



**AKDENİZ UNIVERSITY**  
**FACULTY OF ENGINEERING**

**CSE 236 – Web Programming**

**Hotel Management Project**

**Intermediate Report**

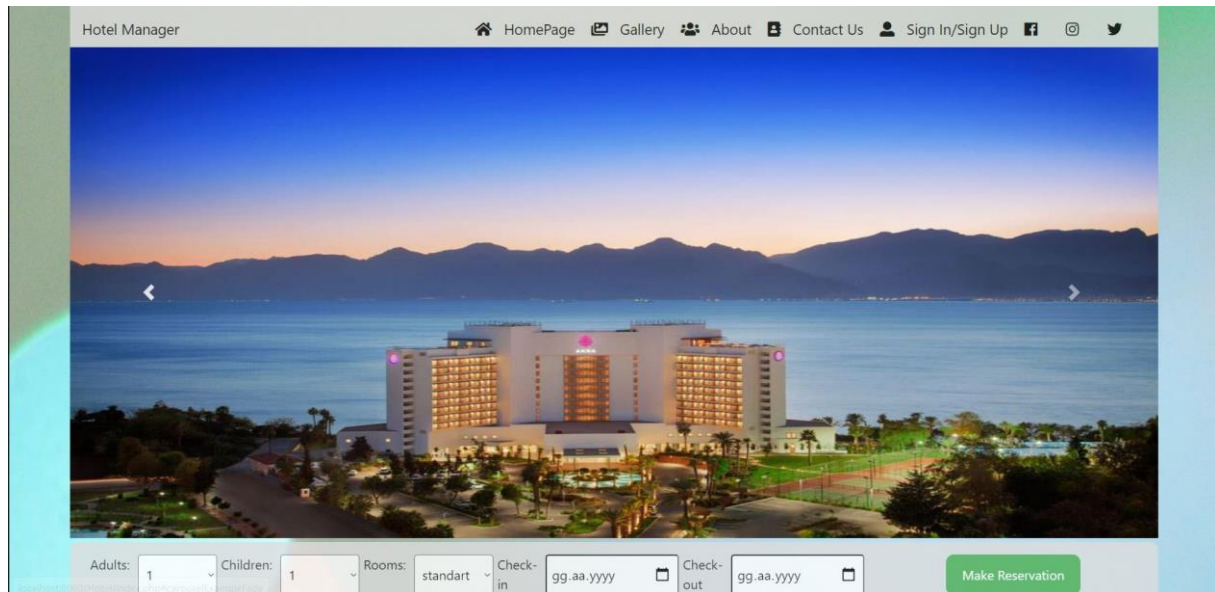
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## Homepage

Home page of the hotel website is shown via index.php. Home consists of header, carousel slide, reservation, contact us and about us sections. Each of these sections are shown below in figures.



