

4/3/2016

# Prototype Report

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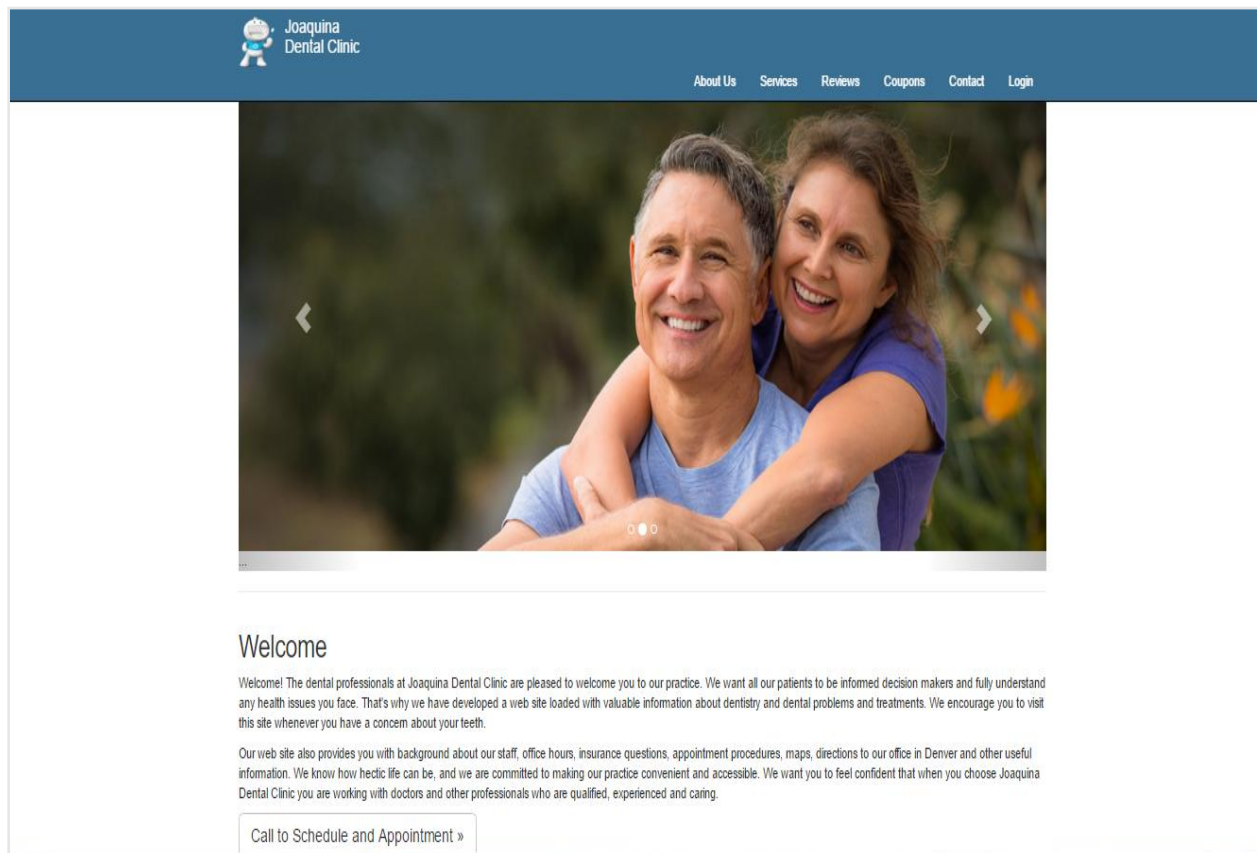
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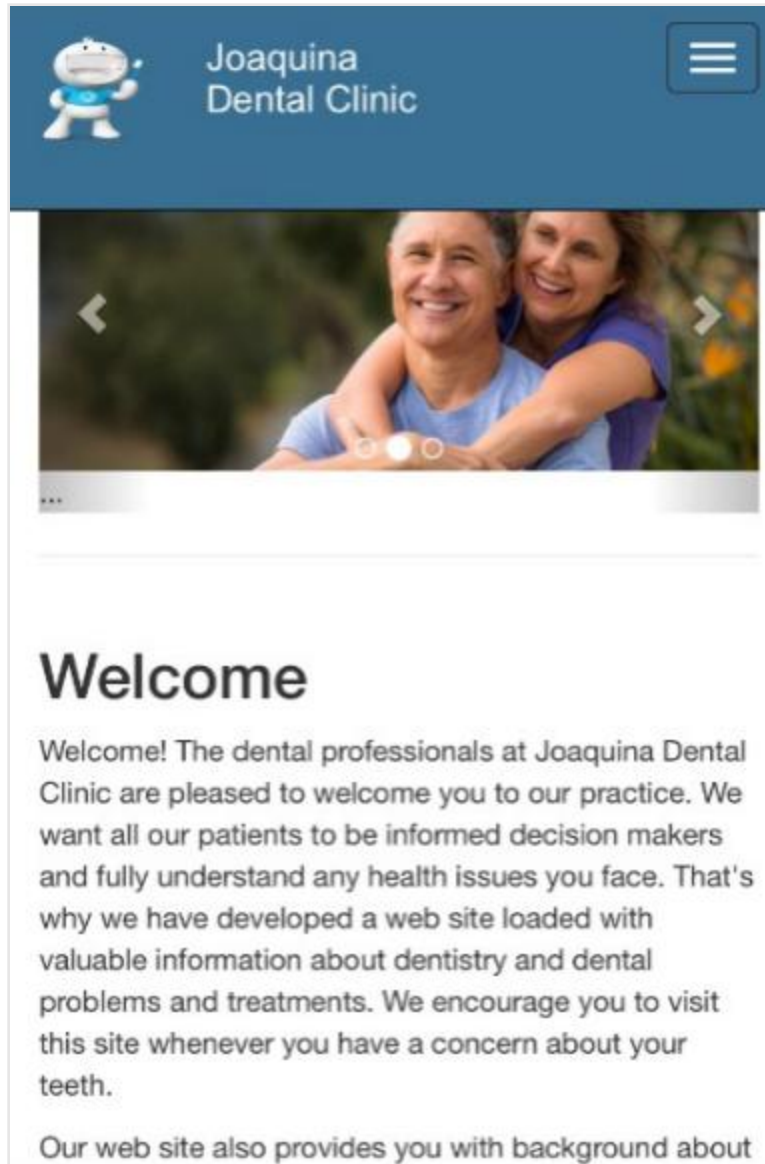
## Screens Developed

