

F32-DG07

#####

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EE4714

Web Portal for online appointment of dental
clinic visit

Project Summary

The goal of the project is to create a web portal for a dental clinic. The website should provide with an easy and intuitive way to learn about the clinic, its doctors and services, as well as book and manage appointments.

To achieve those feats, we designed a website comprised of 8 pages (including the homepage) providing all the information you want to have while researching for a dental clinic along with an account and booking system. Each patient will have to be registered in the system and once an account has been created, they will then be able to book an appointment with a specific doctor through a schedule displayed on the page. This schedule will also make booking only possible when the doctor has space in their schedule (ie. the time slot is free), where the availability will be indicated through a clear color scheme. The patient will also receive an email confirming their appointment. Both the patient and dentist will have the ability to reschedule an appointment, and the other party will be notified of the change via email.

1. Application Requirements and Specifications

The wanted application is a website for a dentist clinic. The system should specifically make possible to:

- R1 : Browse the background of the doctors
- R2 : Display a doctor's schedule
- R3 : Make appointments
- R4 : Make appointments possible only when the doctor is available
- R5 : Send confirmation emails when an appointment is booked
- R6 : Have patient/doctor accounts
- R7 : Make rescheduling possible for doctors and patients
- R8 : Browse all the services available and at what cost
- R9 : View clinic and doctor contact information

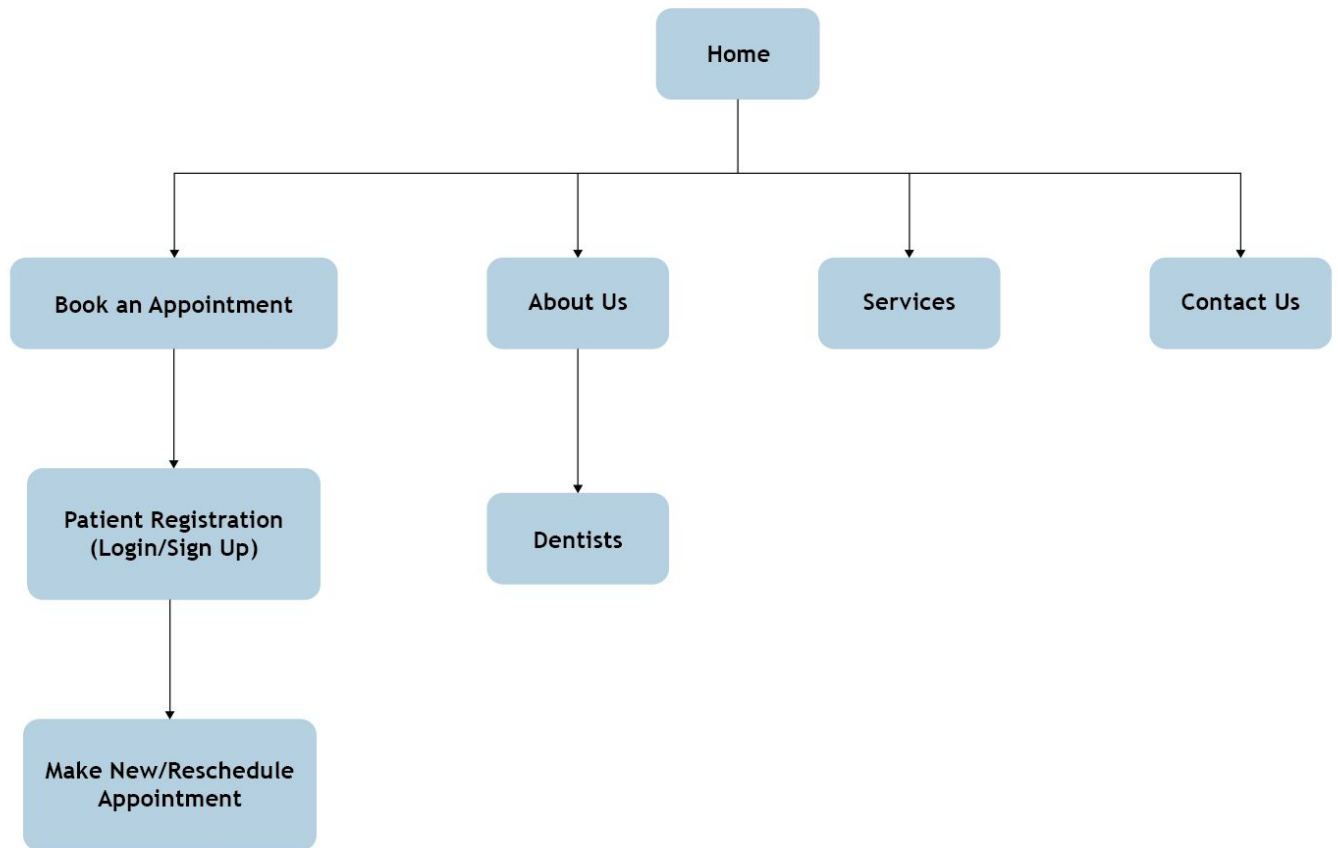
2. Functional Requirements and Specifications

To accomplish the requirements, the following need to be achieved:

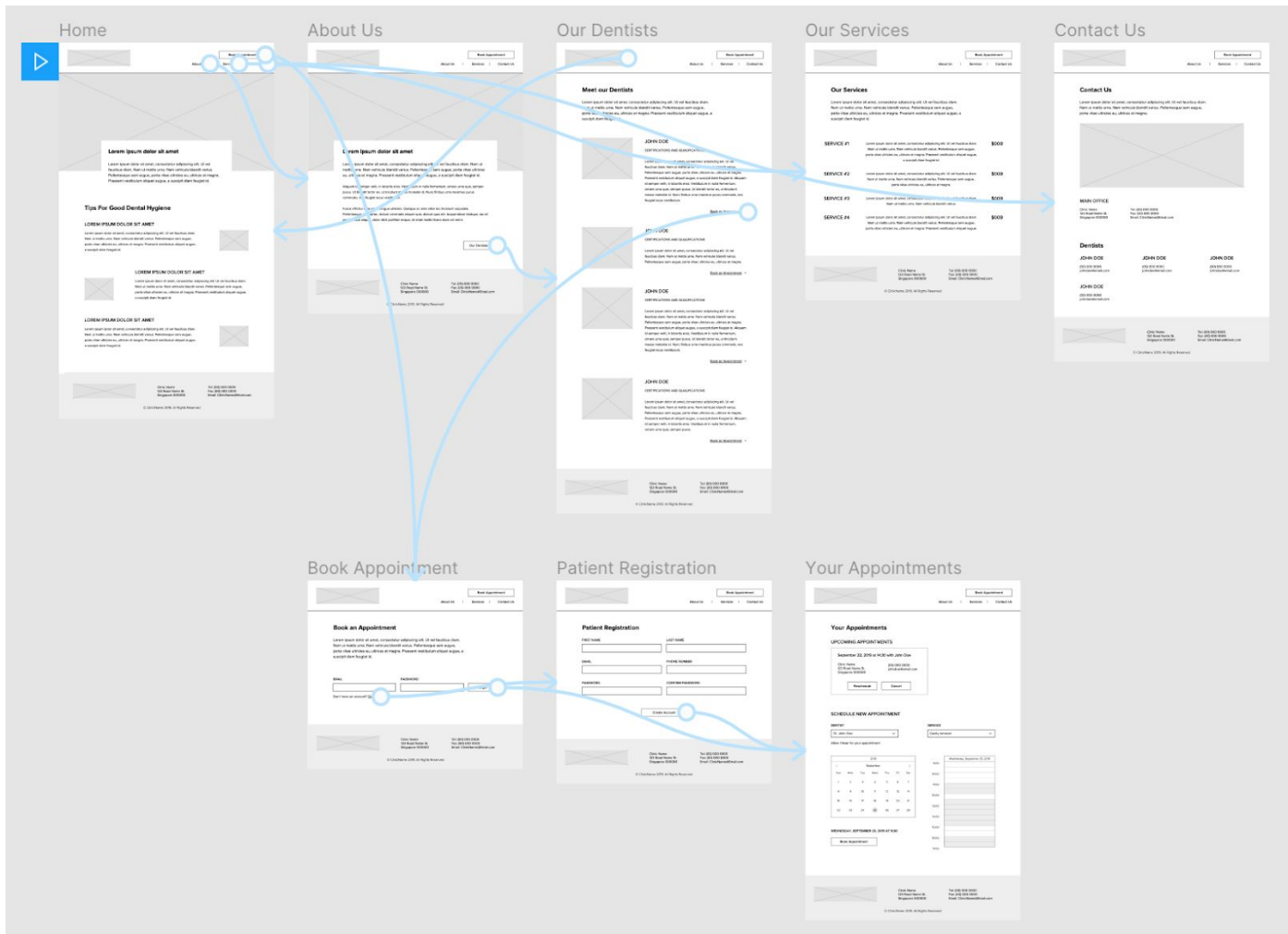
- F1 : Create a dedicated section of “About Us” page to display the doctors’ background.
- F2 : Have a straight-forward HTML schedule with CSS style. Every slot will be displayed to the schedule, with the taken slots in grey and the available slots in green. This will be displayed on a “Book an appointment” page, only after the patient is signed in.
- F3 : The patient will select a doctor, a service and an available slot, before clicking on a “Book Appointment” button. The slot will then become unavailable.
- F4 : If one field is not filled and/or the selected slot is not available, a dialog will be triggered when the user tries to make an appointment indicating the problem.
- F5 : When the appointment is done and confirmed, a confirmation email including the time and date of the appointment and with which doctor will be sent to the email address linked to the patient account.
- F6 : Sign In/Sign Up page and Database interaction. Accounts must have personal information such as name, DOB, contact information...
- F7 : Retrieve the information of the pre-existing appointments of a patient, modify the data in the DB, make the right changes on the doctors schedules and send an email to confirm the change.
- F8 : Display all the services along with their cost in an organized manner using HTML and CSS styling.
- F9 : Display all contact information in an organized manner and use HTML to enable the user to directly email the clinic/doctors directly from the website without having to copy and paste the email address.