**Figure 1: First Part of the Home Page**

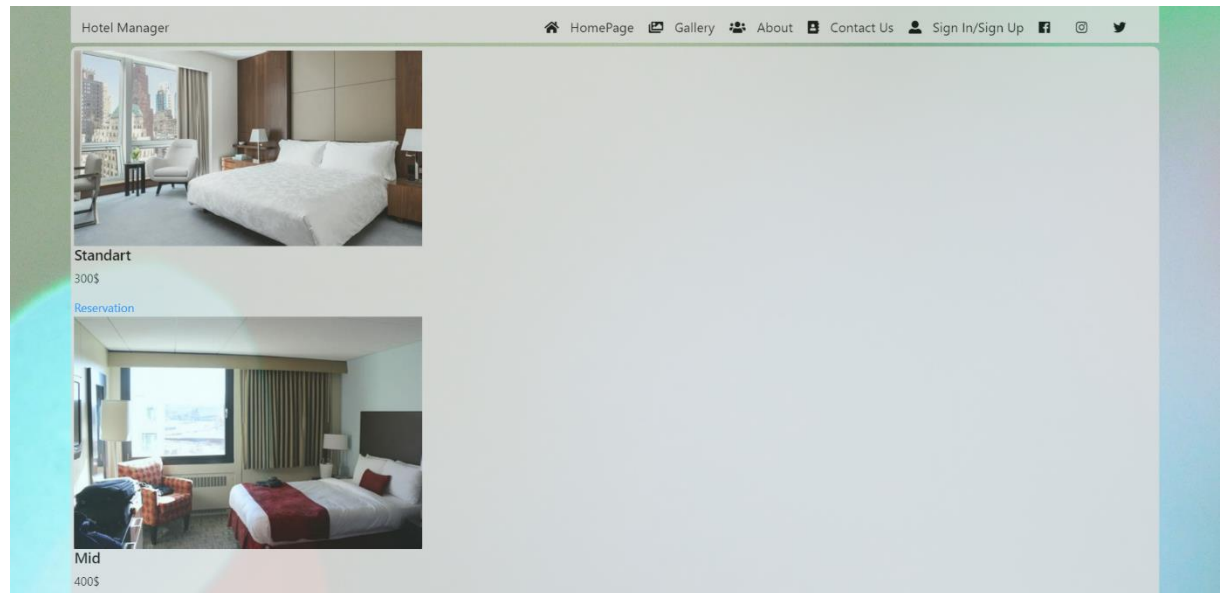
In the first part of the home page shown in Figure 1, header, slide and reservation screen is placed.

Header part consists of hyperlinks that directs to related page of the hyperlink when clicked.

- HomePage: Directs user to the Home Page.
- Gallery: Directs user to the Gallery page where the user can see pictures of the hotel.
- About: Directs user to the about us section inside index.php.
- Contact Us: Directs user to the contact us section inside index.php.
- Sign In/Sign Up: Directs user to the login page where the user is able to create new account or login to existing account.
- Social media hyperlinks: Directs user to the social media accounts of the hotel. For now it directs the user to accounts of Grand Antalya Hotel.

Carousel slide part consists of pictures of the hotel.

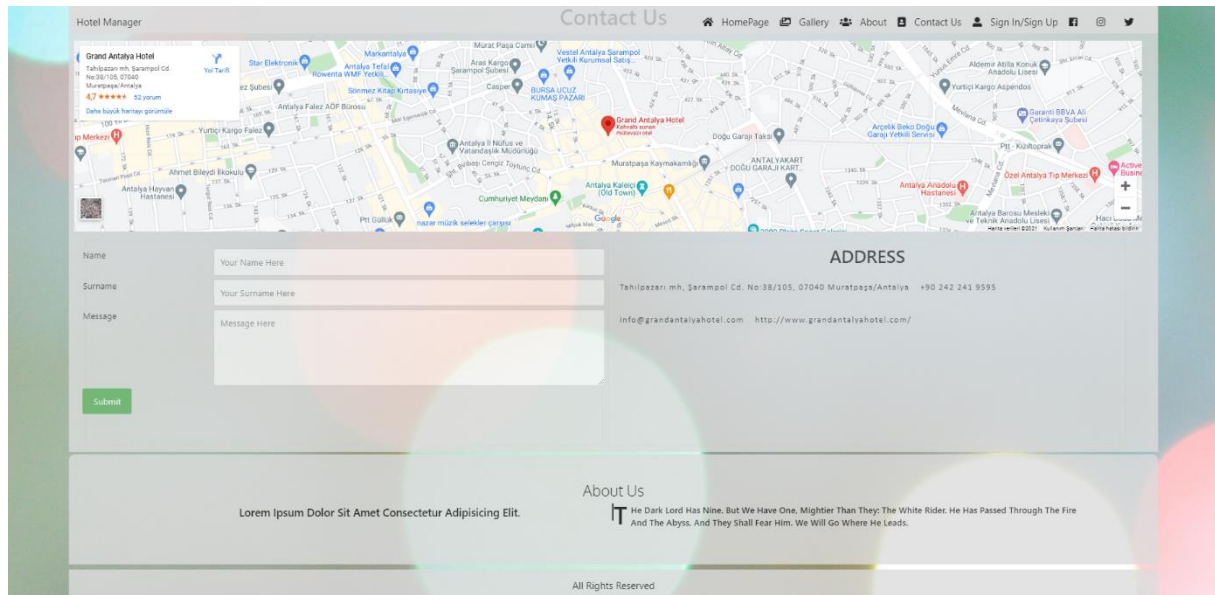
In reservation part, since there is no mysql database yet, if the user clicks on make reservation button, user is directed to the reservation.php sample page. Reservation sample page is shown in Figure 2.