### Home page

The home page of the “Joaquina Dental Clinic” is the first page that user lands on. We have tried to incorporate several elements like: happy and smiling faces, a friendly mascot, registration link, and recommendations etc. to offer a welcoming and warm experience for our present and prospective clients.



*Home Page on the desktop platform*



*Home Page on the Phone platform*

## Login page

We have implemented a very simple Login page without much clutter. An existing client can visit this page and enter their credentials to navigate to their personalized information page.

The desktop version of the login page features a dark blue header with the Joaquina Dental Clinic logo and a navigation menu. The main content area is white and contains a login form with fields for Email ID and Password, a Login button, and a link for New Customers. Below the form is a footer section with various links and social media icons.

**Joaquina Dental Clinic**

About Us Services Reviews Coupons Contact Login

## Login

Hey There!

Email ID

Password

Login

[New Customer](#)

**DENTAL SERVICES**  
Tooth Extraction  
Orthodontics  
Teeth Cleaning  
Emergency Dental Care

**ADDITIONAL INFO**  
Dental Terms  
Careers  
Our Dentists  
Community Activities

**SPECIAL OFFERS**  
Coupon Codes  
Discount Services  
Teeth Cleaning  
Emergency Dental Care

**CONTACT US**  
Locations  
Chat with an Agent  
FAQ  
Careers

**EMAIL US**  
Email   
Joaquina Dental →

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Login Page on the desktop platform

The mobile version of the login page is designed for a vertical screen. It features a dark blue header with the Joaquina Dental Clinic logo, a hamburger menu icon, and a large white login form. The form includes fields for Email ID and Password, a Login button, and a link for New Customers. Below the form is a footer section with various links and social media icons.