3. Design of the Web Application

Site Map




Story Board




Wireframes

Homepage



[Book Appointment](#)

[About Us](#) | [Services](#) | [Contact Us](#)




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Tips For Good Dental Hygiene

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Clinic Name
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About Us



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[Our Dentists >](#)



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Our Dentists

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Meet our Dentists

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JOHN DOE

CERTIFICATIONS AND QUALIFICATIONS

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[Book an Appointment](#) >

JOHN DOE

CERTIFICATIONS AND QUALIFICATIONS

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JOHN DOE

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Services



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Our Services

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SERVICE #1	<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut vel faucibus diam. Nam ut mattis urna. Nam vehicula blandit varius. Pellentesque sem augue, porta vitae ultricies eu, ultrices et magna. Praesent vestibulum aliquet augue, a suscipit diam feugiat id.</p>	\$000
SERVICE #2	<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut vel faucibus diam. Nam ut mattis urna. Nam vehicula blandit varius. Pellentesque sem augue., porta vitae ultricies eu, ultrices et magna.</p>	\$000
SERVICE #3	<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut vel faucibus diam. Nam ut mattis urna. Nam vehicula blandit varius.</p>	\$000
SERVICE #4	<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut vel faucibus diam. Nam ut mattis urna. Nam vehicula blandit varius. Pellentesque sem augue, porta vitae ultricies eu, ultrices et magna. Praesent vestibulum aliquet augue.</p>	\$000



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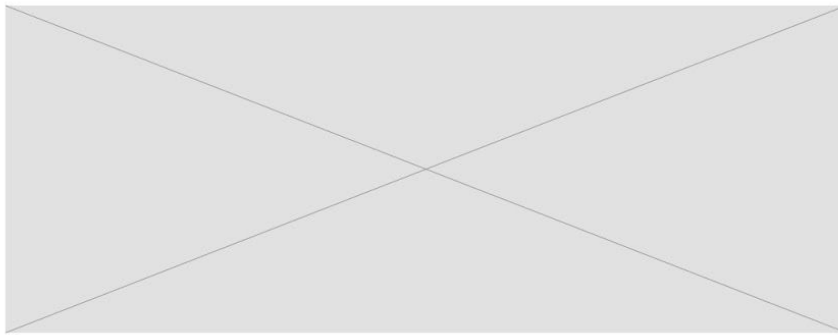
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Email: ClinicName@Email.com

Contact Us

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MAIN OFFICE

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Dentists

JOHN DOE

(00) 000 0000
johndoe@email.com

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(00) 000 0000
johndoe@email.com

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(00) 000 0000
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EMAIL

PASSWORD

Login

Don't have an account? [Sign up.](#)



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Patient Registration

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Patient Registration

FIRST NAME

LAST NAME

EMAIL

PHONE NUMBER

PASSWORD

CONFIRM PASSWORD

[Create Account](#)

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Appointments

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Your Appointments

UPCOMING APPOINTMENTS

September 22, 2019 at 14:30 with John Doe

Clinic Name (00) 000 0000
123 Road Name St. johndoe@email.com
Singapore 000000

[Reschedule](#)[Cancel](#)

SCHEDULE NEW APPOINTMENT

DENTIST

Dr. John Doe

SERVICE

Cavity removal

Allow **1 hour** for your appointment

2019						
September						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

WEDNESDAY, SEPTEMBER 25, 2019 AT 9:30

[Book Appointment](#)

Wednesday, September 25, 2019	
9:00	
10:00	
11:00	
12:00	
13:00	
14:00	
15:00	
16:00	
17:00	



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Database

The database is comprised of 3 tables, one for the registered users (*project_users*), one for the doctors (*doctors*) and one for the appointments (*appointments*).

#	Nom	Type
1	firstname	text
2	lastname	text
3	<u>email</u>	varchar(40)
4	phone	varchar(40)
5	password	varchar(40)

project_users table

In our system, a user is identified by his/her full name, phone number, as well as email address and password that will also serve as mean of authentication. Email is a Primary Key, as it is the field used in every table to point to a specific user.

#	Nom	Type
1	<u>name</u>	varchar(40)
2	fullname	text
3	phone	varchar(40)
4	email	varchar(40)

doctors table

In a similar way, doctors are in the system through their name value, that will be passed from one PHP script to another and that is also Primary Key, but also their full name, their phone number and email address in order to display the contact information in a dynamic way.

#	Nom	Type
1	email	varchar(40)
2	date	date
3	time	time
4	doctor	varchar(40)
5	service	text

appointments table

Next, the appointments are defined with a time and date, a service performed, a doctor that is a Foreign Key, referencing the “name” value in the *doctors* table, and a patient, through his/her email address, parameter that is here a Foreign Key.

4. Implementation

Coding of Template (Stylesheet - styles.css)

There are 4 header styles (<h1>, <h2>, <h3>, <h3>) defined as they recur on more than one page. The overall font is set through <p> and a class `.large` for the introductions on each page. The same styling is also applied to all field labels throughout the entire site via styling the tag <label>. The entire page with the exception of the footer is within `#container` which sets the margins for the entire page. The page header is styled and contained by the id `#header` which contains styling for `li`, `li a`, and `a: hover` and the navigation is contained by `#nav`. The footer is styled by styling the <footer> tag. Buttons and links are styled with the classes `.button` and `.link`, respectively. Pages that have an hero-image with an intro text box overlay have a class, `.text-block` that sets the text overlay over the hero-image. Other pages that don't have a hero-image but has a page intro uses a class, `.page-intro` to style it. There is individual styling for each page based on its design, which may include overriding some specific styling that was done globally.

Index (index.html)

There is an id `#index-content` that wraps all the content following the hero-image and intro. There is also a wrapper for all the tips as well as styling for each tip, `.tips-wrapper`, `#tips-1`, `#tips-2`, `#tips-3`, respectively.

About (about.html)

Aside from the styling for the hero-image and intro, there is only a slight tweak to the footer to allow some more breathing room between the contents of the page

Our Dentists (our-dentists.html)

There is a wrapper to wrap all the contents of the page, `#dentist-wrapper` which sets the margins. To style each dentist's image along with their bio, a class `.dentist` is used and to control the bio, the class `.bio` is used to control the text wrapping and overflow.

Services (services.html)

The two classes that are used in the services page are `.services-title` and `.services-price` to control the appearance of the text within the table and more specifically, control text wrapping and overflow. Additionally, there is slight tweaking to the footer to allow a bit more space between the footer and the bottom of the content.

Contact (contact.html)

The majority of the classes that were created for this page was to control the text styling as they are specific to this page and not global, hence not created under any header or `<p>` styling. These classes also help control the padding around the data within the table and to override some global styling.

Dynamic pages (appointments.php, scheduleappointment.php, registration.html, register.php, authmain.php)

Most of styling created for these pages were case-by-case, mostly to control the text appearance, to control the overall layout (margins and padding), and to ensure that it matches the designs (some "override" classes were necessary). A class `.dropdown` was created to control the appearance of the dropdowns and a class `.text-input` was created to control the appearance of input boxes.

Appointments Page (appointments.php)

Your Appointments

UPCOMING APPOINTMENTS

Friday 15, November 2019 at 10:00:00 with Doctor Dorian	
F32ee Dentists 123 Road Name St. Singapore 000000	J.D. Dorian 67733383 jdorian@fake.com
<input type="button" value="Change"/>	<input type="button" value="Cancel"/>

SCHEDULE NEW APPOINTMENTS

DENTIST :

SERVICE :

SELECT THE DATE :

This page is generated fully dynamically. Once a user is logged in, this page is able to retrieve and display the upcoming appointments of a user in a series of table, thanks to the query `SELECT * FROM appointments WHERE email='$email'` . The results are then displayed, along with 2 buttons, one with the purpose of canceling the appointment, the other for rescheduling the appointment. A press the “change” button will call the *changeappointment.php* script.

