SMILE DENTAL CLINIC WEB APPLICATION

Created By : Nirav Rana

INTRODUCTION

- Smile Dental Clinic Web application is an online dental clinic application .

- The application is web-based and will work over the internet it has three main roles that are Doctor, Patient and Receptionist

- all these users will use the application according to their privileges, the application will automate the process from appointment to billing. The patient can book an appointment from anywhere over the internet, Doctor can save or update his schedule any time, Patients and doctors can see their past appointments and upcoming appointments with just a few clicks, searching of record is made easy, billing a patient is also easy and automated.

WHY THIS TOPIC

- Because there were many problems in manual clinic system and it is time wastage.

- Every person visits the clinic for booking an appointment and in the manual system it consumes a lot of time to overcome all these issues I have select this topic

TECHNOLOGY

Technology	ASP .NET MVC
Language	C#
Back-end	SQL Server 2017
O.S	Windows XP, Vista, 7, 8,10

WHY THIS TECHNOLOGY

Ability to provide multiple views:

-> In the MVC Model, you can create multiple views for a model.

-> Code duplication is very limited because it separates data and business logic from the display.

Search Engine Optimization (SEO) Friendly / Stateless

- URL's are more friendly to search engines

e.x http://mywebapplication.com/users/ 1

APPROACH USED IN APPLICATION

Entity Framework code first approach

- Enntity Framework code first approach creates model codes (classes, properties, DbContext etc.) from the database in the project and those classes become the link between the database and controller.

ENTITY AND ROLES

- There are four Roles in dental clinic web application

- 1. Admin

- 2. Doctor

- 3. Receptionist

- 4.Patient

ADMIN

Manage Roles

- Admin can create and manage new roles
- Assign new roles to user
- Delete role from the user

Admin can Create new doctor account

Admin Can create new receptionist account

Admin can manage doctor and receptionist account

Opening hours: mon - sat 6:00Am to 10:00pm   FAQ | Support

Smile Dental Clinic   Home 🏠   Doctor 📅 ▾   Receptionist 👤 ▾   👤 ▾

Clinic 1

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All Users

UserName	Email	PhoneNumber		
Rec new	recnew@gmail.com		Edit	Detail
Luis J	LuisJ@gmail.com		Edit	Detail
DoctorNiravRana	niravrana@gmail.com		Edit	Detail
newacc	newtestaccount@gmail.com		Edit	Detail
Rec	rec@gmail.com		Edit	Detail
nivrec	niv@gmail.com		Edit	Detail
newalex	newalex@gmail.com		Edit	Detail

Role Manager

Roles

Role name: [_____]   **Add Role**

Add a Role to a User

User Name:

[Rec new ▼]

Role Name:

[Admin ▼]

Save

Remove Role from User

User Name:

[---Select--- ▼]

Role Name:

[▼]

Delete this user from Role

List Roles for a User

User Name:

[Rec new ▼]

Get Roles for this User

DOCTOR

- Doctor can add and Edit/Delete his/her available date and time

- Add and Edit/ Delete Services

- Add and Edit/Delete new receptionist account

- Doctor can manage his/her account information

- Can see upcoming appointment with patient & delete upcoming appointment

localhost:55536

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🦷 **Smile** Dental Clinic   Home 🏠   Receptionist 👤 ▾   Services 📅 ▾   Add Schedule 📅 ▾   Patient Appointment 📅 ▾   👤 ▾

Clinic 1

Type here to search   9:19 AM
12/11/2018

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🦷 **Smile** Dental Clinic

Home 🏠 | Receptionist 👤 ▾ | Services 📅 ▾ | Add Schedule 📅 ▾ | Patient Appointment 📅 ▾ | 👤 ▾

Receptionists

ReceptionistName	DateOfBirth	Email		
Rec	6/2/1996 12:00:00 AM	recnew@gmail.com	Edit Receptionist		Delete
demo	6/2/1996 12:00:00 AM	demorec@gmail.com	Edit Receptionist		Delete
newreceptionist	6/8/1996 12:00:00 AM	newreceptionist@gmail.com	Edit Receptionist		Delete
niv	6/8/1996 12:00:00 AM	niv@gmail.com	Edit Receptionist		Delete
kevin	1/9/1995 12:00:00 AM	kevin@gmail.com	Edit Receptionist		Delete
newalex	2/5/1995 12:00:00 AM	newalex@gmail.com	Edit Receptionist		Delete