**Figure 2: Reservation.php**

There are 4 room types: Standart, Mid, Suit, Gold. After the database is added to the system, according to the user's preference, this page will be updated.

Second part of the Home Page consists of contact us, about us and footer sections. Screenshot of the second part is shown below in Figure 3.



**Figure 3: Second Part of the Home Page**

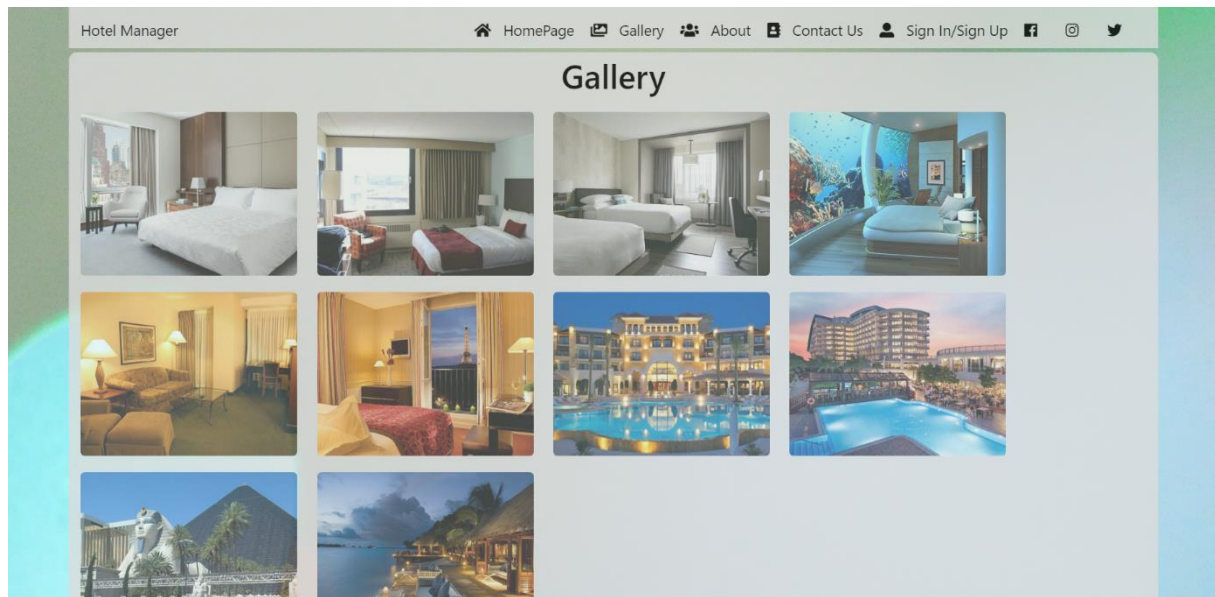
In the second part of the homepage, first section is the contact us section. It consists of two subsections. On left there is customer contact form and on the right there is address information.

In about us section, references, achievements etc will be displayed. Sentences seen in the screenshot are acting as placeholders for now.

Footer part will be filled with necessary content in the future.