If the “cancel” button is pressed, this script will send the query to delete the appointment from the database, or call the *scheduleappointment.php* script if the “change” button is

pressed. In both cases, it is done using the information sent by Post through hidden input within the form, allowing the right date, time and doctor values to be passed from one script to the other without any user input.

However, the first dynamic element displayed on a page is the content of a session value, used as a buffer to transmit messages from another script to this one. In the case of a cancelation, a simple confirmation message will be displayed, but in the case of a reschedule, this will allow a calendar and a button to be displayed. The user can then choose a new date, and press on the button to call the *scheduleappointment.php* script.

The rest of the page is dedicated to the booking of a new appointment. To achieve this, we first asked the user to choose the doctor, using a dropdown list that retrieve the full name of the doctors present in the database, then a service and a date. A click on the subsequent button will call the *scheduleappointment.php*, with all the parameters entered by the user. This constitutes the main difference with the original wireframe, as the doctor's availability on a given day is not display on the same page, but on a separate one for simplicity sake.

Booking an Appointment Page (scheduleappointment.php)

Booking an Appointment

SELECT A TIME

Friday 15, November 2019

8:00	
9:00	
10:00	
11:00	
12:00	
13:00	
14:00	
15:00	
16:00	

< [Back to appointments page](#)

This page is used to, given a date and a doctor, select the time of the appointment. First, we verify that the date is not in the past, then we proceed to print the schedule. To do this, we print a table, with each row being an hour of the date. For each time, we search the database to see if a prior appointment has been set, using the query `SELECT * FROM appointments WHERE doctor='$dentist' AND date='$thedata' AND time='$thetime'`. If it's the case, the cell is colored red, but if it's not, the cell is colored green and a button covering the entire cell is created, with the corresponding hour as value. A press on the desired cell will be a press on the button, that will send by post a value, retrieved by the same script.

Using this time value, a new element with all the information will be inserted in the table *appointment* in case of the booking of a new appointment, or the element of the same table corresponding to the appointment that we want to reschedule will be updated with the new information case of the rescheduling of an existing appointment.

Either way, an email confirming the appointment will be sent to the user, and the page will redirect to the appointment page along with a confirmation message to be displayed on this page.

Login, Logout Registration Page (registration.html, register.php, authmain.php, logout.php)

Authentication

EMAIL:	PASSWORD:	
<input type="text"/>	<input type="text"/>	<input type="button" value="Login"/>

Do not have an account? [Sign Up.](#)

Patient Registration

FIRST NAME:	LAST NAME:
<input type="text"/>	<input type="text"/>
EMAIL:	PHONE NUMBER:
<input type="text"/>	<input type="text"/>
PASSWORD:	PASSWORD:
<input type="text"/>	<input type="text"/>
<input type="button" value="Create Account"/>	

Those pages are fairly straight forward. In the login page, the user identifies himself by giving an email address and a password, which are checked against the database to see if a match is found. If it's the case, we set the *valid_user* session value and we redirect the user to the appointments page. This page also contain a link to the

registration page, which is a simple page containing a registration form, which will call the *register.php* upon a press of the button.

This script will check if the email address entered is already in the database, and if it is not the case, the newly created account will be inserted in the *project_users* database. Finally, most of the pages contain a link to the logout script, which simply unsets the *valid_user* variable and closes the session, before redirecting to the authentication page.

Test Performed :

Login Page :

- Entrance of wrong information;
 - “Could not log you in” displayed, stay on the same page
- Fail to fill all of the field;
 - “Could not log you in” displayed, stay on the same page
- Entrance of the right information linked to an existing account;
 - Redirection to the appointment page of the account

Registration Page :

- Fail to fill every fields;
 - “All records to be filled in” displayed with a link to go back to registration page
- Use of an email that is already linked to an account;
 - “This email is already attached to an account” displayed with a link to go back to registration page
- Fill 2 different passwords in the appropriate fields;
 - “The passwords do not match” displayed with a link to go back to registration page
- Write a non-email in the email field
 - The form cannot be submitted, “please include “@”” is displayed
- Write new informations on every fields
 - “Welcome *firstname lastname*. You are now registered” is displayed with a link to the authentication page.

Appointments Page :

- Try to book an appointment at a past date
 - “The date cannot be in the past !” is displayed with a link to the appointments page.
- Try to book an appointment in an already booked time slot
 - Impossible to do so, the cell does not contain a button.
- Try to reschedule an appointment at a past date
 - “The date cannot be in the past !” is displayed with a link to the appointments page, the original appointment is not canceled.
- Try to reschedule an appointment with a date in the future
 - “Your appointment the *date* at *time* with Doctor *dentist* has been reschedule the *date* at *time* !” displayed, appointment modified in the database and confirmation email sent.
- Try to cancel an appointment
 - “Cancellation of the *date*, *time* appointment with Doctor *dentist* has been successful!” displayed, appointment deleted in the database.
- Try to book an appointment without setting a date
 - Date set at the current date, still possible to book an appointment.
- Try to log out
 - Session closed and user redirected back to the authentication page.

Appendix

stylesheet.css

```
/* Global styling begins */

/* text styling begins */
h1{
    font-family: proxima-nova, sans-serif;
    font-weight: 700;
    font-style: normal;
    font-size: 36px;
}

h2{
    font-family: proxima-nova, sans-serif;
    font-weight: 500;
    font-style: normal;
    font-size: 30px;
    text-transform: uppercase;
}

h3{
    font-family: proxima-nova, sans-serif;
    font-weight: 400;
    font-style: normal;
    font-size: 18px;
    line-height: 1.6;
    text-transform: uppercase;
}

h4{
    font-family: proxima-nova, sans-serif;
    font-weight: 600;
    font-style: normal;
    font-size: 32px;
}

p{
```



```
    font-family: proxima-nova, sans-serif;
    font-weight: 400;
    font-style: normal;
    font-size: 18px;
    line-height: 2;
}
```

```
.large{
    font-family: proxima-nova, sans-serif;
    font-weight: 400;
    font-style: normal;
    font-size: 21px;
    line-height: 1.6;
}
```

```
label {
    font-family: proxima-nova, sans-serif;
    font-weight: 500;
    font-style: normal;
    font-size: 19px;
    text-transform: uppercase;
}
/* text styling ends */
```

```
/* Navigation/header styling begins */
#nav{
    margin-top: 30px;
}
```

```
#header li{
    display: inline;
    padding: 50px;
    padding-right: 0px;
    border-right: 1px solid black;
    padding: 0px 50px 0px 40px;
}
```

```
#header{
```

```
        text-align: right;
        float: right;
        font-family: proxima-nova, sans-serif;
        font-weight: 500;
        font-style: normal;;
        font-size: 19px;
        margin-top: 10px;
    }

#header li a{
    text-decoration: none;
    color: black;
}
#header li:last-child{
    border: 0px;
    padding: 0px 0px 0px 50px;
}

#header a:hover{
    color: #5C5C5C;
}
/* Navigation/header styling ends */

/* Footer styling begins */
footer{
    background-color: #f2f2f2;
    padding: 70px 0 30px 0;
    text-align: center;
    font-family: proxima-nova, sans-serif;
    font-weight: 500;
    font-style: normal;;
    font-size: 17px;
}

table{
    text-align: left;
}

small{
```

```
        text-align: center;
        font-family: proxima-nova, sans-serif;
        font-weight: 300;
        font-style: normal;
        font-size: 16px;
    }

    td{
        padding: 0px 70px;
    }
/* Footer styling ends */

/* Call to action styling begins */
.button{
    background-color: white;
    color: black;
    border: 2px solid black;
    padding: 10px 40px;
    text-align: center;
    text-decoration: none;
    font-family: proxima-nova, sans-serif;
    font-weight: 500;
    font-style: normal;;
    font-size: 19px;
}

.button a:hover{
    color: #5C5C5C;
    border: 2px solid #5C5C5C;
}

.link{
    font-family: proxima-nova, sans-serif;
    font-weight: 400;
    font-style: normal;
    font-size: 18px;
    color: black;
    text-decoration: none;
```

```
        float: right;
    }
    /* Call to action styling ends */

#container{
    width: 80%;
    margin: auto;
    min-width: 850px;
    margin-top: 25px;
}

.text-block{
    position: absolute;
    background-color: white;
    color: black;
    width: 45%;
    top: 70%;
    left: 25%;
    padding: 20px 60px 0px 60px;
    margin-bottom: 80px;
}

#page-intro{
    margin: 70px 0;
    width: 80%;
}
/* Global styling ends */

/* Index styling begins */
.index-content{
    padding: 150px 0 100px 0;
}

.tips-wrapper{
    padding: 30px 0;
}
```

```
#tips-1{
    float: right;
    width: 140px;
    margin-left: 125px;
    margin-right: 25px;
}

#tips-2{
    float: left;
    height: 140px;
    margin-right: 125px;
    margin-left: 25px;
    margin-top: 65px;
}

#tips-3{
    float: right;
    width: 120px;
    margin-left: 125px;
    margin-right: 25px;
    margin-top: 65px;
}

/* Index styling ends */

/* About styling begins */
#footer-about{
    margin-top: 575px;
}

/* Index styling ends */

/* Our Dentists styling starts */
.dentists{
    width: 300px;
    float: left;
    margin-right: 100px;
}

.dentist-wrapper{
    padding: 0 0 150px 0;
```

```
}

.bio{
    overflow: hidden;
}
/* Our Dentists styling ends */

/* Services styling begins */
.services-title{
    padding: 0 0;
    white-space: nowrap;
    vertical-align: top;
}

.services-price{
    padding: 0;
    vertical-align: top;
}

#footer-services{
    margin-top: 100px;
}
/* Services styling ends */

/* Contact styling begins */
.main-office{
    font-family: proxima-nova, sans-serif;
    font-weight: 500;
    font-style: normal;;
    font-size: 17px;
    padding-bottom: 75px;
}

.left-column{
    padding-left: 0;
}

.contact{
    font-family: proxima-nova, sans-serif;
```

```
        font-weight: 500;
        font-style: normal;;
        font-size: 17px;
        padding-bottom: 75px;
        width: 125%;
    }

    .contact-dentists{
        padding-left: 0;
    }
    /* Contact styling ends */

    /* Appointment styling begins */
    .upcoming-appointments{
        border: 1px black solid;
        font-family: proxima-nova, sans-serif;
        font-weight: 400;
        font-style: normal;
        font-size: 18px;
        width: 60%;
        padding: 20px 0;
    }

    .upcoming-left{
        padding: 20px 0;
    }

    .appointment-link{
        font-family: proxima-nova, sans-serif;
        font-weight: 400;
        font-style: normal;
        font-size: 18px;
        color: black;
        text-decoration: none;
    }

    .new-appointment{
        font-family: proxima-nova, sans-serif;
        font-weight: 400;
```

```
        font-style: normal;
        font-size: 18px;
    }

.dropdown{
    width: 300px;
    height: 40px;
    border: 2px solid black;
    background-color: white;
    color: black;
    font-family: proxima-nova, sans-serif;
    font-weight: 400;
    font-style: normal;
    font-size: 16px;
    border-radius: 0;
}

.date-select{
    background-color: white;
    color: black;
    border: 2px solid black;
    padding: 0 10px;
    font-family: proxima-nova, sans-serif;
    font-weight: 500;
    font-style: normal;;
    font-size: 16px;
    height: 40px;
    width: 275px;
}

#new-appointment-wrapper{
    margin: 75px 0;
}

/* Appointment styling ends */

/* Authentication styling begins */
.text-input{
    border: 2px solid black;
    width: 420px;
```



```
        height: 40px;
    }

.no-account{
    padding-left: 0;
    padding-top: 20px;
    padding-bottom: 300px;
}

/* Authentication styling ends */

/* Patient Registration styling begins */
.registration-row{
    margin-bottom: 50px;
    border: 2px solid black;
    width: 420px;
    height: 40px;
}

#patient-registration-footer{
    margin-top: 150px;
}

.new-td{
    padding: 0;
}

#logout-footer{
    margin-top: 150px;
}
```