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9:24 AM
12/11/2018

localhost:55536/Doctor/listofreceptionist

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Smile Dental Clinic   Hom   Patient Appointment
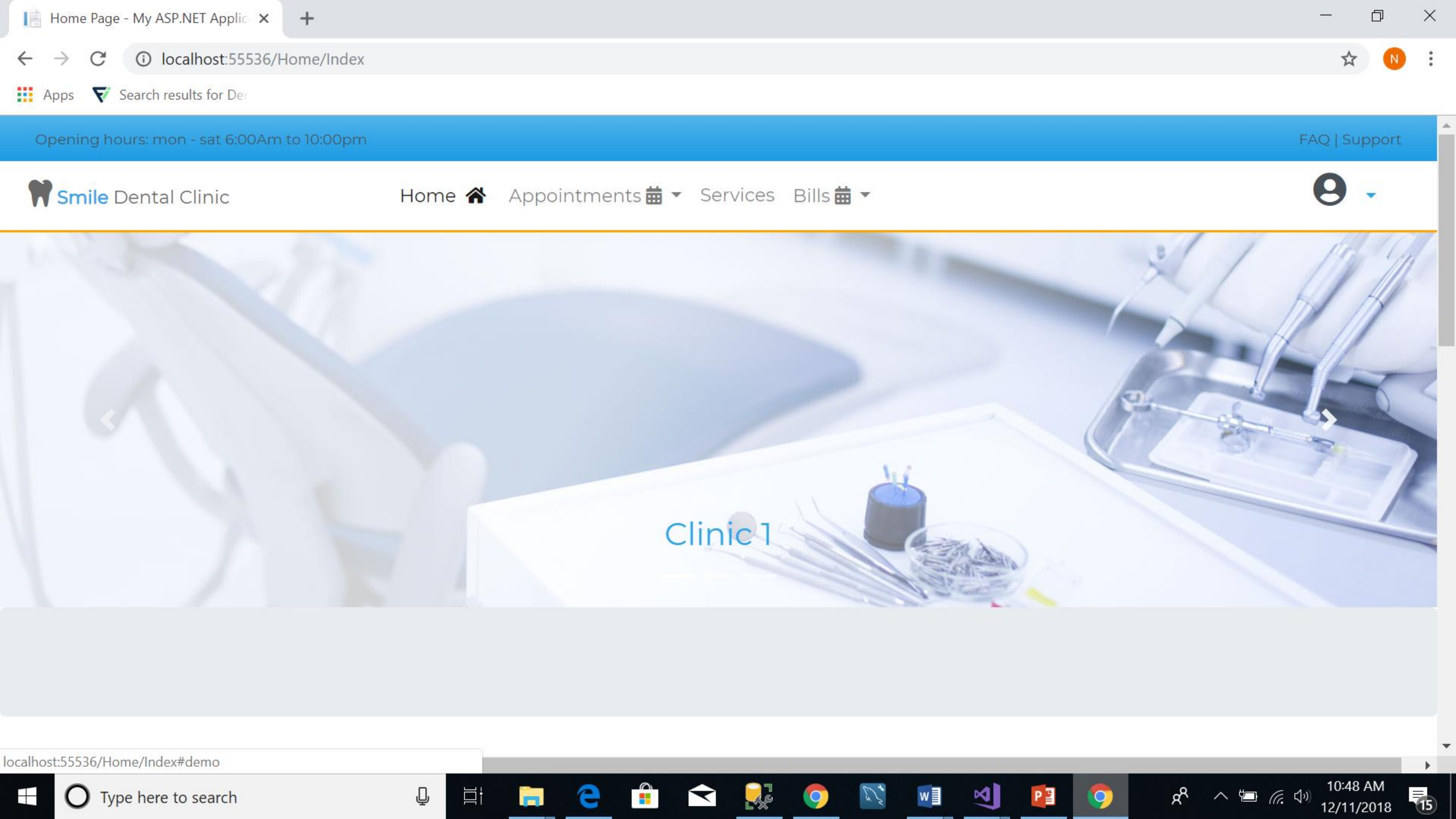
Are you sure you want to delete this receptionist?   ✕