## Gallery

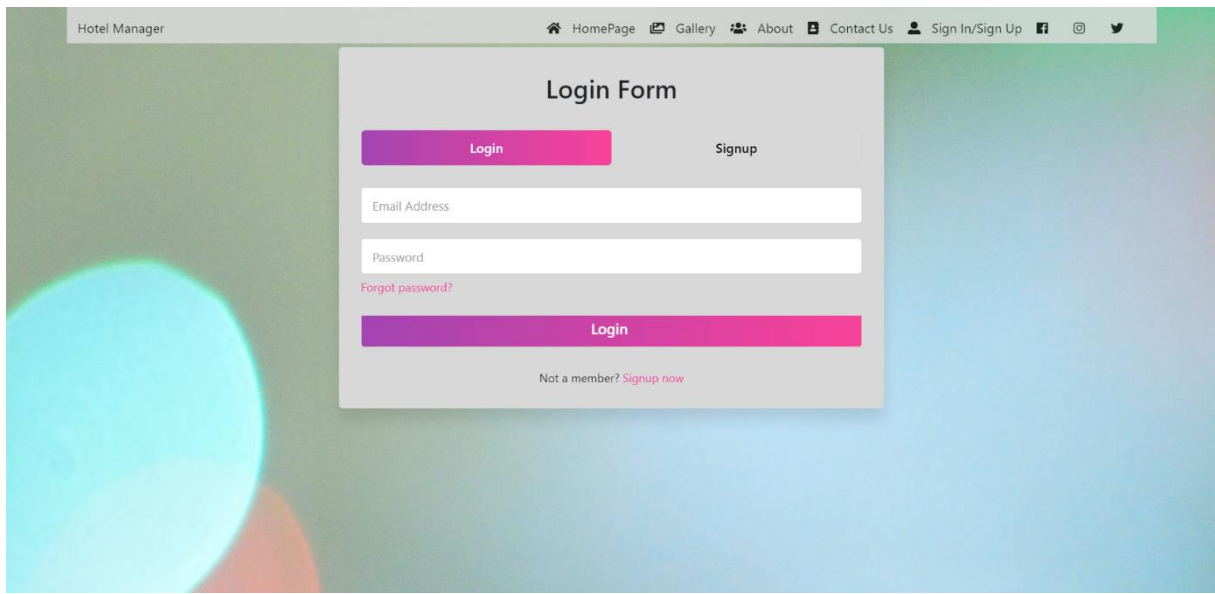
If the user clicks on the Gallery hyperlink on the Home Page, user will be directed to the gallery.php page. In gallery.php page, there are several example pictures of the hotel to provide user the detailed look in the hotel. Screenshot of the gallery page is shown in Figure 4.