index.html

```
<!DOCTYPE html>
<html>

<head>
    <title>F32ee Dentists</title>
    <meta charset="utf-8">
    <link rel="stylesheet" href="styles.css" type="text/css">
    <link rel="stylesheet"
href="https://use.typekit.net/ypn7ljp.css">
</head>

<body>
    <div id="container">
        <a href="index.html"></a>
        <div id="header">
            <a href="authmain.php" class="button">Book
Appointment</a>
            <div id="nav">
                <ul>
                    <li><a href="about.html">About Us</a></li>
                    <li><a
href="services.html">Services</a></li>
                    <li><a href="contact.html">Contact
Us</a></li>
                </ul>
            </div>
        </div>
    </div>
    <div class="hero-container">
        
        <div class="text-block">
            <h4>Welcome to F32ee Dentists!</h4>
            <p class="large">Lorem ipsum dolor sit amet,
consectetur adipiscing elit. Ut vel faucibus diam. Nam ut
```

mattis urna. Nam vehicula blandit varius.
Pellentesque sem augue, porta vitae ultricies eu, ultrices
et magna. Praesent vestibulum aliquet augue, a
suscipit diam feugiat id. Aliquam id semper velit, in
lobortis eros. Vestibulum in nulla fermentum,
ornare urna quis, semper
purus.</p>

</div>

</div>

```
<div id="container" class="index-content">
  <h1>Tips For Good Dental Hygiene</h1>
  <div class="tips-wrapper">
    <h2>Lorem ipsum dolor sit amet</h2>
    
    <p>Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Ut vel faucibus diam. Nam ut mattis urna. Nam
vehicula blandit varius. Pellentesque sem augue,
porta vitae ultricies eu, ultrices et magna. Praesent
vestibulum aliquet augue, a suscipit diam
feugiat id.</p>
  </div>
  <div class="tips-wrapper">
    
    <h2>Lorem ipsum dolor sit amet</h2>
    <p>Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Ut vel faucibus diam. Nam ut mattis urna. Nam
vehicula blandit varius. Pellentesque sem augue,
porta vitae ultricies eu, ultrices et magna. Praesent
vestibulum aliquet augue, a suscipit diam
feugiat id.</p>
  </div>
  <div class="tips-wrapper">
    
    <h2>Lorem ipsum dolor sit amet</h2>
    <p>Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Ut vel faucibus diam. Nam ut mattis urna. Nam
vehicula blandit varius. Pellentesque sem augue,
porta vitae ultricies eu, ultrices et magna. Praesent
```

```

        vestibulum aliquet augue, a suscipit diam
feugiat id.</p>
    </div>
</div>

<footer>
    <table align="center">
        <tr>
            <td rowspan="3"></td>
            <td>F32ee Dentists</td>
            <td>Tel: (00) 000-0000</td>
        </tr>
        <tr>
            <td>123 Road Name St.</td>
            <td>Fax: (00) 000-0000</td>
        </tr>
        <tr>
            <td>Singapore 000000</td>
            <td>Email: F32eeDentists@email.com</td>
        </tr>
    </table>
    <br><br>
    <small>&copy; F32ee Dentists 2019. All Rights
Reserved.</small>
</footer>
</body>
</html>

```

about.html

```

<!DOCTYPE html>
<html>

<head>
    <title>About Us</title>
    <meta charset="utf-8">
    <link rel="stylesheet" href="styles.css" type="text/css">

```

```

    <link rel="stylesheet"
href="https://use.typekit.net/ypn7ljp.css">
</head>

<body>
    <div id="container">
        <a href="index.html"></a>
        <div id="header">
            <a href="authmain.php" class="button">Book
Appointment</a>
            <div id="nav">
                <ul>
                    <li><a href="about.html">About Us</a></li>
                    <li><a
href="services.html">Services</a></li>
                    <li><a href="contact.html">Contact
Us</a></li>
                </ul>
            </div>
        </div>
    </div>
    <div class="hero-container">
        
        <div class="text-block">
            <h4>About F32ee Dentists</h4>
            <p class="large">Lorem ipsum dolor sit amet,
consectetur adipiscing elit. Ut vel faucibus diam. Nam ut
                mattis urna. Nam vehicula blandit varius.
Pellentesque sem augue, porta vitae ultricies eu, ultrices
                et magna. Praesent vestibulum aliquet augue, a
suscipit diam feugiat id.</p>

            <p> Aliquam id semper velit, in lobortis eros.
Vestibulum in nulla fermentum, ornare urna quis, semper
                purus. Ut blandit tortor ex, ut tincidunt massa
molestie id. Nunc finibus urna maximus purus
                commodo,
                nec feugiat lacus vestibulum.</p>

