>
            </div>
        </li>';
    }
    echo $ispis;
?>
</ul>
</div>
</aside>

<div id="fh5co-counter-section" class="fh5co-counters">
    <div class="container">
        <div class="row">
            <?php
                $niz = array (
                    array("User Access" => 20356),
                    array("Hotels" => 1550),
                    array("Transactions" => 8200),
                    array("Rating & Review" => 8763)
                );
                foreach($niz as $n){
                    foreach($n as $text => $num){
                        echo ("<div class='col-md-3 text-center'>
                            <span class='fh5co-counter js-counter' data-from='0' data-
to='$num' data-speed='5000' data-refresh-interval='50'></span>
                            <span class='fh5co-counter-label'>$text</span>
                        </div>");
                    }
                }
            <?php
        </div>
    </div>

```

```

    </div>
</div>

<div id="featured-hotel" class="fh5co-bg-color">
    <div class="container">
        <div class="row">
            <div class="col-md-12">
                <div class="section-title text-center">
                    <h2>Featured Rooms</h2>
                </div>
            </div>
        </div>
        <div class="row">
            <div class="feature-full-1col">
                <div class="image cover1">
                    <div class="descrip text-center">
                        <p><small>For as low as</small><span>96.000 &yen;/night</span></p>
                    </div>
                </div>
            </div>
            <div class="desc">
                <?php
                    $soba = pojedinačnaSoba(1);
                    $ispis = "
                    <h3>$soba->room_name</h3>
                    <p>$soba->description</p>
                    <p><a href='accommodation.php?idRoom=$soba-
>id_room' class='btn btn-primary btn-luxe-primary'>Book Now <i class='ti-angle-
right'></i></a></p>
                    ";
                    echo $ispis;
                <?>
            </div>
        </div>
        <div class="feature-full-2col">
            <?php
                $ispis = "";
                foreach($sobe as $s){
                    if($s->id_room == 2 || $s->id_room == 3){
                        $ispis .= "<div class='f-hotel'>
                            <div class='image cover{$s->id_room}'>
                                <div class='descrip text-center'>
                                    <p><small>For as low as</small><span>96.000 &yen;/
night</span></p>
                                </div>
                            </div>
                        <div class='desc'>
                            <h3>$s->room_name</h3>

```



```

                <p>{$s->description}</p>
                <p><a href='index.php?page=accommodation&idRoom={$s-
>id_room' class='btn btn-primary btn-luxe-primary'>Book Now <i class='ti-angle-
right'></i></a></p>
            </div>
        </div>";
    }
}
echo $ispis;
?>
</div>
</div>
</div>

<div id="hotel-facilities">
    <div class="container">
        <div class="row">
            <div class="col-md-12">
                <div class="section-title text-center">
                    <h2>Hotel Facilities</h2>
                </div>
            </div>
        </div>
    </div>

    <div id="tabs">
        <nav class="tabs-nav">
            <?php
                $facilities = vratiSve("facilities");
                $ispis1 = "";
                $i1 = 1;
                foreach($facilities as $fac):
                    if($i1 == 1){
                        $ispis1 .= '<a href="#" class="active" data-
tab="tab'.$i1.'">';
                    }
                    else{
                        $ispis1 .= '<a href="#" data-tab="tab'.$i1.'">';
                    }
                    $ispis1 .= '<i class=".'$fac->icon.'"></i>
                        <span>'.$fac->name.'</span>
                        </a>';
                    $i1++;
                endforeach;
                echo($ispis1);
            ?>

```

```

</nav>

<div class="tab-content-container">

    <?php
        $ispis = "";
        $i = 1;
        foreach($facilities as $fac):
            if($i == 1){
                $ispis .= '<div class="tab-content active show" data-tab-
content="tab'. $i.'">';
            }
            else{
                $ispis .= '<div class="tab-content" data-tab-
content="tab'. $i.'">';
            }
            $ispis .= '<div class="container">
                <div class="row">
                    <div class="col-md-6">
                        name.'">
                    </div>
                    <div class="col-md-6">
                        <span class="super-heading-sm">World Class</span>
                        <h3 class="heading">'. $fac->name .'</h3>
                        <p>'. $fac->text .'</p>
                        <p class="service-hour">
                            <span>Service Hours</span>
                            <strong>7:30 AM - 8:00 PM</strong>
                        </p>
                    </div>
                </div>
            </div>
            </div>';
            $i++;
        endforeach;
        echo($ispis);

    ?>
</div>
</div>
</div>
</div>

<div id="testimonial">
    <div class="container">
        <div class="row">
            <div class="col-md-12">

```

```

        <div class="section-title text-center">
            <h2>Happy Guests Says...</h2>
        </div>
    </div>
</div>
<div id="topKomentari" class="row">
    <?php
        $poruke = topMessages();
        $ispis = "";
        foreach($poruke as $por){
            $ispis .= "<div class='col-md-6'>
                <div class='testimony'>
                    <blockquote>
                        &ldquo;$por->message&rdquo;
                    </blockquote>
                    <p class='author'><cite>$por->first_name $por-
>last_name</cite></p>
                </div>
            </div>";
        }
        echo($ispis);
    ?>
</div>
<nav aria-label="Page navigation example">
    <ul class="pagination">
        <li class="page-item"><a class="page-link komentari" href="#" data-
limit="0">1</a></li>
        <li class="page-item"><a class="page-link komentari" href="#" data-
limit="2">2</a></li>
    </ul>
</nav>
</div>
</div>

<div id="fh5co-services-section">
    <div class="container">
        <div class="row">
            <div class="col-md-12">
                <div class="section-title text-center"><br/><br/>
                <h2>Hotel Services</h2>
            </div>
        </div>
    </div>
    <div class="row">
        <?php
            $services = array (
                array("TV" => "icon-tv"),

```

```

        array("Open 24/7" => "ti-alarm-clock"),
        array("Reservation" => "ti-calendar"),
        array("Friendly Staff" => "ti-user"),
        array("Free Wifi" => "ti-signal"),
        array("Accessible Location" => "ti-location-pin")
    );
    foreach($services as $serv){
        foreach($serv as $text => $icon){
            echo ("<div class='col-md-4 services'>
                <div class='services'>
                    <span><i class='$icon'></i></span>
                    <div class='desc'><br/>
                        <h3>$text</h3>
                    </div>
                </div></div>");
        }
    }
    ?>
</div>
</div>
</div>

```

views/pages/login.php

```

<div id="fh5co-contact-section" class="container">
    <div class="row">
        <div class="col-md-2"></div>
        <div class="col-md-8">
            <div class="row">
                <form action="models/users/login.php" method="post">
                    <div class="col-md-12">
                        <div class="form-group">
                            <input type="text" id="emailLog" name="emailLog" class="form-
control" placeholder="Email">
                            <p></p>
                        </div>
                    </div>
                    <div class="col-md-12">
                        <div class="form-group">
                            <input type="password" id="passLog" name="passLog" class="for
m-control" placeholder="Password">
                            <p></p>
                        </div>
                    </div>
                    <div id="loginResponse" class="col-md-12">