**Figure 4: Gallery Page**

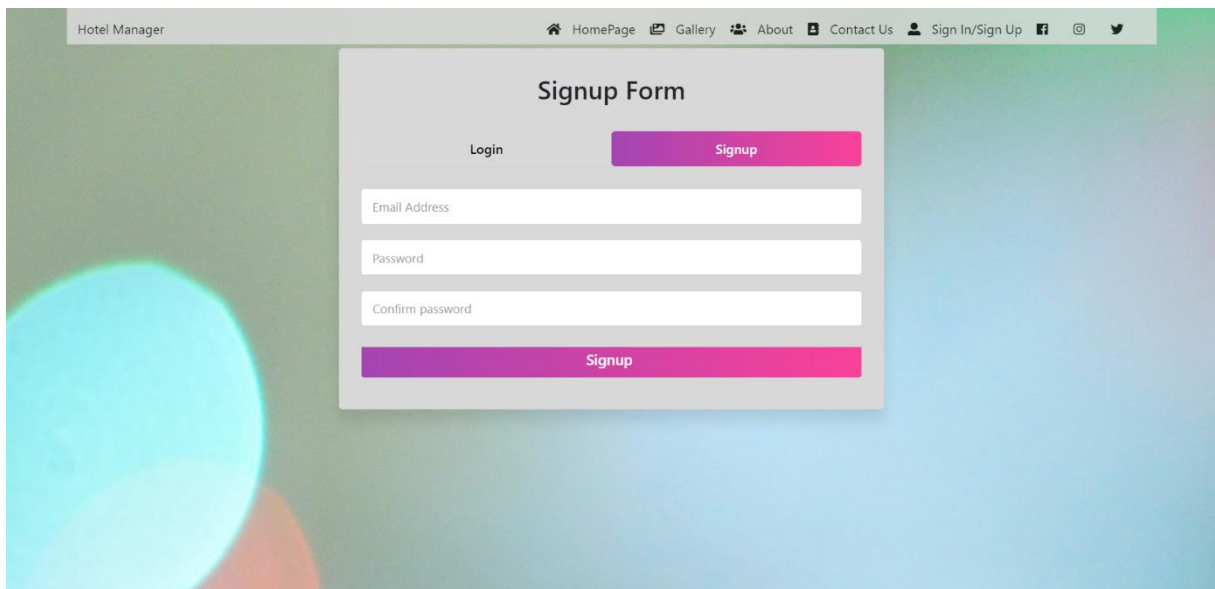
## Login Page

If the user clicks to the Sign In/Sign Up hyperlink, user is directed to the loginreg.php. It is preferred to design both login and register sections in one page. Using javascript, page transition animation is done. Screenshots of the Login page and Register page are shown in Figure 5 and Figure 6.



The screenshot shows a web page titled "Hotel Manager" with a navigation bar containing links: HomePage, Gallery, About, Contact Us, and Sign In/Sign Up. The main content area features a "Login Form" with a toggle for "Login" (active) and "Signup". The form includes input fields for "Email Address" and "Password", a "Forgot password?" link, a "Login" button, and a "Not a member? Signup now" link.

**Figure 5: Login Page**



The screenshot shows the same "Hotel Manager" web page, but the "Signup Form" is active. The toggle shows "Login" and "Signup" (active). The form includes input fields for "Email Address", "Password", and "Confirm password", a "Signup" button, and a "Login" link.

**Figure 6: Register Page**

In login page, it is required to fill the form with correct format of email and password. In order to check if they are in correct format, some methods are used:

- Email: Since there is a built-in function `FILTER_VALIDATE_EMAIL` in php for validating the email, this method is used.
- Password: For password there is no built-in method. So password needs to be validated manually. However, `preg_match` method is used to validate if a value matches a specific expression pattern. By using `preg_match("/^(?=.*[0-9])(?=.*[a-z])(?=.*[A-Z])([a-zA-Z0-9]{8,})$/", $_SESSION['loginpassword'])` method, password is checked with following rules: At least one uppercase letter, at least one lowercase letter, minimum length of 8.

In register page, same principles in the login page have been followed with one addition: Is the password and confirm password match.

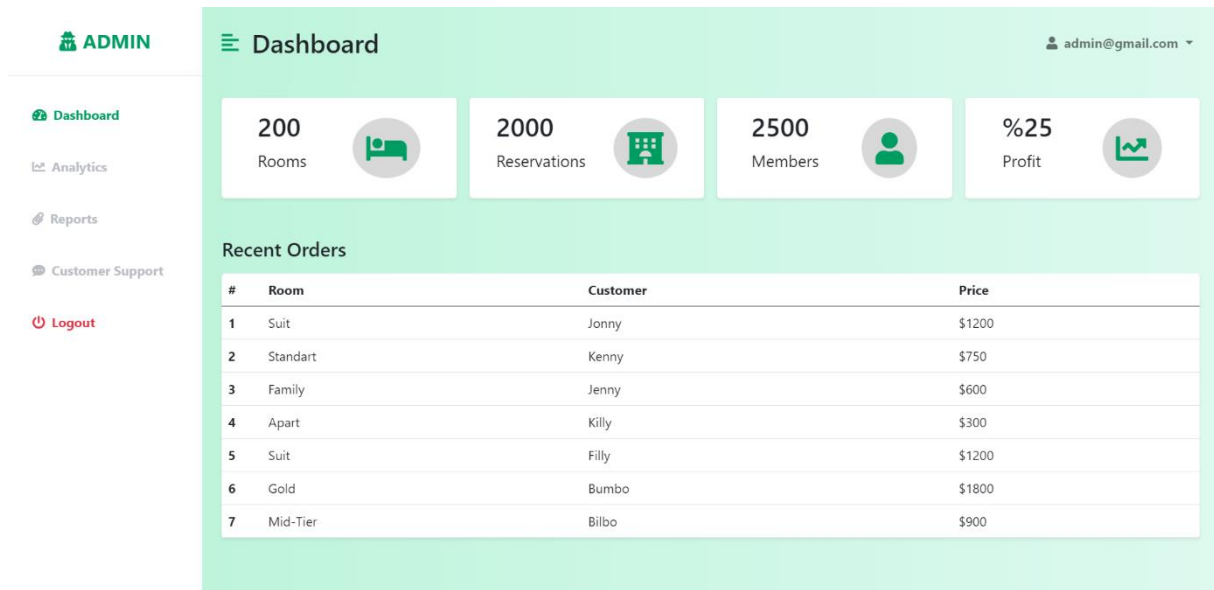
Register page submit directs user to the home page for now. After mysql database is created, these pages will be updated according to the user information.