```

```
<p>Fusce efficitur odio eget congue ultricies.
Quisque ac ante vitae leo tincidunt vulputate.
    Pellentesque
        arcu tortor, dictum venenatis aliquet quis,
dictum quis elit. Suspendisse tristique, dui sit amet
        cursus
            aliquet, dolor nibh porttitor neque, sit amet
mollis libero diam vel enim.</p> <br>
    <a href="our-dentists.html" id="header"
class="button">Our Dentists &nbsp; ></a>
</div>
</div>

<footer id="footer-about">
    <table align="center">
        <tr>
            <td rowspan="3"></td>
            <td>F32ee Dentists</td>
            <td>Tel: (00) 000-0000</td>
        </tr>
        <tr>
            <td>123 Road Name St.</td>
            <td>Fax: (00) 000-0000</td>
        </tr>
        <tr>
            <td>Singapore 000000</td>
            <td>Email: F32eeDentists@email.com</td>
        </tr>
    </table>
    <br><br>
    <small>&copy; F32ee Dentists 2019. All Rights
Reserved.</small>
</footer>
</body>
</html>
```

our-dentists.html

```
<!DOCTYPE html>
<html>
<head>
    <title>Our Dentists</title>
    <meta charset="utf-8">
    <link rel="stylesheet" href="styles.css" type="text/css">
    <link rel="stylesheet"
href="https://use.typekit.net/ypn7ljp.css">
</head>

<body>
    <div id="container">
        <a href="index.html"></a>
        <div id="header">
            <a href="authmain.php" class="button">Book
Appointment</a>
            <div id="nav">
                <ul>
                    <li><a href="about.html">About Us</a></li>
                    <li><a
href="services.html">Services</a></li>
                    <li><a href="contact.html">Contact
Us</a></li>
                </ul>
            </div>
        </div>
        <div id="page-intro">
            <h1>Meet Our Dentists</h1>
            <p>Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Ut vel faucibus diam. Nam ut mattis urna. Nam
                vehicula blandit varius. Pellentesque sem augue,
porta vitae ultricies eu, ultrices et magna. Praesent
                vestibulum aliquet augue, a suscipit diam
feugiat id.</p>
        </div>
        <div class="dentist-wrapper">
```

```

<h2>John Doe</h2>
<h3>Certifications and Qualifications</h3>
<p class="bio"> Lorem ipsum dolor sit amet,
consectetur adipiscing elit. Ut vel faucibus diam. Nam ut mattis
urna. Nam
        vehicula blandit varius. Pellentesque sem augue,
porta vitae ultricies eu, ultrices et magna. Praesent
        vestibulum aliquet augue, a suscipit diam
feugiat id. Aliquam id semper velit, in lobortis eros.
        Vestibulum
        in nulla fermentum, ornare urna quis, semper
purus. Ut blandit tortor ex, ut tincidunt massa molestie
        id.
        Nunc finibus urna maximus purus commodo, nec
feugiat lacus vestibulum.</p>
        <a href="authmain.php" class="link"><u>Book an
Appointment</u> &nbsp; ></a>
</div>
<div class="dentist-wrapper">
        
<h2>Jane Doe</h2>
<h3>Certifications and Qualifications</h3>
<p class="bio"> Lorem ipsum dolor sit amet,
consectetur adipiscing elit. Ut vel faucibus diam. Nam ut mattis
urna. Nam
        vehicula blandit varius. Pellentesque sem augue,
porta vitae ultricies eu, ultrices et magna. </p>
        <a href="authmain.php" class="link"><u>Book an
Appointment</u> &nbsp; ></a>
</div>
<div class="dentist-wrapper">
        
<h2>Jane Doe</h2>
<h3>Certifications and Qualifications</h3>
<p class="bio"> Lorem ipsum dolor sit amet,
consectetur adipiscing elit. Ut vel faucibus diam. Nam ut mattis
urna. Nam
```


vehicula blandit varius. Pellentesque sem augue,
porta vitae ultricies eu, ultrices et magna. Praesent
vestibulum aliquet augue, a suscipit diam
feugiat id. Aliquam id semper velit, in lobortis eros.

Vestibulum
in nulla fermentum, ornare urna quis, semper
purus. Ut blandit tortor ex, ut tincidunt massa molestie
id.

Nunc finibus urna maximus purus commodo, nec
feugiat lacus vestibulum. Dictum sit amet justo donec.

Tellus cras adipiscing enim eu turpis egestas
pretium aenean. Feugiat pretium nibh ipsum consequat nisl.

Amet aliquam id diam maecenas ultricies. Nunc
scelerisque viverra mauris in. Cursum sit amet dictum sit

amet justo. Elementum eu facilisis sed odio
morbi quis commodo odio. Lorem sed risus ultricies

tristique. Elit eget gravida cum sociis. Vel
fringilla est ullamcorper eget nulla facilisi etiam

dignissim diam. Tincidunt augue interdum velit
euismod in pellentesque massa placerat dui. Nibh tortor

id aliquet lectus proin. Congue eu consequat ac
felis donec. Praesent tristique magna sit amet.

Porttitor massa id neque aliquam vestibulum
morbi blandit cursus. Quam adipiscing vitae proin sagittis

nisl rhoncus mattis rhoncus.

[Book an
Appointment](authmain.php)

Lorem ipsum dolor sit amet,
consectetur adipiscing elit. Ut vel faucibus diam. Nam ut mattis
urna. Nam

vehicula blandit varius. Pellentesque sem augue,
porta vitae ultricies eu, ultrices et magna. Praesent

vestibulum aliquet augue, a suscipit diam
feugiat id. Aliquam id semper velit, in lobortis eros.

Vestibulum
in nulla fermentum, ornare urna quis, semper
purus. Ut blandit tortor ex, ut tincidunt massa molestie
id.
Nunc finibus urna maximus purus commodo, nec
feugiat lacus vestibulum.Dictum sit amet justo donec.
Tellus cras adipiscing enim eu turpis egestas
pretium aenean. Feugiat pretium nibh ipsum consequat nisl.
Amet aliquam id diam maecenas ultricies. Nunc
scelerisque viverra mauris in. cursus sit amet dictum sit
amet justo. Elementum eu facilisis sed odio
morbi quis commodo odio. Lorem sed risus ultricies
tristique. </p>

<u>Book an
Appointment</u>

</div>

</div>

<footer>

<table align="center">

<tr>

<td rowspan="3"></td>

<td>F32ee Dentists</td>

<td>Tel: (00) 000-0000</td>

</tr>

<tr>

<td>123 Road Name St.</td>

<td>Fax: (00) 000-0000</td>

</tr>

<tr>

<td>Singapore 000000</td>

<td>Email: F32eeDentists@email.com</td>

</tr>

</table>

<small>© F32ee Dentists 2019. All Rights
Reserved.</small>

</footer>

</body>

```
</html>
```

services.html

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
    <title>Our Services</title>
```

```
    <meta charset="utf-8">
```

```
    <link rel="stylesheet" href="styles.css" type="text/css">
```

```
    <link rel="stylesheet"
```

```
href="https://use.typekit.net/ypn7ljp.css">
```

```
</head>
```

```
<body>
```

```
    <div id="container">
```

```
        <a href="index.html"></a>
```

```
        <div id="header">
```

```
            <a href="#" class="button">Book Appointment</a>
```

```
            <div id="nav">
```

```
                <ul>
```

```
                    <li><a href="about.html">About Us</a></li>
```

```
                    <li><a
```

```
href="services.html">Services</a></li>
```

```
                    <li><a href="contact.html">Contact
```

```
Us</a></li>
```

```
                </ul>
```

```
            </div>
```

```
        </div>
```

```
        <div id="page-intro">
```

```
            <h1>Our Services</h1>
```

```
            <p>Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Ut vel faucibus diam. Nam ut mattis urna. Nam
                vehicula blandit varius. Pellentesque sem augue,
porta vitae ultricies eu, ultrices et magna. Praesent
                vestibulum aliquet augue, a suscipit diam
feugiat id.</p>
```

```
</div>
<table>
  <tr style="background-color:#D6F5FC;">
    <td class="services-title">
      <h2>Service #1</h2>
    </td>
    <td>
      <p>Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Ut vel faucibus diam. Nam ut mattis
urna.
Nam
vehicula blandit varius. Pellentesque
sem augue, porta vitae ultricies eu, ultrices et magna.
Praesent
vestibulum aliquet augue.</p>
    </td>
    <td class="services-price">
      <h2>$000</h2>
    </td>
  </tr>
  <tr>
    <td class="services-title">
      <h2>Service #2</h2>
    </td>
    <td>
      <p>Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Ut vel faucibus diam. Nam ut mattis
urna.
Nam
vehicula blandit varius. Pellentesque
sem augue, porta vitae ultricies eu, ultrices et magna.
Praesent
vestibulum aliquet augue</p>
    </td>
    <td class="services-price">
      <h2>$000</h2>
    </td>
  </tr>
  <tr style="background-color:#D6F5FC;">
```

```
<td class="services-title">
    <h2>Service #3</h2>
</td>
<td>
    <p>Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Ut vel faucibus diam. Nam ut mattis
urna.
Nam
vehicula blandit varius. Pellentesque
sem augue, porta vitae ultricies eu, ultrices et magna.
Praesent
vestibulum aliquet augue.</p>
</td>
<td class="services-price">
    <h2>$000</h2>
</td>
</tr>
<tr>
    <td class="services-title">
        <h2>Service #4</h2>
    </td>
    <td>
        <p>Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Ut vel faucibus diam. Nam ut mattis
urna.
Nam
vehicula blandit varius. Pellentesque
sem augue, porta vitae ultricies eu, ultrices et magna.
Praesent
vestibulum aliquet augue.</p>
    </td>
    <td class="services-price">
        <h2>$000</h2>
    </td>
</tr>
</table>
</div>
<footer id="footer-services">
    <table align="center">
```