                </div>
            </div>
        </div>
    </div>

```



```

        <input type="text" id="email" name="email" class="form-
control" placeholder="Email">
        <span></span>
    </div>
</div>
<div class="col-md-6">
    <div class="form-group">
        <input type="password" id="pass" name="pass" class="form-
control" placeholder="Password">
        <span></span>
    </div>
</div>
<div class="col-md-6">
    <div class="form-group">
        <input type="password" id="confPass" name="confPass" class="f
orm-control" placeholder="Confirm password">
        <span></span>
    </div>
</div>
<div id="regResult" class="col-md-6"></div>
<div class="col-md-12">
    <div class="form-group">
        <input type="submit" value="Register" id="registerBtn" class="f
orm-control btn btn-primary">
    </div>
</div>
</form>
</div>
</div>
</div>
</div>
</div>

```

[views/pages/reservations.php](#)

```
<?php
    if(!isset($_SESSION["user"])){
        header("Location: 403.php");
    }
?>
<div id="featured-hotel" class="fh5co-bg-color">
    <div class="container">
        <div class="row">
            <div class="accommodations col-lg-12">
                <table class="table">
                    <tr>
                        <th>Room name</th>
```

```

        <th>Accommodation type</th>
        <th>Guests number</th>
        <th>Check in</th>
        <th>Check out</th>
        <th>Price</th>
        <th>Cancel reservation</th>
    </tr>
<?php
    $id = $_SESSION["user"]->id_user;
    $reservations = getReservations($id);
    if(count($reservations) > 0):
        foreach($reservations as $res):
            $chkIn = explode("-", $res->check_in);
            $chkOut = explode("-", $res->check_out);
            $chkInTime = mktime(0, 0, 0, $chkIn[1], $chkIn[2], $chkIn[0]);
            $chkOutTime = mktime(0, 0, 0, $chkOut[1], $chkOut[2], $chkOut[0])
;

            $days = floor(($chkOutTime - $chkInTime)/60/60/24);

        ?>

        <tr>
            <td><?= $res->room_name ?></td>
            <td><?= $res->name_type ?></td>
            <td><?= $res->number_ppl ?></td>
            <td><?= $res->check_in ?></td>
            <td><?= $res->check_out ?></td>
            <td><?= $res->price * $days ?></td>
            <?php
                $today = mktime();
                if($chkInTime > $today){
                    echo "<td><a href='models/reservations/cancel.php?id=$res
->id_reservation'>Cancel</a></td>";
                }
                else{
                    echo "<td></td>";
                }
            ?>
        </tr>

    <?php
        endforeach;
    endif;
?>
</table>
</div>
</div>
</div>
</div>

```

models/messages/insert.php

```
<?php
    session_start();
    header("Content-type: applicaton/json");
    if($_SERVER["REQUEST_METHOD"] == "POST"){
        if(isset($_SESSION['user'])){
            include "../config/connection.php";
            include "../functions.php";

            try{
                $message = $_POST["message"];
                $reMessage = "/^.{3,255}$/";

                if(!preg_match($reMessage, $message)){
                    http_response_code(409);
                }
                else{
                    $userId = $_SESSION['user']->id_user;
                    $columns = "message, id_user";
                    $values = [$message, $userId];
                    $result = insert("users_messages", $columns, $values);
                    if($result){
                        $response = ["message" => "Message is sent."];
                        echo json_encode($response);
                        http_response_code(201);
                    }
                }
            }
            catch(PDOException $exce){
                http_response_code(500);
            }
        }
        else{
            http_response_code(401);
        }
    }
    else{
        http_response_code(404);
    }
?>
```


models/messages/ showHomePageComm.php

```
<?php
header("Content-type: applicaton/json");
if($_SERVER["REQUEST_METHOD"] == "POST"){
    include "../../config/connection.php";
    include "../functions.php";

    try{
        $limit = $_POST["limit"];
        $kometari = topMessages($limit);
        echo json_encode($kometari);
        http_response_code(200);
    }
    catch(PDOException $exce){
        http_response_code(500);
    }
}
else{
    http_response_code(404);
}
?>
```

models/messages/ updateVisibility.php

```
<?php
session_start();
header("Content-type: applicaton/json");
if(isset($_SESSION["user"])){
    if($_SESSION["user"]->id_role == 1){

        include "../../config/connection.php";
        include "../functions.php";
        if(isset($_GET["id"]) && isset($_GET["visibility"])){
            try{
                $id = $_GET["id"];
                $visibility = $_GET["visibility"];

                $result = updateVisibilityMessages($id, $visibility);

                if($result){
                    http_response_code(204);
                    header("Location: ../../index.php?page=admin");
                }
            }
            catch(PDOException $exce){
                http_response_code(500);
            }
        }
    }
}
```

```

    }
    else{
        header("Location: ../../403.php");
    }
}
}
else{
    header("Location: ../../403.php");
}
?>

```

models/rooms/delete.php

```

<?php
    session_start();
    if(isset($_GET["id"])){
        if(isset($_SESSION["user"])){
            if($_SESSION["user"]->id_role == 1){
                include "../../config/connection.php";
                include "../../functions.php";

                try{
                    $id = $_GET["id"];
                    $rezultat = deleteRoom($id);
                    if($rezultat){
                        header("Location: ../../index.php?page=admin");
                    }
                }
                catch(PDOException $exce){
                    http_response_code(500);
                }
            }
            else{
                header("Location: ../../403.php");
            }
        }
        else{
            header("Location: ../../403.php");
        }
    }
    else{
        http_response_code(404);
    }
}
?>

```

models/rooms/export.php

```

<?php

```

```
include "../../config/connection.php";
include "../../functions.php";

$excel_app = new COM("Excel.application");
$excel_app->Visible = 1;
$excel_app->DisplayAlerts = 1;
$Workbook = $excel_app->Workbooks->Open(ABSOLUTE_PATH."/data/rooms.xlsx");
$Worksheet = $Workbook->Worksheets("Sheet1");

$field = $Worksheet->Range("A1");
$field->activate;
$field->Value = "Room id:";

$field = $Worksheet->Range("B1");
$field->activate;
$field->Value = "Room name:";

$field = $Worksheet->Range("C1");
$field->activate;
$field->Value = "Description:";

$rooms = vratiSve("rooms");
$num = 2;

foreach($rooms as $room){
    $field = $Worksheet->Range("A$num");
    $field->activate;
    $field->Value = $room->id_room;

    $field = $Worksheet->Range("B$num");
    $field->activate;
    $field->Value = $room->room_name;

    $field = $Worksheet->Range("C$num");
    $field->activate;
    $field->Value = $room->description;

    $num++;
}

$Workbook->_SaveAs(ABSOLUTE_PATH."/rooms.xlsx", -4143);

$Workbook->Save();
$Workbook->Saved = true;
$Workbook->Close;

unset($Worksheet);
```

```

unset($Workbook);

$excel_app->Workbooks->Close();
$excel_app->Quit();

unset($excel_app);

header("Location: ../../index.php?page=admin");
?>

```

models/rooms/ filterAndSort.php