Cancel   OK

Receptionists

ReceptionistName	DateOfBirth	Email		
Rec	6/2/1996 12:00:00 AM	recnew@gmail.com	Edit Receptionist |	Delete
demo	6/2/1996 12:00:00 AM	demorec@gmail.com	Edit Receptionist |	Delete
newreceptionist	6/8/1996 12:00:00 AM	newreceptionist@gmail.com	Edit Receptionist |	Delete
niv	6/8/1996 12:00:00 AM	niv@gmail.com	Edit Receptionist |	Delete
kevin	1/9/1995 12:00:00 AM	kevin@gmail.com	Edit Receptionist |	Delete
newalex	2/5/1995 12:00:00 AM	newalex@gmail.com	Edit Receptionist |	Delete

Type here to search

9:25 AM
12/11/2018

RECEPTIONIST

- Receptionist can make appointment for new and existing users .

- Can make changes to appointment (Edit / Delete)

- Can see available services provided by doctors

- Can generate a bill after patient sees a doctor.

localhost:55536/Home/Index

Apps ▼ Search results for De

FAQ | Support

🦷 **Smile** Dental Clinic

Home 🏠   Appointments 📅 ▼   Services   Bills 📅 ▼

👤 ▼

Clinic 1

localhost:55536/Home/Index#demo

Type here to search

10:48 AM
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Smile Dental Clinic   Home 🏠   Appointments 📅 ▾   Services   Bills 📅 ▾   👤 ▾

Appointments

| Upcoming Appointments | Today Appointments |

There is no appointment for today

Address

11929 W Airport Blvd
Stafford
Texas
77477
Phone: +16826826826

Dental Services

Root Canel
Teeth Bridge
Teeth Whitening
Oral Examinations
Extractions
Fillings

About Us
Contact Us

PATIENT

- Patient can create new account
- Schedule new appointment or make changes to existing appointment or delete appointment.
- Can see services
- Manage profile
- Can See profile information

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🦷 **Smile** Dental Clinic   Home 🏠   Appointment 👤   Payment 💼   My Account 💼   Services 🏠   👤 ▾