```

        <tr>
            <td rowspan="3"></td>
            <td>F32ee Dentists</td>
            <td>Tel: (00) 000-0000</td>
        </tr>
        <tr>
            <td>123 Road Name St.</td>
            <td>Fax: (00) 000-0000</td>
        </tr>
        <tr>
            <td>Singapore 000000</td>
            <td>Email: F32eeDentists@email.com</td>
        </tr>
    </table>
    <br><br>
    <small>&copy; F32ee Dentists 2019. All Rights
Reserved.</small>
</footer>
</body>

</html>

```

contact.html

```

<!DOCTYPE html>
<html>

<head>
    <title>Contact Us</title>
    <meta charset="utf-8">
    <link rel="stylesheet" href="styles.css" type="text/css">
    <link rel="stylesheet"
href="https://use.typekit.net/ypn7ljp.css">
</head>

<body>
    <div id="container">

```

```

        <a href="index.html"></a>
        <div id="header">
            <a href="authmain.php" class="button">Book
Appointment</a>
            <div id="nav">
                <ul>
                    <li><a href="about.html">About Us</a></li>
                    <li><a
href="services.html">Services</a></li>
                    <li><a href="contact.html">Contact
Us</a></li>
                </ul>
            </div>
        </div>
        <div id="page-intro">
            <h1>Contact Us</h1>
            <p>Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Ut vel faucibus diam. Nam ut mattis urna. Nam
            vehicula blandit varius. Pellentesque sem augue,
porta vitae ultricies eu, ultrices et magna. Praesent
            vestibulum aliquet augue, a suscipit diam
feugiat id.</p>
        </div>
        
        <h2>Main Office</h2>
        <table class="main-office">
            <tr>
                <td class="left-column">F32ee Dentists</td>
                <td>Tel: (00) 000-0000</td>
            </tr>
            <tr>
                <td class="left-column">123 Road Name St.</td>
                <td>Fax: (00) 000-0000</td>
            </tr>
            <tr>
                <td class="left-column">Singapore 000000</td>
                <td>Email: F32eeDentists@email.com</td>
            </tr>
        </table>

```

```

</table>
<h1>Dentists</h1>
<table class="contact">
  <tr>
    <td class="contact-dentists">
      <h2>John Doe</h2>
    </td>
    <td class="contact-dentists">
      <h2>John Doe</h2>
    </td>
    <td class="contact-dentists">
      <h2>John Doe</h2>
    </td>
  </tr>
  <tr>
    <td class="contact-dentists">(00) 000 0000</td>
    <td class="contact-dentists">(00) 000 0000</td>
    <td class="contact-dentists">(00) 000 0000</td>
  </tr>
  <tr>
    <td
class="contact-dentists">johndoe@email.com</td>
    <td
class="contact-dentists">johndoe@email.com</td>
    <td
class="contact-dentists">johndoe@email.com</td>
  </tr>
</table>
<table class="contact">
  <tr>
    <td class="contact-dentists">
      <h2>John Doe</h2>
    </td>
  </tr>
  <tr>
    <td class="contact-dentists">(00) 000 0000</td>
  </tr>
  <tr>

```



```

        <td
class="contact-dentists">johndoe@email.com</td>
    </tr>
</table>
</div>
<footer>
    <table align="center">
        <tr>
            <td rowspan="3"></td>
            <td>F32ee Dentists</td>
            <td>Tel: (00) 000-0000</td>
        </tr>
        <tr>
            <td>123 Road Name St.</td>
            <td>Fax: (00) 000-0000</td>
        </tr>
        <tr>
            <td>Singapore 000000</td>
            <td>Email: F32eeDentists@email.com</td>
        </tr>
    </table>
    <br><br>
    <small>&copy; F32ee Dentists 2019. All Rights
Reserved.</small>
</footer>
</body>

</html>

```

appointments.php

```

<!DOCTYPE html>
<html>

<head>
    <title>Appointments</title>
    <meta charset="utf-8">
    <link rel="stylesheet" href="styles.css" type="text/css">

```

```

        <link rel="stylesheet"
href="https://use.typekit.net/ypn7ljp.css">
</head>

<?php //authmain.php
include "dbconnect.php";
session_start();
unset($_SESSION['thedata']);
?>

<body>
    <div id="container">
        <a href="index.html"></a>
        <div id="header">
            <a href="authmain.php" class="button">Book
Appointment</a>
            <div id="nav">
                <ul>
                    <li><a href="about.html">About Us</a></li>
                    <li><a
href="services.html">Services</a></li>
                    <li><a href="contact.html">Contact
Us</a></li>
                </ul>
            </div>
        </div>
        <div id="page-intro">
            <h1>Your Appointments</h1>
        </div>

        <?php
if (isset($_SESSION['message']))
{
    echo '<p><strong>'.$_SESSION['message'].'</strong></p>';
    unset($_SESSION['message']);
}

if (!isset($_SESSION['valid_user']))

```

```

    {
        echo '<p class="large">You are not logged in ! </p>';
        echo '<a href="authmain.php"
class="appointment-link"><p> &nbsp;<u>Back to log in
page</u></p></a>';
    }

else
{
    //Upcoming appointments
    //Retrieve appointments data, display them
    echo '<h2>Upcoming appointments</h2>';
    $email = $_SESSION['valid_user'];
    $query = "SELECT * FROM appointments WHERE
email='$email' ";
    $result = $dbcnx->query($query);
    $num_results = $result->num_rows;
    if (!$num_results)
    {
        echo '<p class="large"><strong> You have no
appointments scheduled !</strong></p>';
    }
    else
    {
        for ($i=0; $i <$num_results; $i++) {
            $row = $result->fetch_assoc();
            $query = "SELECT * FROM doctors WHERE
name='$row[doctor]' ";
            $contact = $dbcnx->query($query)->fetch_assoc();
            echo '<br /><table
class="upcoming-appointments">';
            echo '<tr><td colspan=2><strong>';
            $date=date_create($row[date]);
            echo date_format($date,"l d, F Y");
            echo ' at '. $row[time] .' with Doctor '.
$row[doctor]. '</td></tr>';

```

```

        echo '<tr style="text-align:left;"><td> F32ee
Dentists <br /> 123 Road Name St. <br /> Singapore 000000</td>';
        echo '<td
class="upcoming-left">'.$contact[fullname]. '<br
/>'.$contact[phone]. '<br />'.$contact[email]. '</td></tr>';
        echo '<tr style="text-align:center;">';
        echo '<form action="changeappointment.php"
method="post">';
            echo '<input type="hidden" name="date"
value='.$row[date]. ' />';
            echo '<input type="hidden" name="doctor"
value='.$row[doctor]. ' />';
            echo '<input type="hidden" name="time"
value='.$row[time]. ' />';
            echo '<td><input type="submit" name="change"
value="Change" class="button"/></td>'; //Add cookie to transmit
date, time and doc
            echo '<td><input type="submit" name="cancel"
value="Cancel" class="button"/></td></tr>'; //Add cookie to
transmit date, time and doc
            echo '</form></table>';
        }
    }
    //Schedule new appointments
    echo '<div id="new-appointment-wrapper">';

    echo '<br /><h2>Schedule new appointments</h2>';
    echo '<table cellpadding="10" class="new-appointment">';
    echo '<tr><td class="left-column"><label>Dentist
:</label></td> <td width="50" /> <td
class="left-column"><label>Service :</label></td></tr>';

    echo '<form action="scheduleappointment.php"
method="post">';
    echo '<tr><td class="left-column"><select id="dentist"
name="dentist" class="dropdown">';

    $query = "SELECT * FROM doctors";
    $result = $dbcnx->query($query);

```

```

$num_results = $result->num_rows;

for ($i=0; $i <$num_results; $i++) {
    $row = $result->fetch_assoc();
    echo '<option
value="'. $row[name].'">'. $row[fullname].'</option>';
}
echo '</select></td>';
echo '<td width="50" />';

    echo '<td class="left-column"><select id="service"
name="service" class="dropdown">';
    echo '<option value="ser1">Service 1</option> <option
value="ser2">Service 2</option> <option value="ser3">Service
3</option></select></td></tr>';
    echo '<tr><td height="30" /></tr>';

    echo '<tr><td class="left-column"><label> Select the
date :</label></td></tr>';
    echo '<tr><td class="left-column"><input type="date"
name="thedata" style="margin-bottom:50px; "
class="date-select"></td></tr>';
    echo '<tr><td height="20" /></tr>';

    echo '<tr><td class="left-column"><input type="submit"
value="Book Appointment" class="button"></td></tr>';
    echo '</table></form>';
    //Need to think about this one
}
?>
</div>
<a href="logout.php" class="button">Log Out</a>
</div>
<footer id="logout-footer">
    <table align="center">
        <tr>
            <td rowspan="3"></td>
            <td>F32ee Dentists</td>

```