Since there is no database yet, in login page, to check if the direction works, using php session, according to the user input, user is directed to the either admin page or user page.

If the user made the input for email as [admin@gmail.com](mailto:admin@gmail.com) and password as Keskin05, will be directed to the admin page. If the email is different than [admin@gmail.com](mailto:admin@gmail.com) , user is directed to the user page.

Detailed information about the user and admin pages are shown in the following sections.

## Admin Page



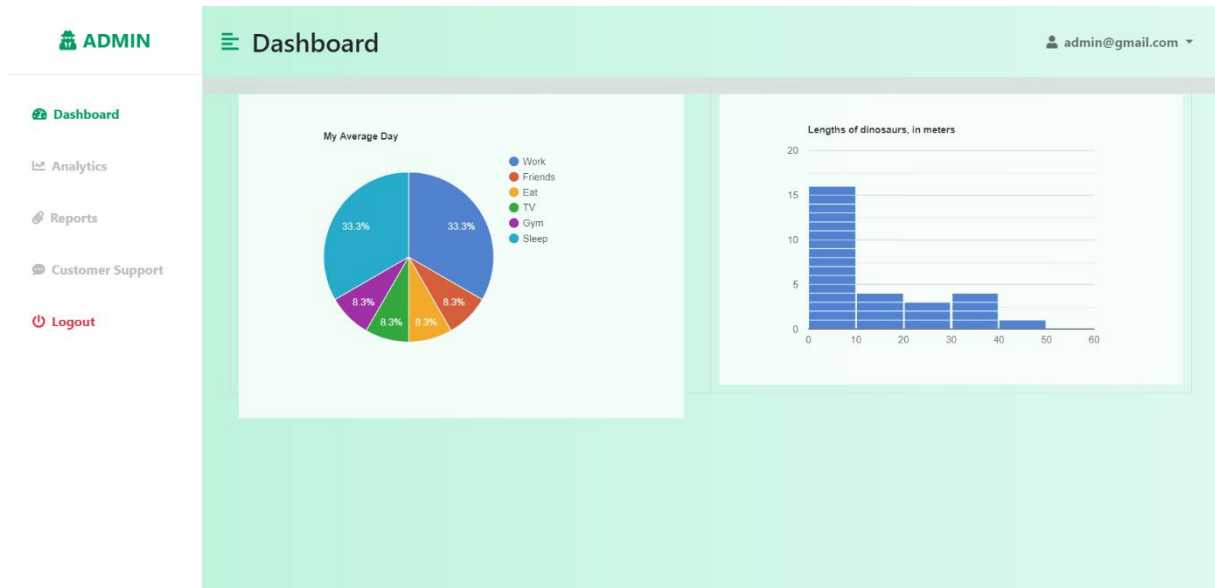
**Figure 7: Admin Page**

Admin page should be restricted to the admins of the hotel website. Represents detailed information about the hotel. In Figure 7, concept of the admin page is shown but orders list, rooms information etc are acting as placeholders. After mysql is implemented, those sections will be updated according to the database information.

At the top right corner of the screen, using the email stored in php session, user's email information is shown on the dropdown menu button.

Left side of the page is reserved to the sidebar. In the sidebar, Dashboard section is the main contents for admin page. In the analytics section, shown in Figure 8, charts to visualize the data of the hotels will be placed. Example charts taken from the Google charts are acting as placeholder for now.