```

<?php
header("Content-type: applicaton/json");
if($_SERVER["REQUEST_METHOD"] == "POST"){
    include "../../config/connection.php";
    include "../functions.php";

    try{

        $roomCat = $_POST["roomCat"];
        $guestsNum = $_POST["guestsNum"];
        $accType = $_POST["accType"];
        $sortPrice = $_POST["sortPrice"];

        $rooms = filterSortSobe($roomCat, $guestsNum, $accType, $sortPrice);

        if(count($rooms) != 0){
            echo json_encode($rooms);
            http_response_code(200);
        }

    }
    catch(PDOException $exce){
        http_response_code(500);
    }
}
else{
    http_response_code(404);
}
?>

```

models/rooms/insert.php

```

<?php
session_start();
header("Content-type: applicaton/json");
if(isset($_SESSION["user"])){

```

```

if($_SESSION["user"]->id_role == 1){
    include "../config/connection.php";
    include "../functions.php";

    try{
        $koneksi->beginTransaction();

        $nameRoom = $_POST['nameRoom'];
        $album = $_POST['album'];
        $description = $_POST['description'];
        $priceBr2 = $_POST['priceBr2'];
        $priceBr3 = $_POST['priceBr3'];
        $priceRfr2 = $_POST['priceRfr2'];
        $priceRfr3 = $_POST['priceRfr3'];

        $errors = [];

        $colRoom = "room_name, description, album";
        $valRoom = [$nameRoom, $description, $album];
        insert("rooms", $colRoom, $valRoom);
        $idRoom = $koneksi->lastInsertId();

        $colType = "id_room, id_acc_type";
        insert("room_type", $colType, [$idRoom, 1]);
        $idBr = $koneksi->lastInsertId();

        insert("room_type", $colType, [$idRoom, 2]);
        $idRfr = $koneksi->lastInsertId();

        $colPrice = "number_ppl, id_room_type, price";
        insert("price", $colPrice, [2, $idBr, $priceBr2]);
        insert("price", $colPrice, [2, $idRfr, $priceRfr2]);
        insert("price", $colPrice, [3, $idBr, $priceBr3]);
        insert("price", $colPrice, [3, $idRfr, $priceRfr3]);

        if(isset($_FILES['photo'])){
            $photo = $_FILES['photo'];

            $photoType = $photo["type"];
            $photoTmp = $photo["tmp_name"];
            $types = ["image/jpg", "image/jpeg", "image/png"];

            if(!in_array($photoType, $types)){
                array_push($errors, "File must have .jpg/.jpeg/.png extension.");
            }
            if($photo["size"] > (5 * 1024)){
                array_push($errors, "The maximum file size is 500KB.");
            }
        }
    }
}

```

```

    }

    if(count($errors) == 0){
        $newName = time()."_" . $photo["name"];

        $newPath = "../assets/images/$album/$newName";

        if(move_uploaded_file($photoTmp, $newPath)){
            $alt = $nameRoom." Cover";
            $colPicture = "src, alt, id_room";
            insert("room_pic", $colPicture, [$newName, $alt, $idRoom]);
        }

        $uploadedPic = null;
        switch($photoType){
            case 'image/jpeg':
                $uploadedPic = imagecreatefromjpeg($photoTmp);
                break;
            case 'image/png':
                $uploadedPic = imagecreatefrompng($photoTmp);
                break;
        }
        list($width, $height) = getimagesize($photo["tmp_name"]);
        $newWidth = 200;
        $newHeight = $height * $newWidth / $width;
        $newPic = imagecreatetruecolor($newWidth, $newHeight);
        imagecopyresampled($newPic, $uploadedPic, 0, 0, 0, 0, $newWidth,
$newHeight, $width, $height);

        $thumbPic = "thumb_". $newName;
        $pathThumbPic = "assets/images/thumb/$thumbPic";

        switch($photoType){
            case 'image/jpeg':
                imagejpeg($newPic, "../assets/images/thumb/$pathThumbPic");
                break;
            case 'image/png':
                imagepng($newPic, "../assets/images/thumb/$pathThumbPic");
                break;
        }
    }
}

$konekcija->commit();
$response = ["message" => "Successfully inserted."];
echo json_encode($response);
}
catch(PDOException $exce){

```

```

        $konekcija->rollback();
        http_response_code(500);
    }
}
else{
    header("Location: ../../403.php");
}
}
else{
    header("Location: ../../403.php");
}
?>

```

models/rooms/update.php

```

<?php
session_start();
header("Content-type: applicaton/json");
if(isset($_SESSION["user"])){
    if($_SESSION["user"]->id_role == 1){
        if(isset($_POST['idRoom'])){
            include "../../config/connection.php";
            include "../../functions.php";

            try{
                $idRoom = $_POST['idRoom'];
                $nameRoom = $_POST['nameRoom'];
                $album = $_POST['album'];
                $description = $_POST['description'];

                $rezultat = updateRoom($idRoom, $nameRoom, $album, $description);
                if($rezultat){
                    $response = ["message" => "Successfully updated."];
                    echo json_encode($response);
                }
            }
            catch(PDOException $exce){
                http_response_code(500);
            }
        }
    }
}
else{
    header("Location: ../../403.php");
}
}
else{
    header("Location: ../../403.php");
}
}

```

?>

models/users/login.php

```
<?php
session_start();
header("Content-type: applicaton/json");
if($_SERVER["REQUEST_METHOD"] == "POST"){
    include "../config/connection.php";
    include "../functions.php";

    try{
        $email = $_POST["emailLog"];
        $password = $_POST["passLog"];
        $reEmail = "/^[\\w\\.\\-]+\\@([a-z\\d]+\\.)+[a-z]{2,3}$/";
        $rePass = "/^.{5,40}$/";
        $errors = [];

        if(!preg_match($reEmail, $email)){
            array_push($errors, "Email must contain @, and it could only use lowercase letters, numbers, '.' and '-'.");
        }
        if(!preg_match($rePass, $password)){
            array_push($errors, "Password must contain at least 5 character.");
        }

        if(count($errors) != 0){
            // $response = ["message" => $errors];
            // echo json_encode($response);

            errorLogFile($email, "Parameters didn't pass regular expressions.");
            emailWarning($email);
            http_response_code(409);
            header("Location: ../../index.php?page=login");
        }
        else{
            $pass = md5($password);

            $userObj = logovanje($email, $pass);

            if($userObj){
                $_SESSION["user"] = $userObj;

                successLogFile($email);
                http_response_code(200);
                if($_SESSION["user"]->id_role == 1){
                    header("Location: ../../index.php?page=admin");
                }
            }
        }
    }
}
```



```

        else{
            header("Location: ../../index.php");
        }
    }
    else{
        errorLogFile($email, "The parameters do not match the database.");
        emailWarning($email);

        http_response_code(400);
        header("Location: ../../index.php?page=login");
    }
}
}
catch(PDOException $exce){
    http_response_code(500);
}
}
else{
    http_response_code(404);
}
?>

```

models/users/logout.php

```

<?php
    session_start();
    if(isset($_SESSION["user"])){
        unset($_SESSION["user"]);
        header("Location: ../../index.php");
    }
?>

```

models/users/register.php