```

        <td>Tel: (00) 000-0000</td>
    </tr>
    <tr>
        <td>123 Road Name St.</td>
        <td>Fax: (00) 000-0000</td>
    </tr>
    <tr>
        <td>Singapore 000000</td>
        <td>Email: F32eeDentists@email.com</td>
    </tr>
</table>
<br><br>
<small>&copy; F32ee Dentists 2019. All Rights
Reserved.</small>
</footer>
</body>

</html>

```

authmain.php

```

<html>

<head>
    <title>Authentication</title>
    <meta charset="utf-8">
    <link rel="stylesheet" href="styles.css" type="text/css">
    <link rel="stylesheet"
href="https://use.typekit.net/ypn7ljp.css">
</head>

<?php //authmain.php
include "dbconnect.php";
session_start();

if (isset($_POST['email']) && isset($_POST['password']))
{
    // if the user has just tried to log in
    $email = $_POST['email'];

```

```

$password = $_POST['password'];

$password = md5($password);
$query = 'select * from project_users '
        ."where email='$email' "
        ." and password='$password'";

$result = $dbcnx->query($query);
if ($result->num_rows >0 )
{
    // if they are in the database register the user id
    $_SESSION['valid_user'] = $email;
}
$dbcnx->close();
}
?>

<body>

    <div id="container">
        <a href="index.html"></a>
        <div id="header">
            <a href="#" class="button">Book Appointment</a>
            <div id="nav">
                <ul>
                    <li><a href="about.html">About Us</a></li>
                    <li><a
href="services.html">Services</a></li>
                    <li><a href="contact.html">Contact
Us</a></li>
                </ul>
            </div>
        </div>
        <div id="page-intro">
            <h1>Authentication</h1>
        </div>

```

```

        <?php
    if (isset($_SESSION['valid_user']))
    { //Go to your appointments or whatever
        header("Location: appointments.php");
        // echo 'You are logged in with: ' . $_SESSION['valid_user'] . '
<br />';
        // echo '<a href="appointments.php" class="button">View Your
Appointments</a>';
        // echo '<a href="logout.php" class="button">Log out</a><br
/>';
        //OR
    }
    else
    {
        if (isset($email))
        {
            // if they've tried and failed to log in
            echo 'Could not log you in.<br />';
        }
        // else
        // {
        //     // they have not tried to log in yet or have logged out
        //     echo 'You are not logged in.<br />';
        // }

        // provide form to log in

        echo '<form method="post" action="authmain.php">';
        echo '<table border="0" class="new-appointment">';
        echo '<tr><td
class="left-column"><label>Email:</label></td>';
        echo '<td class="left-column">
<label>Password:</label></td></tr>';
        echo '<tr><td class="left-column"><input type="text"
name="email" class="text-input"></td>';
        echo '<td class="left-column"><input type="password"
name="password" class="text-input"></td>';

```



```

        echo '<td class="left-column"><input type="submit"
value="Login" name="createaccount" id="createaccount"
class="button"></td></tr>';
        echo '<tr;><td colspan=2 class="no-account">Do not have an
account? <a href="registration.html"
class="appointment-link"><u>Sign Up.</u></a></td></tr>';
        echo '</table>';
        echo '</form>';

    }
?>
</div>
<footer>
    <table align="center">
        <tr>
            <td rowspan="3"></td>
            <td>F32ee Dentists</td>
            <td>Tel: (00) 000-0000</td>
        </tr>
        <tr>
            <td>123 Road Name St.</td>
            <td>Fax: (00) 000-0000</td>
        </tr>
        <tr>
            <td>Singapore 000000</td>
            <td>Email: F32eeDentists@email.com</td>
        </tr>
    </table>
    <br><br>
    <small>&copy; F32ee Dentists 2019. All Rights
Reserved.</small>
</footer>
</body>

</html>

```

changeappointment.php

```
<?php //authmain.php
include "dbconnect.php";
session_start();
$date = $_POST['date'];
$time = $_POST['time'];
$doctor = $_POST['doctor'];
$_SESSION['dentist'] = $doctor;

if (isset($_POST['cancel'])) {

    $query = "DELETE FROM appointments WHERE time='$time'
AND date='$date' AND doctor='$doctor'";
    $result = $dbcnx->query($query);
    if ($result) {
        $_SESSION['message'] = 'Cancellation of the '
.$date. ', ' . $time . ' appointment with Doctor ' . $doctor . '
has been successful !';
        header("Location: appointments.php");
    } else {
        $_SESSION['message'] = 'Cancellation of the ' .
$date . ', ' . $time . ' appointment with Doctor ' . $doctor . '
could not be performed !';
        header("Location: appointments.php");
    }
} else {
    $_SESSION['reschedule'] = 'yeah';
    $_SESSION['olddate'] = $date;
    $_SESSION['oldtime'] = $time;
    $_SESSION['message'] = '<form
action="scheduleappointment.php" method="post">
    <p class="large"> Select the new date for your '
.$date. ', ' . $time . ' appointment with Doctor ' . $doctor .
':</p><br />
    <input type="date" name="thedata" style="margin:
auto;" class="date-select"><br>
```

```

        <input type="submit" value="Book New Appointment"
class="button" style="margin: 100px 0;"></form>';
        header("Location: appointments.php");
    }
?>

```

dbconnect.php

```

<?php
@$dbcnx = new mysqli('localhost','f32ee','f32ee','f32ee');
// @ to ignore error message display //
if ($dbcnx->connect_error){
    echo "Database is not online";
    exit;
    // above 2 statments same as die() //
}
/* else
    echo "Congratulations... MySQL is working..";
*/
if (!$dbcnx->select_db ("f32ee"))
    exit("<p>Unable to locate the f32ee database</p>");
?>

```

logout.php

```

<?php
    session_start();

    // store to test if they *were* logged in
    unset($_SESSION['valid_user']);
    session_destroy();
    header("Location: authmain.php");
?>

```

register.php

```

<html>

<head>
    <title>Register</title>

```

```

        <meta charset="utf-8">
        <link rel="stylesheet" href="styles.css" type="text/css">
        <link rel="stylesheet"
href="https://use.typekit.net/ypn7ljp.css">
</head>

<body>
    <div id="container">
        <a href="index.html"></a>
        <div id="header">
            <a href="authmain.php" class="button">Book
Appointment</a>
            <div id="nav">
                <ul>
                    <li><a href="about.html">About Us</a></li>
                    <li><a
href="services.html">Services</a></li>
                    <li><a href="contact.html">Contact
Us</a></li>
                </ul>
            </div>
        </div>
        <div id="page-intro">
            <h1>Register</h1>
        </div>

        <?php // register.php
include "dbconnect.php";
if (isset($_POST['createaccount'])) {
    if (empty($_POST['email']) || empty ($_POST['password'])
        || empty ($_POST['password2']) || empty
($_POST['firstname'])
        || empty ($_POST['lastname']) || empty
($_POST['phone'])) {
        echo "All records to be filled in";
        exit;}
    }
$firstname = $_POST['firstname'];

```

```

$lastname = $_POST['lastname'];
$email = $_POST['email'];
$phone = $_POST['phone'];
$password = $_POST['password'];
$password2 = $_POST['password2'];

if ($dbcnx->connect_error){
    echo "Database is not online";
    exit;
}

$query = "SELECT* FROM project_users WHERE email='$email'";
$result = $dbcnx->query($query);
if ($result->num_rows)
{
    echo "This email address is already attached to an account
!";
    echo '<br /><a href="registration.html"
class="appointment-link"><p>< &nbsp; <u>Back to registration
page</u></p></a>';
    exit;
}

if ($password != $password2) {
    echo "Sorry passwords do not match";
    exit;
}
$password = md5($password);
$query = "INSERT INTO project_users (firstname, lastname, email,
phone, password)
VALUES ('$firstname', '$lastname', '$email', '$phone',
'$password')";
$result = $dbcnx->query($query);

if (!$result){
    echo "Your query failed.";
    echo '<br /><a href="authmain.php"><p>< &nbsp; <u>Back to
authentication page</u></p></a>';

```

```

}else{
    echo "Welcome ". $firstname . " " . $lastname . ". You are
now registered";
    echo '<br /><a href="authmain.php"><p>< &nbsp; <u>Back to
authentication page</u></p></a>';
}

?>
</div>
<footer>
    <table align="center">
        <tr>
            <td rowspan="3"></td>
            <td>F32ee Dentists</td>
            <td>Tel: (00) 000-0000</td>
        </tr>
        <tr>
            <td>123 Road Name St.</td>
            <td>Fax: (00) 000-0000</td>
        </tr>
        <tr>
            <td>Singapore 000000</td>
            <td>Email: F32eeDentists@email.com</td>
        </tr>
    </table>
    <br><br>
    <small>&copy; F32ee Dentists 2019. All Rights
Reserved.</small>
</footer>