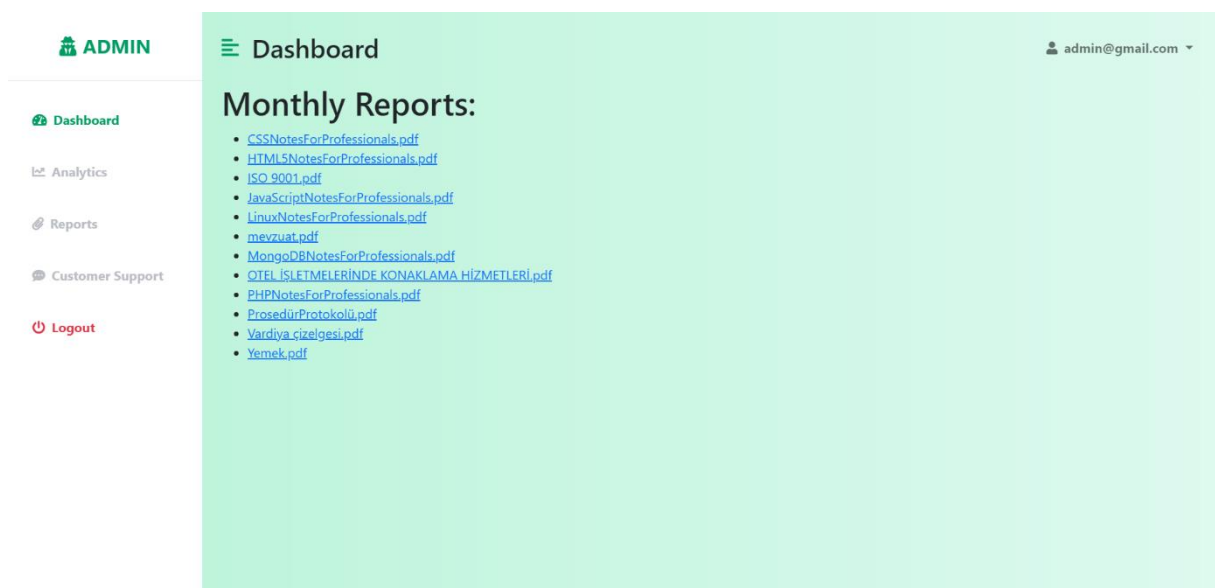




**Figure 8: Analytics Section**

Next section in the sidebar is reports section. In this section, it is planned to have important protocols, rules, declaration documents etc stored in case of admin needs to access them. Monthly reports for the hotel will also be placed in this section to have access to year-round reports of the hotel. Admin will be able to preview or download the required materials from this section. Reports section is shown in Figure 9.

Customer support section will be implemented.