```

<?php
    header("Content-type: applicaton/json");
    if($_SERVER["REQUEST_METHOD"] == "POST"){
        include "../../config/connection.php";
        include "../functions.php";

        try{

            $firstName = $_POST["firstName"];
            $lastName = $_POST["lastName"];
            $email = $_POST["email"];
            $phone = $_POST["phone"];
            $password = $_POST["password"];

```

```

        $reFirstLastName = "/^[A-ZŠĐŽČĆ][a-zšđžć]{2,14}(\s[A-ZŠĐŽČĆ][a-
zšđžć]{2,14})?$/";
        $reEmail = "/^[\\w\\.\\-]+\\@([a-z\\d]+\\.)+[a-z]{2,3}$/";
        $rePhone = "/^(\\+381\\s|0)6[0-69]\\s[0-9]{3}\\s[0-9]{3,4}$/";
        $rePass = "/^.{5,40}$/";

        $errors = false;
        $errorPoruke = [];

        if(!preg_match($reFirstLastName, $firstName)){
            $errors= true;
        }
        if(!preg_match($reFirstLastName, $lastName)){
            $errors = true;
        }
        if(!preg_match($reEmail, $email)){
            $errors = true;
        }
        if(!preg_match($rePhone, $phone)){
            $errors = true;
        }
        if(!preg_match($rePass, $password)){
            $errors = true;
        }

        if($errors){
            http_response_code(409);
        }
        else{
            $pass = md5($password);
            $role = 2;

            $columns = "first_name, last_name, phone, email, password, id_role";
            $userValues = [$firstName, $lastName, $phone, $email, $pass, $role];
            $insertUser = insert("users", $columns, $userValues);

            if($insertUser){
                $response = ["message" => "You are now registered."];
                echo json_encode($response);
                http_response_code(201);
            }
        }
    }
    catch(PDOException $exce){
        http_response_code(500);
    }
}
else{

```

```
    http_response_code(404);
}
?>
```

models/reservations/reservation.php

```
<?php
    session_start();
    header("Content-type: applicaton/json");
    if($_SERVER["REQUEST_METHOD"] == "POST"){
        include "../../config/connection.php";
        include "../../functions.php";
        try{
            $tipSobe = $_POST["tipSobe"];
            $brojOsoba = $_POST["brojOsoba"];
            $datumOd = $_POST["datumOd"];
            $datumOd = explode("/", $datumOd);
            $datumOd = mktime(00,00,00,$datumOd[0],$datumOd[1], $datumOd[2]);
            $datumDo = $_POST["datumDo"];
            $datumDo = explode("/", $datumDo);
            $datumDo = mktime(00,00,00,$datumDo[0],$datumDo[1], $datumDo[2]);
            $idSobe = $_POST["idSobe"];
            $errors = false;
            $errorMessages[] = [];

            if($tipSobe != 1 && $tipSobe != 2){
                $errors = true;
                array_push($errorMessages, "Please select type of room.");
            }
            if($brojOsoba != 2 && $brojOsoba != 3){
                $errors = true;
                array_push($errorMessages, "Please select number of guests.");
            }
            if($datumOd - $datumDo > 0){
                $errors = true;
                array_push($errorMessages, "Check out can't be before check in.");
            }
            if($idSobe == null){
                $errors = true;
            }
            if(!$errors){
                $cena = price($idSobe, $brojOsoba, $tipSobe);
                $idCene = $cena->id_price;
                $datumOd = date("Y-m-d", $datumOd);
                $datumDo = date("Y-m-d", $datumDo);

                if(isset($_SESSION["user"])){
                    $userId = $_SESSION["user"]->id_user;
```

```

        $columns = "id_user, id_price, check_in, check_out";
        $rezervacija = insert("reservation", $columns, [$userId, $idCene, $datumO
d, $datumDo]);
        if($rezervacija){
            $odgovor = ["message" => "You have successfully made a reservation."]
;
            echo json_encode($odgovor);
            http_response_code(201);
        }
    }
    else{
        http_response_code(401);
    }
}
else{
    echo json_encode($errorMessages);
}
}
catch(PDOException $exce){
    http_response_code(500);
}
}
else{
    http_response_code(404);
}
}
?>

```

models/reservations/cancel.php

```

<?php
session_start();
if(isset($_GET["id"])){
    if(isset($_SESSION["user"])){

        include "../config/connection.php";
        include "../functions.php";

        try{
            $id = $_GET["id"];
            $result = cancelReservation($id);
            if($result){
                http_response_code(200);
                header("Location: ../index.php?page=reservations");
            }
        }
        catch(PDOException $exce){
            http_response_code(500);
        }
    }
}

```

```

        else{
            header("Location: ../../403.php");
        }
    }
    else{
        http_response_code(404);
    }
}
?>

```

models/authorInfo.php

```

<?php
    include "../config/config.php";
    $word = new COM("word.application") or die("Unable to instantiate Word");
    $word->Visible = 1;
    $word->Documents->Add();

    $word->Selection->TypeText("Jovana Bosnic
                                Date of birth: 18.12.1998.
                                Languages: Serbian, English
                                Current town: Kacarevo
                                Education
                                Internet Technologies at ICT college of applied studies 2018-
present
                                High school: Economic and trade schools, Pancevo 2013-2017
                                Skills\nHTML 5, CSS 3\nAdvanced CSS (SASS, LESS)\nJavaScript\
nC#\nPHP\nSQL\nResponsive design\nBootstrap, Materialize\nPhotoshop");

    $path = ABSOLUTE_PATH. "/data/author.docx";
    $word->Documents[1]->SaveAs($path);

    header("Content-Disposition: attachment; filename=author.docx");

    $word->Quit();

    $word = null;

    $file = file_get_contents($path);
    header("Content-type: application/vnd.ms-word");
    header("Content-Disposition: attachment;filename=author.docx");
    echo($file);

    if(file_exists($path)) {
        unlink($path);
    }
}

```

?>

models/ functions.php

```
<?php
function vratiSve($tabela){
    global $konekcija;
    $upit = "SELECT * FROM $tabela";
    $dobijeniPodaci = $konekcija->query($upit)->fetchAll();
    return $dobijeniPodaci;
}

function pojedinačnaSoba($id){
    global $konekcija;
    $upit = "SELECT * FROM rooms WHERE id_room = :id";
    $priprema = $konekcija->prepare($upit);
    $priprema->bindParam(":id", $id);
    $priprema->execute();
    $rezultat = $priprema->fetch();
    return $rezultat;
}

function roomPictures($id){
    global $konekcija;
    $upit = "SELECT rp.src, rp.alt FROM rooms r INNER JOIN room_pic rp
            ON r.id_room = rp.id_room
            WHERE r.id_room = ?";
    $priprema = $konekcija->prepare($upit);
    $priprema->execute([$id]);
    $dobijeniPodaci = $priprema->fetchAll();
    return $dobijeniPodaci;
}

function price($id, $number, $type){
    global $konekcija;
    $upit = "SELECT p.id_price, p.price FROM rooms r INNER JOIN room_type rt
    ON r.id_room = rt.id_room INNER JOIN accommodation_type acct
    ON acct.id_acc_type=rt.id_acc_type INNER JOIN price p
    ON rt.id_room_type=p.id_room_type
    WHERE r.id_room = ? AND p.number_ppl = ? AND acct.id_acc_type= ?
    ORDER BY p.date desc
    LIMIT 1";
    $priprema = $konekcija->prepare($upit);
    $priprema->execute([$id, $number, $type]);
    $dobijeniPodaci = $priprema->fetch();
    return $dobijeniPodaci;
}

function tipICenaZaSobu($id){
    global $konekcija;
    $upit = "SELECT p.id_room_type, acct.name_type, p.id_price, p.number_ppl, p.price
    FROM rooms r INNER JOIN room_type rt
```