**Joaquina Dental Clinic**

## Login

Hey There!

Email ID

Password

Login

[New Customer](#)

**DENTAL SERVICES** **ADDITIONAL INFO**

Login Page on the phone platform

### Registration page

A new customer can use the “Register Now” button either from the Home page or the Login page to register to our dental services. A welcoming experience has been introduced by means of welcome messages on the page.

The desktop view of the registration page features a dark blue header with the Joaquina Dental Clinic logo and a navigation menu (About Us, Services, Reviews, Coupons, Contact, Login). Below the header, a welcome message reads: "Welcome! Register here and become part of Joaquina Dental family." The registration form includes input fields for Email\_ID, Password, Confirm Password, and SSN, followed by a Register button. A link for "Returning Customer" is also present. Below the form is a light blue footer section with five columns: DENTAL SERVICES (Tooth Extraction, Orthodontics, Teeth Cleaning, Emergency Dental Care), ADDITIONAL INFO (Dental Terms, Careers, Our Dentists, Community Activities), SPECIAL OFFERS (Coupon Codes, Discount Services, Teeth Cleaning, Emergency Dental Care), CONTACT US (Locations, Chat with an Agent, FAQ, Careers), and EMAIL US (Email input field, Joaquina Dental link, social media icons). The footer also contains a copyright notice and payment logos.

*Registration Page on the desktop platform*

The mobile view of the registration page features a dark blue header with the Joaquina Dental Clinic logo, a menu icon, and a hamburger menu icon. The main content area is titled "Register" and includes a welcome message: "Welcome! Register here and become part of Joaquina Dental family." The registration form includes input fields for Email\_ID, Password, Confirm Password, and SSN, followed by a Register button.

*Registration Page on the Phone platform*

## Functionality

All the three pages described above have been designed to be displayed on multiple platforms namely: phone, tablet and desktop.

## Hosting

We have used Microsoft Azure for hosting our website.

**Link to the application:** <http://joaquinadental18.azurewebsites.net/>

Below are the account details to test the application.

**Username:** a.b@c.com

**Password:** qwer

## Tables Used

### Patient

The Patient holds the information of existing patients. It would be used for displaying the patients' details after a particular patient logs in.

### Login

Currently the application is designed in such a way that while registration, only existing patients in the given database would be able to register through the application. The login information of the particular user would be stored in login table on successful registration.

## Entity Framework

We have used the MVC architecture to implement our Entity Framework and work with the relational data.

### MVC Architecture

The MVC architecture separates the application into three logical components as follows:

### Model

This component corresponds to all data related logic like the data that is being transferred between the View and Controller components or any other business logic related data.

### View

This component supports the UI logic of the application.

### Controller

This component acts as an interface between Model and View components to process all the business logic, data manipulation using Model and final output rendering using View.

## Design Elements Implemented

### Golden ratio

Two aside tags have been used to achieve a golden ratio (1.618:1) in the Home page.

### Baby-face bias

The baby-face bias has been implemented in the website logo/mascot “Mr. Toothy”.

### Looking Room

The concept of looking room has been effectively used in the image slideshow of the home page to direct user’s attention to the “Register Now” button.

## Color Palette

We have employed Blue, Yellow and White as the main colors in designing our website.

### Blue

Blue color signifies calmness, trust and coolness. We have used this color to incite a feeling of trust and dependability in our clients.

### Yellow

Yellow signifies joy, happiness and positivity. We have used this color to represent a positive and welcoming image of our website.

### White

White signifies purity, righteousness and light. We have used this color to symbolize our vision and transparency of our services.



## Design Persona

“Mr. Toothy”, the mascot of our dental clinic is extremely warm and witty. He welcomes the clients with a happy welcome message and stays with them throughout the process of scheduling an appointment with occasional remarks filled with wit and humor.

## Responsiveness Strategy

### Media Query

We have used “Media Queries” to achieve responsiveness in our website design. It uses @media rule to include a block of properties only if a certain condition is true.