**Figure 9: Reports Page**

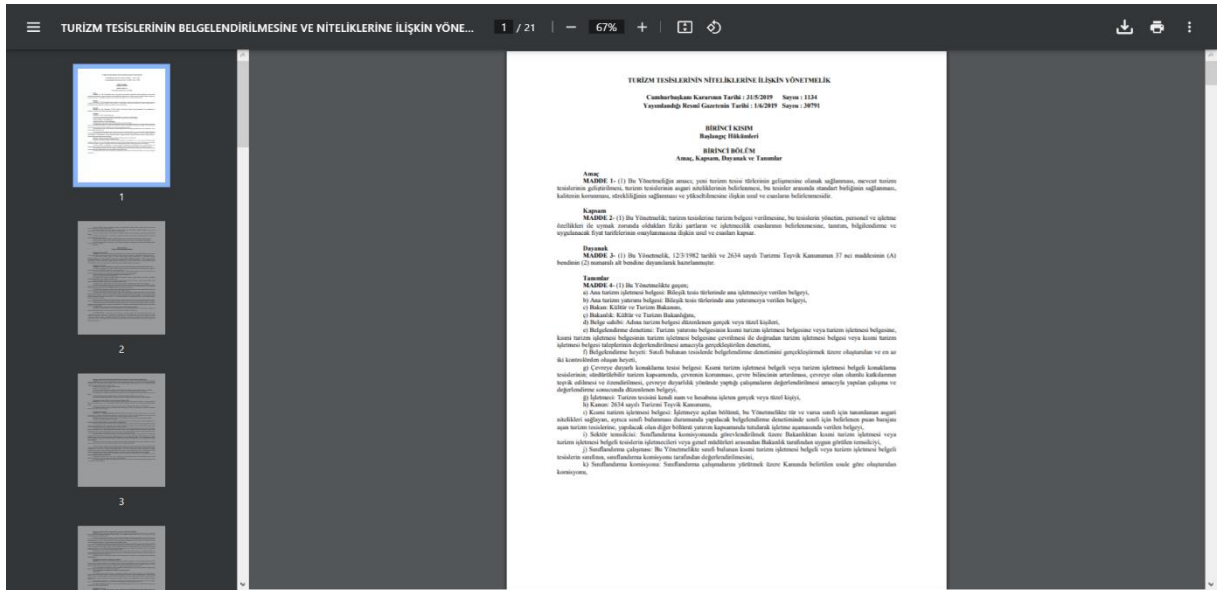


Figure 10: Example Preview

Last section in sidebar is the logout section. It logs the user out of session and returns to the index.php.

## User Page

Similar to the admin page, if the user is logged in with different email, directed to the user page. Screenshot of the template user page is shown in Figure 11.

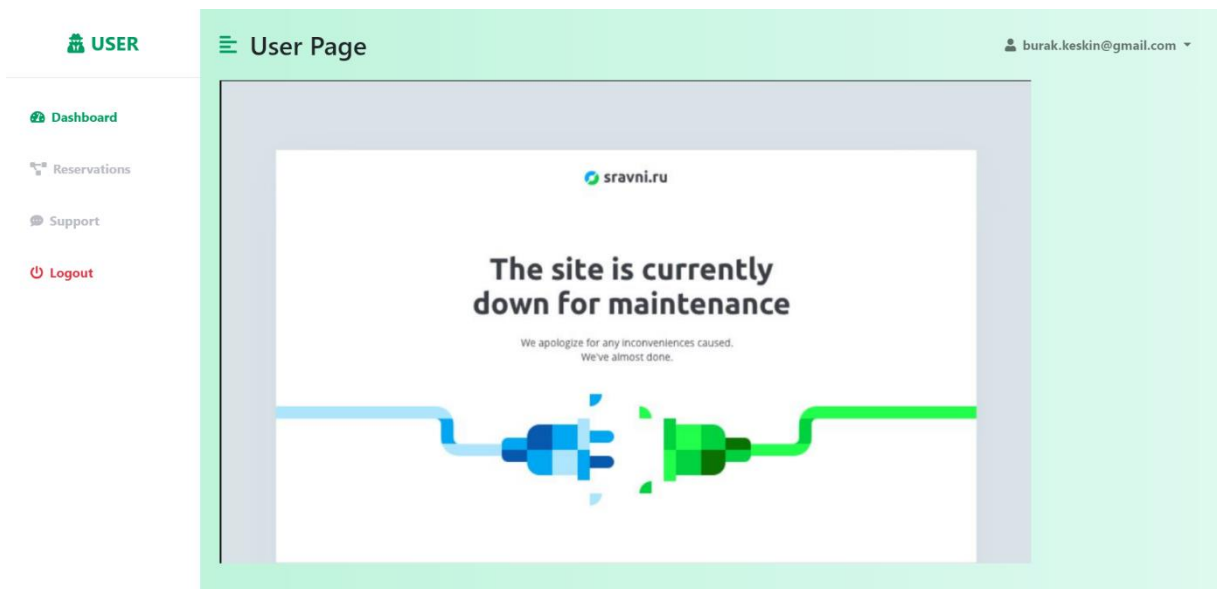


Figure 11: User Page

Top right corner of the user page has the same principle in admin page. According to the logged in email title of the dropdown menu will change.

Left side of the screen is split in 4 parts: Dashboard, Reservations, Support and Logout.

Dashboard is the main page of the User Page, it will contain required information for the user.

Reservations section is the place where user will be able to check reservations.

Support section will be implemented. It will be the place where user can send messages to the admins about their requests.

Logout works as the same with admin page. Logs the user out and removes all session data.