```

    ON r.id_room = rt.id_room INNER JOIN accommodation_type acct
    ON acct.id_acc_type=rt.id_acc_type INNER JOIN price p
    ON rt.id_room_type=p.id_room_type
    WHERE r.id_room = $id";
    $dobijeniPodaci = $konekcija->query($upit)->fetchAll();
    return $dobijeniPodaci;
}

function tipSlikaCenaZaSveSobe(){
    global $konekcija;
    $upit = "SELECT r.id_room, r.room_name, r.album, r.description, r.album, rp.src, rp.alt,
acct.name_type, p.number_ppl, p.price
    FROM rooms r INNER JOIN room_pic rp ON r.id_room = rp.id_room
    INNER JOIN room_type rt ON r.id_room = rt.id_room
    INNER JOIN accommodation_type acct ON acct.id_acc_type=rt.id_acc_type
    INNER JOIN price p ON rt.id_room_type=p.id_room_type
    GROUP BY r.room_name, acct.name_type, p.number_ppl
    HAVING MIN(rp.id_room_pic)";
    $dobijeniPodaci = $konekcija->query($upit)->fetchAll();
    return $dobijeniPodaci;
}

function filterSortSobe($roomCat, $guestsNum, $accType, $sortPrice){
    global $konekcija;
    $upit = "SELECT r.id_room, r.room_name, r.album, r.description, r.album, rp.src, rp.alt,
acct.name_type, p.number_ppl, p.price
    FROM rooms r INNER JOIN room_pic rp ON r.id_room = rp.id_room
    INNER JOIN room_type rt ON r.id_room = rt.id_room
    INNER JOIN accommodation_type acct ON acct.id_acc_type=rt.id_acc_type
    INNER JOIN price p ON rt.id_room_type=p.id_room_type ";

    if($roomCat != null){
        $upit .= "WHERE r.id_room = $roomCat ";
        if($guestsNum != null){
            $upit .= "AND p.number_ppl = $guestsNum ";
        }
        if($accType != null){
            $upit .= "AND acct.id_acc_type = $accType ";
        }
    }
    else if($guestsNum != null){
        $upit .= "WHERE p.number_ppl = $guestsNum ";
        if($accType != null){
            $upit .= "AND acct.id_acc_type = $accType ";
        }
    }
    else if($accType != null){
        $upit .= "WHERE acct.id_acc_type = $accType ";
    }
}

```

```

$upit .= "GROUP BY r.room_name, acct.name_type, p.number_pp1
        HAVING MIN(rp.id_room_pic) ";

    if($sortPrice != null){
        $upit .= "ORDER BY p.price $sortPrice";
    }

    $dobijeniPodaci = $konekcija->query($upit)->fetchAll();
    return $dobijeniPodaci;
}

function tipovi($id){
    global $konekcija;
    $upit = "SELECT DISTINCT acct.id_acc_type, acct.name_type
    FROM rooms r INNER JOIN room_type rt
    ON r.id_room = rt.id_room INNER JOIN accommodation_type acct
    ON acct.id_acc_type=rt.id_acc_type
    WHERE r.id_room = $id";
    $dobijeniPodaci = $konekcija->query($upit)->fetchAll();
    return $dobijeniPodaci;
}

function logovanje($email, $pass){
    global $konekcija;
    $upit = "SELECT * FROM users u INNER JOIN role r
        ON u.id_role=r.id_role
        WHERE u.email = :email AND u.password = :password";
    $priprema = $konekcija->prepare($upit);
    $priprema->bindParam(":email", $email);
    $priprema->bindParam(":password", $pass);
    $priprema->execute();
    $rezultat = $priprema->fetch();
    return $rezultat;
}

function errorLogFile($email, $message){
    $open = fopen(ERROR_LOG, "a");
    if($open){
        $date = date("d-m-Y");
        $time = date("H:i:s");
        fwrite($open, "{$_SERVER['REMOTE_ADDR']}".SEPARATOR."{$email}".SEPARATOR."{$date}".SE
PARATOR."{$time}".SEPARATOR."{$message}\n");
        fclose($open);
    }
}

function successLogFile($email){
    $open = fopen(SUCCESS_LOG, "a");
    if($open){
        $date = date("d-m-Y");

```



```

        $time = date("H:i:s");
        fwrite($open, "{$_SERVER['REMOTE_ADDR']}".SEPARATOR."{$email}".SEPARATOR."{$date}".$SEPARATOR."{$time}\n");
        fclose($open);
    }
}

function emailWarning($email){
    global $konekcija;
    $upit = "SELECT * FROM users WHERE email = :email";
    $priprema = $konekcija->prepare($upit);
    $priprema->bindParam(":email", $email);
    $priprema->execute();
    $rezultat = $priprema->fetch();
    if(count($rezultat)){
        $podaci = file(ERROR_FILE);
        $now = mktime();
        foreach($podaci as $podatak){
            $niz = explode(SEPARATOR, $podatak);
            if($email == $niz[1]){
                $dateLog = explode("-", $niz[2]);
                $timeLog = explode(":", $niz[3]);
                $timestamp = mktime($timeLog[0], $timeLog[1], $timeLog[2], $dateLog[1], $dateLog[0], $dateLog[2]);
                $razlikaMinuti = ($now - $timestamp) / 60;
                if($razlikaMinuti < 5){
                    $br++;
                }
            }
        }
        if($br == 3){
            mail($email, "Warning - Aden Hotel Account", "Hello, someone is trying to access your account with incorrect parameters.");
        }
    }
}

function getReservations($idUser){
    global $konekcija;
    $upit = "SELECT *
    FROM rooms r INNER JOIN room_type rt ON r.id_room = rt.id_room
    INNER JOIN accommodation_type acct ON acct.id_acc_type=rt.id_acc_type
    INNER JOIN price p ON rt.id_room_type=p.id_room_type
    INNER JOIN reservation res ON res.id_price=p.id_price
    INNER JOIN users u ON res.id_user=u.id_user
    WHERE u.id_user = ?";
    $priprema = $konekcija->prepare($upit);
    $priprema->execute([$idUser]);
    $dobijeniPodaci = $priprema->fetchAll();
}

```