</body>

</html>

```

registration.html

```

<!DOCTYPE html>
<html>

```

```

<head>
    <title>Registration</title>
    <meta charset="utf-8">
    <link rel="stylesheet" href="styles.css" type="text/css">
    <link rel="stylesheet"
href="https://use.typekit.net/ypn7ljp.css">
</head>

<body>
    <div id="container">
        <a href="index.html"></a>
        <div id="header">
            <a href="authmain.php" class="button">Book
Appointment</a>
            <div id="nav">
                <ul>
                    <li><a href="about.html">About Us</a></li>
                    <li><a
href="services.html">Services</a></li>
                    <li><a href="contact.html">Contact
Us</a></li>
                </ul>
            </div>
        </div>
        <div id="page-intro">
            <h1>Patient Registration</h1>
        </div>

        <form action="register.php" method=POST>
            <table border="0" align="center"
class="new-appointment">
                <tr>
                    <td class="left-column"><label>First Name:
</label></td>
                    <td><label>Last Name: </label></td>
                </tr>
                <tr>

```

```

        <td class="left-column"><input type="text"
name=firstname class="registration-row"></td>
        <td><input type="text" name=lastname
class="registration-row"></td>
    </tr>
    <tr>
        <td class="left-column"><label>Email:
</label></td>
        <td><label>Phone number: </label></td>
    </tr>
    <tr>
        <td class="left-column"><input type="email"
name=email class="registration-row"></td>
        <td><input type="text" name=phone
class="registration-row"></td>
    </tr>
    <tr>
        <td class="left-column"><label>Password:
</label></td>
        <td><label>Password: </label></td>
    </tr>
    <tr>
        <td class="left-column"><input type="password"
name=password class="registration-row"></td>
        <td><input type="password" name=password2
class="registration-row"></td>
    </tr>
</table>
<br />

<div style="text-align:center;">
    <input type="submit" value="Create Account"
name="createaccount" id="createaccount" class="button">
</div>
</form>
</div>
<footer id="patient-registration-footer">
    <table align="center">
        <tr>

```



```

                <td rowspan="3"></td>
                <td>F32ee Dentists</td>
                <td>Tel: (00) 000-0000</td>
            </tr>
            <tr>
                <td>123 Road Name St.</td>
                <td>Fax: (00) 000-0000</td>
            </tr>
            <tr>
                <td>Singapore 000000</td>
                <td>Email: F32eeDentists@email.com</td>
            </tr>
        </table>
        <br><br>
        <small>&copy; F32ee Dentists 2019. All Rights
Reserved.</small>
    </footer>
</body>

</html>

```

scheduleappointment.php

```

<!DOCTYPE html>
<html>

<head>
    <title>Appointments</title>
    <meta charset="utf-8">
    <link rel="stylesheet" href="styles.css" type="text/css">
    <link rel="stylesheet"
href="https://use.typekit.net/ypn7lj1p.css">
</head>

<?php

    include "dbconnect.php";
    session_start();

```

```

if(isset($_POST['wanted_time'])){
    $email = $_SESSION['valid_user'];
    $wanted_time = $_POST['wanted_time'];
    $dentist = $_SESSION['dentist'];
    $thedata = $_SESSION['thedata'];
    $service = $_SESSION['service'];

    $to = 'f32ee@localhost';
    $subject = 'Appointment Confirmation';
    $message = 'Hello '.$firstname.' '.$lastname.'
!'. "\r\n".

        'Your appointment the '.$thedata.' at
'.$wanted_time.' with Doctor '.$dentist.' has been set and
confirmed.'. "\r\n".

        'We look forward to see you at our clinic
!'. "\r\n".

        'F32ee Dentists, 123 Road Name St.'. "\r\n".
        'F32eeDentists@email.com';
    $headers = 'From: f32ee@localhost';

    if (isset($_SESSION['reschedule']))
    {
        $olddate = $_SESSION['olddate'];
        $oldtime = $_SESSION['oldtime'];
        unset($_SESSION['reschedule']);
        unset($_SESSION['olddate']);
        unset($_SESSION['oldtime']);
        $query = "UPDATE appointments SET
date='".$thedata."', time='".$wanted_time" WHERE email='".$email" AND
date='".$olddate"' AND doctor='".$dentist"' AND time='".$oldtime'";
        $result = $dbcnx->query($query);
        if (!$result){
            $_SESSION['message'] = 'Your appointment the
'.date_format($olddate,"l d, F Y").' at '.$oldtime.' with Doctor
'.$dentist.' could not be changed !';
        }else{
            $_SESSION['message'] = 'Your appointment the
'.date_format($olddate,"l d, F Y").' at '.$oldtime.' with Doctor

```

```

'.'.$dentist.' has been rescheduled to the
'.date_format($thedata,"l d, F Y").' at '.'.$wanted_time.' !';
        mail ($to, $subject, $message, $headers,
'-f32ee@localhost');
    }
    header("Location: appointments.php");
}
else
{
    $query = "INSERT INTO `f32ee`.`appointments`
(`email`, `date`, `time`, `doctor`) VALUES ('$email',
'$thedata', '$wanted_time', '$dentist')";
    $result = $dbcnx->query($query);
    $mydate=date_create($thedata);
    unset($_SESSION['thedata']);
    unset($_SESSION['service']);
    unset($_SESSION['dentist']);
    if (!$result){
        $_SESSION['message'] = 'Your appointment the
'.date_format($mydate,"l d, F Y").' at '.'.$wanted_time.' with
Doctor '.'.$dentist.' could not be set !';
        header("Location: appointments.php");
    }else{
        $_SESSION['message'] = 'Your appointment the
'.date_format($mydate,"l d, F Y").' at '.'.$wanted_time.' with
Doctor '.'.$dentist.' has been set successfully !';
        mail ($to, $subject, $message, $headers,
'-f32ee@localhost');
        header("Location: appointments.php");
    }
}
}
?>

```

```

<style>
    input {
        width: 20em;
        height: 2em;
    }

```

```

</style>
}

<body>
    <div id="container">
        <a href="index.html"></a>
        <div id="header">
            <a href="authmain.php" class="button">Book
Appointment</a>
            <div id="nav">
                <ul>
                    <li><a href="about.html">About Us</a></li>
                    <li><a
href="services.html">Services</a></li>
                    <li><a href="contact.html">Contact
Us</a></li>
                </ul>
            </div>
        </div>
        <div id="page-intro">
            <h1>Booking an Appointment</h1>
        </div>

        <?php
if (!isset($_SESSION['thedata'])) {
    $_SESSION['thedata'] = $_POST['thedata'];
}
if (!isset($_SESSION['service'])) {
    $_SESSION['service'] = $_POST['service'];
}
if (!isset($_SESSION['dentist'])) {
    $_SESSION['dentist'] = $_POST['dentist'];
}
$email = $_SESSION['valid_user'];
$thedata = $_SESSION['thedata'];
$service = $_SESSION['service'];
$dentist = $_SESSION['dentist'];

```

```

    $mydate=date_create($thedata);
    $now = date_create();

    if ($mydate < $now)
    {
        echo '<p><td> The date cannot be in the
past!</strong></p>';
    }
    else
    {
        echo '<h2>Select a Time</h2> <br />';
        echo '<p> '.date_format($mydate,"l d, F Y").'</p>';
        echo '<table border="1" class="new-appointment">';
        for ($i=0; $i<9; $i++) {
            $temp = 8 + $i;
            $thetime = $temp.':00';
            echo '<tr><td>'.$thetime.'</td>';
            echo '<form action="" method="post">';
            $query = "SELECT * FROM appointments WHERE
doctor='$dentist' AND date='$thedata' AND time='$thetime'";
            $result = $dbcnx->query($query);
            $num_results = $result->num_rows;
            if (!$num_results && $temp != 12)
            {
                echo '<td bgcolor="#00FF00"
class="new-td"><input type="submit" name="wanted_time"
value="'.$thetime.'" style="background-color: #00ff00; color:
#00ff00; border: none;"></td></tr>';
            }else{
                echo '<td bgcolor="#FF0000" style="width:
7em; height: 2em;" /></tr>';
            }
        }
        echo '</table>';
    }
    ?>

    <br /><a href="appointments.php"
class="appointment-link">
    <p>

```

```

        < &nbsp; <u>Back to appointments page</u>
    </p>
</a>
</div>
<footer>
    <table align="center">
        <tr>
            <td rowspan="3"></td>
            <td>F32ee Dentists</td>
            <td>Tel: (00) 000-0000</td>
        </tr>
        <tr>
            <td>123 Road Name St.</td>
            <td>Fax: (00) 000-0000</td>
        </tr>
        <tr>
            <td>Singapore 000000</td>
            <td>Email: F32eeDentists@email.com</td>
        </tr>
    </table>
    <br><br>
    <small>&copy; F32ee Dentists 2019. All Rights
Reserved.</small>
</footer>
</body>

</html>
```