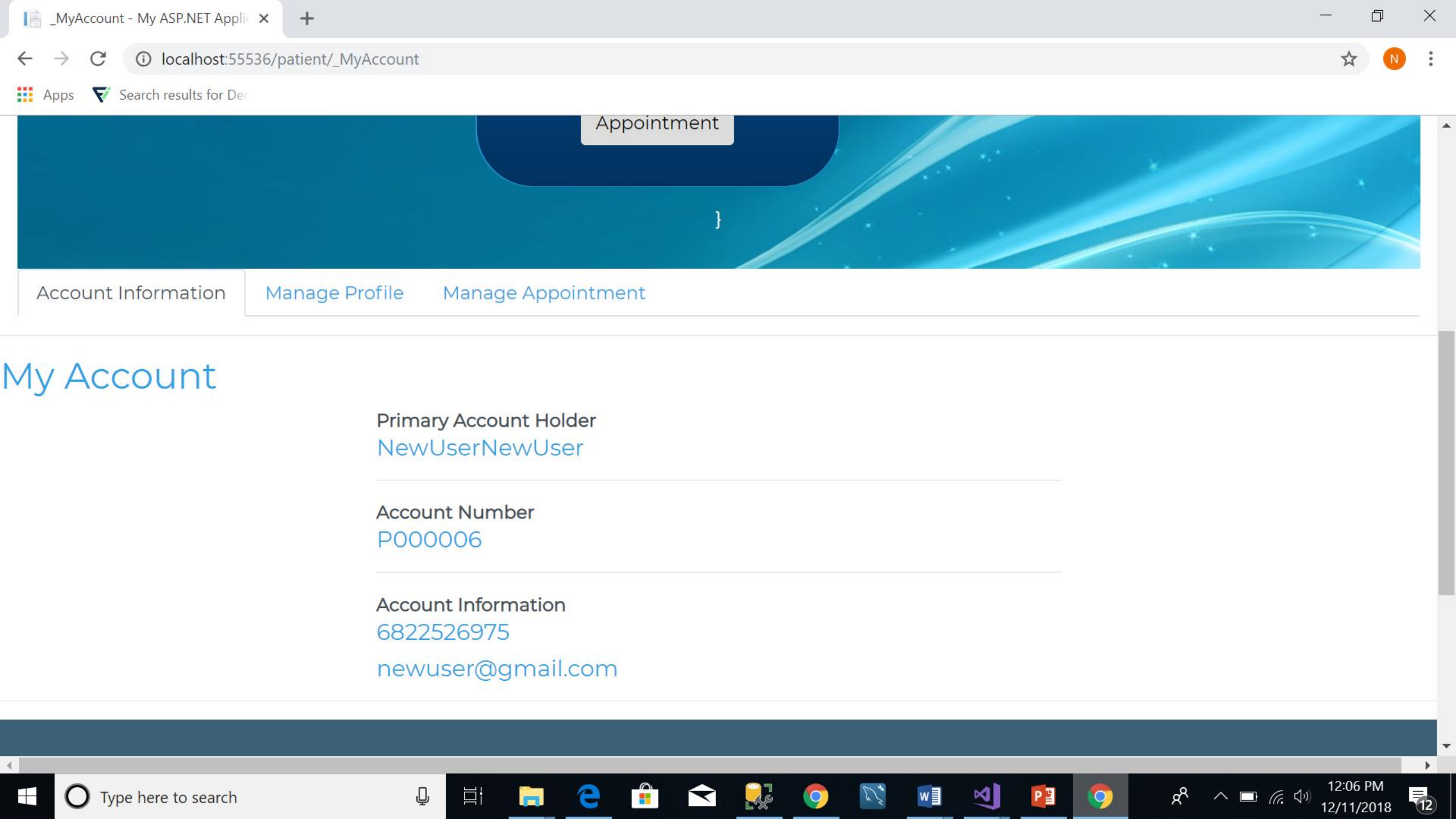**Nirav Rana**

Primary User

Log Out

Upcoming Appointment

📅✓

Your next appointment is on 6/2/2019

Appointment

}

Appointment

}

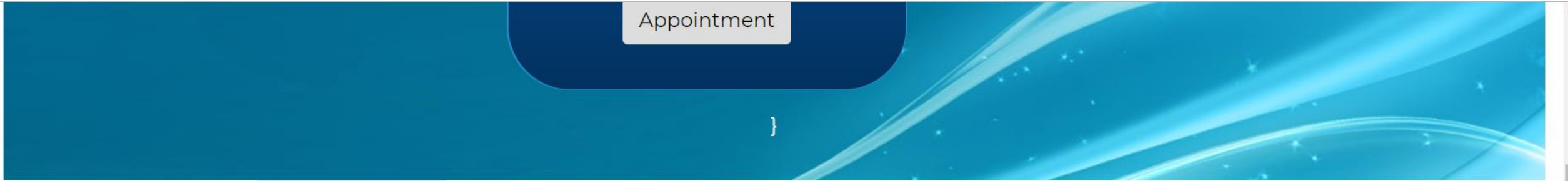Account Information   Manage Profile   Manage Appointment

My Account

Primary Account Holder
NewUserNewUser

Account Number
P000006

Account Information
6822526975

newuser@gmail.com

Appointment

}

Account Information   **Manage Profile**   **Manage Appointment**

Doctor

FirstName

NewUser

LastName

NewUser

DateOfBirth

6/2/1996 12:00:00 AM

Email

newuser@gmail.com

MODULES

- Log In module

- Register Module

- Appointment Module

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Smile Dental Clinic

Home 🏠   Schedule 📅   My Account 👤   Services 🏥   About_Us 👥

Doctor

don't have an account?

Username

My account is the simple, secure and easy way to get online access to your Aspen Dental account, where you can view your upcoming dental work, view billing statements, and make online payments.

Password

☐ Rememberme

Sign Up

Forgot Password?

Forgot Username?

Sign In

Address   Dental Services   About Us

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Smile Dental Clinic

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Sign Up

First Name

First Name

Last Name

Last Name

Date Of Birth

mm/dd/yyyy

Email Address

Email

Phone Number

Type here to search

THANK YOU .

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