```

    return $dobijeniPodaci;
}
function cancelReservation($id){
    global $konekcija;
    $upit = "DELETE FROM reservation WHERE id_reservation = :id";
    $priprema = $konekcija->prepare($upit);
    $priprema->bindParam(":id", $id);
    $rezultat = $priprema->execute();
    return $rezultat;
}
function deleteRoom($id){
    global $konekcija;
    $upit = "DELETE FROM rooms WHERE id_room = :id";
    $priprema = $konekcija->prepare($upit);
    $priprema->bindParam(":id", $id);
    $rezultat = $priprema->execute();
    return $rezultat;
}
function updateRoom($idRoom, $nameRoom, $album, $description){
    global $konekcija;
    $upit = "UPDATE rooms
        SET room_name=:nameRoom, album=:album, description=:description
        WHERE id_room=:id";
    $priprema = $konekcija->prepare($upit);
    $priprema->bindParam(":id", $idRoom);
    $priprema->bindParam(":nameRoom", $nameRoom);
    $priprema->bindParam(":album", $album);
    $priprema->bindParam(":description", $description);
    $rezultat = $priprema->execute();
    return $rezultat;
}
function insert($table, $columnsNames, $columnsValues){
    global $konekcija;
    $val = "?";
    for($i = 1; $i < count($columnsValues); $i++){
        $val .= ", ?";
    }
    $query = "INSERT INTO $table ($columnsNames) VALUES($val)";
    $prep = $konekcija->prepare($query);
    $result = $prep->execute($columnsValues);
    return $result;
}
function topMessages($limit = 0){
    global $konekcija;
    $offset = 2;
    $upit = "SELECT *
        FROM users_messages um INNER JOIN users u
        ON um.id_user=u.id_user";

```

```

        WHERE um.show_on_page = 1
        LIMIT :limit, :offset";
    $priprema = $konekcija->prepare($upit);
    $priprema->bindParam(":limit", $limit, PDO::PARAM_INT);
    $priprema->bindParam(":offset", $offset, PDO::PARAM_INT);
    $priprema->execute();
    $rezultat = $priprema->fetchAll();
    return $rezultat;
}

function messagesAndUsers(){
    global $konekcija;
    $upit = "SELECT u.first_name, u.last_name, um.id_message, um.message, um.show_on_page
            FROM users u INNER JOIN users_messages um
            ON u.id_user=um.id_user";
    $dobijeniPodaci = $konekcija->query($upit)->fetchAll();
    return $dobijeniPodaci;
}

function updateVisibilityMessages($id, $visibility){
    global $konekcija;
    $upit = "UPDATE users_messages
            SET show_on_page = :visibility
            WHERE id_message = :id";
    $priprema = $konekcija->prepare($upit);
    $priprema->bindParam(":id", $id, PDO::PARAM_INT);
    $priprema->bindParam(":visibility", $visibility, PDO::PARAM_INT);
    $rezultat = $priprema->execute();
    return $rezultat;
}

?>

```

config/config.php

```

<?php

define("ABSOLUTE_PATH", $_SERVER["DOCUMENT_ROOT"]."/aden");
define("ENV_FILE", ABSOLUTE_PATH."/config/.env");
define("LOG_FILE", ABSOLUTE_PATH."/data/log.txt");
define("ERROR_LOG", ABSOLUTE_PATH."/data/errorsLog.txt");
define("SUCCESS_LOG", ABSOLUTE_PATH."/data/successLog.txt");
define("SEPARATOR", "\t");

define("SERVER", env("SERVER"));
define("DATABASE", env("DATABASE"));
define("USERNAME", env("USERNAME"));
define("PASSWORD", env("PASSWORD"));

function env($value){

```

```

$open = fopen(ENV_FILE, "r");
$file = file(ENV_FILE);
$valueEnv = "";

foreach($file as $f){
    $config = explode("=", $f);
    if($value == $config[0]){
        $valueEnv = trim($config[1]);
        break;
    }
}
return $valueEnv;
}

```

config/connection.php

```

<?php

require_once "config.php";

accessToPages();

try {
    $konekcija = new PDO("mysql:host=".SERVER.";dbname=".DATABASE.";charset=utf8", USERNAME,
PASSWORD);
    $konekcija->setAttribute(PDO::ATTR_DEFAULT_FETCH_MODE, PDO::FETCH_OBJ);
    $konekcija->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
}
catch(PDOException $ex){
    echo $ex->getMessage();
}

function accessToPages(){
    $open = fopen(LOG_FILE, "a");
    if($open){
        $date = date("d-m-Y H:i:s");
        fwrite($open, "{$_SERVER['PHP_SELF']}".SEPARATOR."{$_SERVER['QUERY_STRING']}".SEPARAT
OR."{$_SERVER['REMOTE_ADDR']}".SEPARATOR."{$date}\n");
        fclose($open);
    }
}

```

JS

main.js

```
$(document).ready(function(){

    $("#registerBtn").click(registerUser);
    $("#reserve").click(reserveRoom);
    $(".roomUpdate").click(updateRoom);
    $("#insertUpdate").click(updateInsertRoom);
    $("#roomsFilters").click(filterSortRooms);
    $("#message").click(userMessage);
    $(".komentar").click(showComments);

    var lokacija = location.search;

    var slideIndex = 1;
    if(lokacija.indexOf("accommodation") != -1 && lokacija.indexOf("s") == -1){
        showSlides(slideIndex);
    }
    $(".prev").on("click", function(){
        showSlides(slideIndex -= 1);
    });
    $(".next").on("click", function(){
        showSlides(slideIndex += 1);
    });
    $(".demo").click(currentSlide);

    function currentSlide() {
        let n = $(this).data("id");
        showSlides(slideIndex = n);
    }

    function showSlides(n) {
        var i;
        var slides = document.getElementsByClassName("mySlides");
        var dots = document.getElementsByClassName("demo");

        if (n > slides.length) {slideIndex = 1}
        if (n < 1) {slideIndex = slides.length}
        for (i = 0; i < slides.length; i++) {
            slides[i].style.display = "none";
```

```

    }
    for (i = 0; i < dots.length; i++) {
        dots[i].className = dots[i].className.replace(" active", "");
    }
    slides[slideIndex-1].style.display = "block";
    dots[slideIndex-1].className += " active";
}

var reEmail = /^[w\.\-]+\@([a-z\d]+\.[a-z]{2,3})$/;
var rePass = /^[5,40]$/;
var errEmail = "Email must contain @, and it could only use lowercase letters, numbers, '
.' and '-'.";
var errPass = "Password must contain at least 5 character.";

function registerUser(e){

    e.preventDefault();

    let firstName = $("#firstName");
    let lastName = $("#lastName");
    let email = $("#email");
    let phone = $("#phone");
    let password = $("#pass");
    let confPass = $("#confPass");

    let reNameLast = /^[A-ZŠĐŽČĆ][a-zšđžćć]{2,14}(\s[A-ZŠĐŽČĆ][a-zšđžćć]{2,14})?$/;
    let rePhone = /^(+381\s|0)6[0-69]\s[0-9]{3}\s[0-9]{3,4}$/;

    let errName = "Please enter name with capital letter and at least 3 character.";
    let errLastname = "Please enter lastname with capital letter and at least 3 character.";
    let errPhone = "Correct format for phone number is +381 6x yyy yyy(y) or 06x yyy yyy(y)";
    let errPassConf = "Please enter same password.";

    var errors = 0;

    provera(firstName, reNameLast, errName);
    provera(lastName, reNameLast, errLastname);
    provera(email, reEmail, errEmail);
    provera(phone, rePhone, errPhone);
    provera(password, rePass, errPass);

    function provera(field, regEx, message){
        if(!regEx.test(field.val())){
            errors++;
            field.css("border-color", "#FF5722");
            field.next().html(message);
        }
    }

```

```

        else{
            field.css("border-color", "#58a6a6");
            field.next().html("");
        }
    }

    if(password.val() != confPass.val() || confPass.val() == ""){
        errors++;
        confPass.css("border-color", "#FF5722");
        confPass.next().html(errPassConf);
    }
    else{
        confPass.css("border-color", "#58a6a6");
        confPass.next().html("");
    }

    if(errors == 0){
        $.ajax({
            url : "models/users/register.php",
            method : "POST",
            dataType : "json",
            data : {
                firstName : firstName.val(),
                lastName : lastName.val(),
                email : email.val(),
                phone : phone.val(),
                password : password.val()
            },
            success : function(result){
                $("#regResult").html(`<p class="alert alert-success">${result.message}</p>`);
                $("#email").css("border-color", "#58a6a6");
            },
            error : function(xhr){
                if(xhr.status == 500){
                    $("#regResult").html(`<p class="alert alert-
danger">This email is already used. Try to
register with another one.</p>`);
                    $("#email").css("border-color", "#FF5722");
                }
            }
        });
    }
}

function showComments(e){
    e.preventDefault();
    let limit = $(this).data("limit");
    $.ajax({

```

```

url : "models/messages/showHomePageComm.php",
method : "POST",
dataType : "json",
data : {
    limit : limit,
},
success : function(result){
    let ispis = "";
    for(let res of result){
        ispis += `<div class='col-md-6'>
            <div class='testimony'>
                <blockquote>
                    &ldquo;${res.message}&rdquo;
                </blockquote>
                <p class='author'><cite>${res.first_name} ${res.last_name}</cite>
</p>
            </div>
        </div>`;
    }
    $("#topKomentari").html(ispis);
},
error : function(xhr){

}
});
}
function userMessage(){

    let message = $("#userMessage");
    let reMessage = /^[^]{3,255}$/;
    if(!reMessage.test(message.val())){
        message.css("border-color", "#FF5722");
        message.next().html("Please write something with min 3 and max 255 characters.");
    }else{
        message.css("border-color", "#58a6a6");
        $.ajax({
            url : "models/messages/insert.php",
            method : "POST",
            dataType : "json",
            data : {
                message : message.val()
            },
            success : function(result){
                message.next().html(`<br/><p class="alert alert-
success">${result.message}</p>`);
            },
            error : function(xhr){

```



```

    }
  });
}
}
function reserveRoom(e){
  e.preventDefault();

  let tipSobe = $("#tipSobe").val();
  let brojOsoba = $("#brojOsoba").val();
  let danas = Date.now();
  let datumOd = Date.parse($("#date-start").val());
  let datumDo = Date.parse($("#date-end").val());
  let idSobe = $(this).data("idsobe");
  let brojGresaka = 0;
  let poruka = [];

  if(tipSobe == null){
    brojGresaka++;
    poruka.push("Please select type of room.");
  }
  if(brojOsoba == null){
    brojGresaka++;
    poruka.push("Please select number of guests.");
  }
  if((datumOd - datumDo) > 0){
    brojGresaka++;
    poruka.push("Check out can't be before check in.");
  }
  if((danas - datumOd) > 0 || (danas - datumDo) > 0){
    brojGresaka++;
    poruka.push("You selected dates that are in past.");
  }
  if(isNaN(datumOd) || isNaN(datumDo)){
    brojGresaka++;
    poruka.push("Please select dates.");
  }
  let ispis = "";
  if(brojGresaka){
    for(let por of poruka){
      ispis += `
```

```

        dataType : "json",
        data : {
            tipSobe : tipSobe,
            brojOsoba : brojOsoba,
            datumOd : $("#date-start").val(),
            datumDo : $("#date-end").val(),
            idSobe : idSobe
        },
        success : function(result){
            $("#responseReserv").html(`<p class="alert alert-
success">${result.message}</p>`);
        },
        error : function(xhr){
            if(xhr.status == 401){
                $("#responseReserv").html(`<p class="alert alert-
danger">You must be logged in to make a reservation.</p>`);
            }
        }
    });
}
}

function updateRoom(){
    let id = $(this).data("id");
    $("#nameRoom").val($("#room"+id).text());
    $("#album").val($("#album"+id).text());
    $("#description").val($("#description"+id).text());
    $("#insertUpdate").val("Update");
    localStorage.setItem("idRoom", id);
}

function updateInsertRoom(){
    var idRoom = localStorage.getItem("idRoom");
    var nameRoom = $("#nameRoom").val();
    var album = $("#album").val();
    var description = $("#description").val();
    var priceBr2 = parseInt($("#priceBr2").val());
    var priceRfr2 = parseInt($("#priceRfr2").val());
    var priceBr3 = parseInt($("#priceBr3").val());
    var priceRfr3 = parseInt($("#priceRfr3").val());
    var photo = $("#coverPhoto")[0].files[0];
    var button = $("#insertUpdate").val();
    var message = "";

    if(nameRoom == "" || album == "" || description.val() == ""){
        message += "Name, description and album fields are required.<br/>";
    }

    if(priceBr2 <= 0 || priceBr3 <= 0 || priceRfr2 <= 0 || priceBr3 <= 0
        || isNaN(priceBr2) || isNaN(priceBr3) || isNaN(priceRfr2) || isNaN(priceRfr3)){
        message += "Prices must be number above zero.<br/>";
    }
}

```

```

}

if(message != ""){
    $("#errorInsertUpdate").html(`<p class="alert alert-danger">${message}</p>`);
}
else{

    let dataRoom = new FormData();
    dataRoom.append("nameRoom", nameRoom);
    dataRoom.append("album", album);
    dataRoom.append("description", description);
    dataRoom.append("priceBr2", priceBr2);
    dataRoom.append("priceBr3", priceBr3);
    dataRoom.append("priceRfr2", priceRfr2);
    dataRoom.append("priceRfr3", priceRfr3);
    dataRoom.append("photo", photo);
    dataRoom.append("idRoom", idRoom);

    $.ajax({
        url : button == "Update" ? "models/rooms/update.php" : "models/rooms/insert.php",
        method : "POST",
        dataType : "json",
        data : dataRoom,
        contentType:false,
        processData: false,
        success : function(result){
            $("#errorInsertUpdate").html(`<br/><p class="alert alert-
success">${result.message}</p>`);
        },
        error : function(xhr){
            if(xhr.status == 500){
                $("#errorInsertUpdate").html(`<p class="alert alert-
danger">Internal Server Error</p>`);
            }
        }
    });
}
}

function filterSortRooms(e){
    e.preventDefault();

    let roomCat = $("#roomCat").val();
    let guestsNum = $("#guestsNum").val();
    let accType = $("#accType").val();
    let sortPrice = $("#sortPrice").val();

    $.ajax({

```

```

url: "models/rooms/filterAndSort.php",
method: "POST",
dataType: "json",
data: {
    roomCat : roomCat,
    guestsNum : guestsNum,
    accType : accType,
    sortPrice : sortPrice
},
success: function(rooms){
    let ispis = "";
    let roomNames = [];
    for(let room of rooms){
        if(!roomNames.includes(room.room_name)){
            roomNames.push(room.room_name);
        }
    }
    for(let roomName of roomNames){
        for(let room of rooms){
            if(roomName == room.room_name){
                ispis += `<div class='row'><div class='col-lg-5'>
                <img width='100%' src='assets/images/${room.album}/${room.src}' alt='
${room.alt}'></div>

                <div class='col-lg-7'><h2>${roomName}</h2>
                <p>${room.description}</p></div></div><hr>`;
                break;
            }
        }
        for(let room of rooms){
            if(roomName == room.room_name){
                ispis += `<div class='row'>
                <div class='col-lg-4'><p>${room.name_type}</p></div>
                <div class='col-lg-3'><p>${room.number_ppl} Guests</p></div>
                <div class='col-lg-3'><p>${room.price} &yen;</p></div>
                <div class='col-lg-
2'><a href='index.php?page=accommodation&idRoom=${room.id_room}' class='btn btn-primary btn-
lux-primary'>Book Now</a></div>
                </div>
                <hr>`;
            }
        }
    }

    $("#accommodations").html(ispis);
},
error : function(xhr){
    console.log(xhr);
}

```

```

    });
}
function ajaxCallBack(url, method, data, result, error){
    $.ajax({
        url: url,
        method: method,
        data: data,
        dataType: "json",
        success: result,
        error : error
    });
}
});

```

CSS

my-style.css

```

.img-grid-1{
    background-image: url(../images/resturant.png);
    grid-area: img-grid-1;
    min-height: 51.5rem;
}
.img-grid-2{
    background-image: url(../images/swimming_pool.jpg);
    grid-area: img-grid-2;
}
.img-grid-3{
    background-image: url(../images/the_restaurant.jpg);
    grid-area: img-grid-3;
}
.img-grid-4{
    background-image: url(../images/inner_garden.jpg);
    grid-area: img-grid-4;
}
.img-grid-5{
    background-image: url(../images/suite_bathroom.jpg);
    grid-area: img-grid-5;
    min-height: 51.5rem;
}
.img-grid-6{

```

```
    background-image: url(../images/coctails.png);
    grid-area: img-grid-6;
}
.img-grid-7{
    background-image: url(../images/lobi.png);
    grid-area: img-grid-7;
}
.img-grid-8{
    background-image: url(../images/sushi.png);
    grid-area: img-grid-8;
}
.img-grid-9{
    background-image: url(../images/fumoir.jpg);
    grid-area: img-grid-9;
}
.img-grid-10{
    background-image: url(../images/lemon.png);
    grid-area: img-grid-10;
    min-height: 51.5rem;
}
.img-grid-11{
    background-image: url(../images/restaurant-by-aman.jpg);
    grid-area: img-grid-11;
}
.img-grid-12{
    background-image: url(../images/lobby_high_res.jpg);
    grid-area: img-grid-12;
    min-height: 51.5rem;
}
.img-grid-13{
    background-image: url(../images/spa_high_res.jpg);
    grid-area: img-grid-13;
}
.container-gall{
    width: 100%;
    max-width: 120rem;
    margin: auto;
    padding: 0 1.5rem;
}
.gallery{
    display: grid;
    grid-template-columns: 1fr 1fr 1fr 1fr;
    grid-template-rows: auto;
    grid-gap: 2vmin;
    grid-template-areas:
        "img-grid-1 img-grid-2 img-grid-3 img-grid-3"
        "img-grid-1 img-grid-4 img-grid-5 img-grid-6"
        "img-grid-7 img-grid-8 img-grid-5 img-grid-9"
```

```

"img-grid-10 img-grid-11 img-grid-12 img-grid-12"
"img-grid-10 img-grid-13 img-grid-12 img-grid-12";
}
@media (max-width: 767px) {
  .gallery{
    grid-template-columns: 1fr 1fr 1fr;
    grid-template-areas:
      "img-grid-1 img-grid-3 img-grid-3"
      "img-grid-1 img-grid-2 img-grid-4"
      "img-grid-5 img-grid-6 img-grid-4"
      "img-grid-5 img-grid-7 img-grid-8"
      "img-grid-9 img-grid-10 img-grid-11"
      "img-grid-12 img-grid-10 img-grid-13";
  }
  .img-grid-12{
    min-height: 0px;
  }
  .img-grid-4{
    min-height: 51.5rem;
  }
}
.gallery a{
  width: 100%;
  height: 25rem;
  background-position: center;
  background-repeat: no-repeat;
  background-size: cover;
  position: relative;
  display: flex;
  align-items: center;
  justify-content: center;
}
.gallery a::before{
  content: "";
  position: absolute;
  width: 100%;
  height: 100%;
  top: 0;
  left: 0;
  background-color: rgba(0,0,0,.8);
  opacity: 0;
  transition: opacity .5s;
}
.gallery a:hover::before{
  opacity: 1;
}
#logo{

```

```

    width: 20px !important;
}
.cover1{
    background-image: url(../images/deluxe-room/deluxe_palace.jpg);
}
.cover2{
    background-image: url(../images/suite/suite.jpg);
}
.cover3{
    background-image: url(../images/premier/premier_palace.jpg);
}

img {
    vertical-align: middle;
}
/* Position the image container (needed to position the left and right arrows) */
.containerImg {
    position: relative;
}
.mySlides {
    display: none;
}
.cursor {
    cursor: pointer;
}

.prev, .next {
    cursor: pointer;
    position: absolute;
    top: 40%;
    width: auto;
    padding: 16px;
    color: #fff;
    font-weight: bold;
    font-size: 20px;
    border-radius: 0 3px 3px 0;
    user-select: none;
    -webkit-user-select: none;
}

.next {
    right: 0;
    border-radius: 3px 0 0 3px;
    margin-right: 20px;
}

.prev:hover,
.next:hover {
    background-color: rgba(0, 0, 0, 0.8);
}

```



```
}  
.rowImg:after {  
    content: "";  
    display: table;  
    clear: both;  
}  
.rowImg{  
    margin-left: 0px !important;  
}  
.column {  
    float: left;  
    width: 16.66%;  
}  
.demo {  
    opacity: 0.6;  
}  
.active, .demo:hover {  
    opacity: 1;  
}  
.description{  
    width: 100%;  
    padding-top: 100px;  
    padding-bottom: 50px;  
}  
.bgWhite{  
    background-color: #fff;  
}  
.orange{  
    color: #FF5722;  
}  
.tableAdmin{  
    margin-bottom: 100px;  
}  
#accommodations{  
    background-color: #fff;  
    margin-top: 80px;  
    padding-top: 20px;  
}  
#insertUpdate{  
    float: right !important;  
}
```