

A
Report
On

“punjabi-resturant.com”

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**Cégep de la Gaspésie
et des Îles**

CÉGEP DE LA GASPÉSIE ET DES ÎLES, MONTREAL

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Introduction

The main purpose of the “punjabiresturant.com” project is to help Punjabi Restaurant Incorporated to transition from a pen and paper-based information management system to a digital information management system. Punjabi Restaurant Incorporated is a small scale business located in the Lasalle region of Montreal city. The company operates a small restaurant since the 1990’s and provides authentic Indian meals to its customer. In the recent years, the company has expanded its menu to cater to the needs of the other immigrant communities like Italian and Mexican communities. But the management is unable to stop the decrease in the revenue generated by the restaurant. The management believes that the implementation of the new digital information management system will help to improve the efficiency of the workers while attracting more customers towards the outlet.

Main Problems

The revenue generated by the Punjabi Restaurant Incorporated has decreased in the recent years. There are a number of different factors that have contributed to the problem. The main factors that are responsible for the decreased sale at Punjabi Restaurant Incorporated are given below

- **Lack of online presence:** The restaurant has no online presence which makes it difficult for the customers for the customers to access information regarding the restaurant. The patrons have to visit the restaurant in order to view the menu which wastes their time and resources. As a result, the patrons prefer to go to restaurants with online presence after checking their menu on the internet.
- **Inflexible business practices:** The restaurant is unable to add new dishes to its menu or change the specifications or price of the existing menu items due to the significant costs

associated with making changes into the paper based system. As a result, the company is not able to compete with other businesses.

- **Miscommunication:** The use of pen and paper based system causes confusion regarding the actual price of the dishes or other information regarding the restaurant. This miscommunication leads to frustrated customers and is responsible for the loss of revenue in the last few years.

Features of the website

The new website of the Punjabi Restaurant Incorporated allows the customers to view information about the restaurant in real time using the website. The customers will be able to view information regarding the opening and closing time of the restaurant along with the contact information. The patrons will also be able to view information regarding the menu of the restaurant along with the prices. This will help to increase awareness about the service provided by Punjabi Restaurant Incorporated and increase the revenue generated by the company.

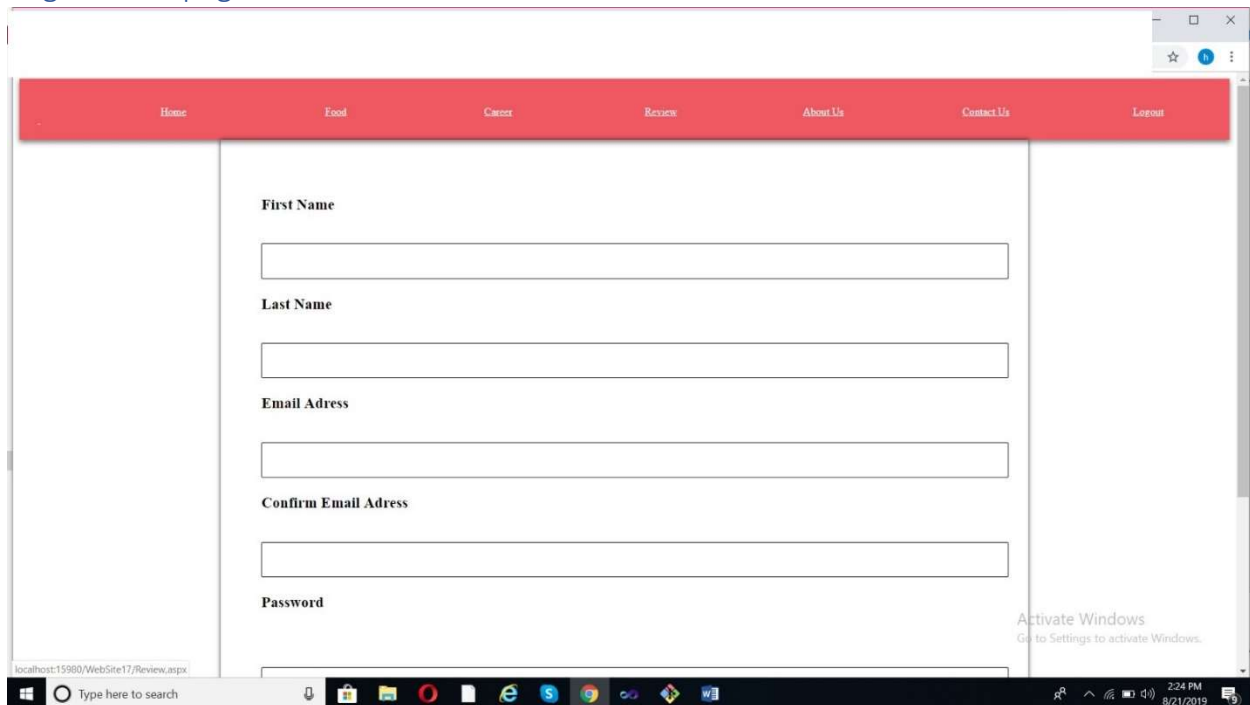
The new website will also allow the customers to post reviews about their experience on the website. This will allow the management of the Punjabi Restaurant Incorporated to collect information about the customer experience and use this information to improve their services. This will allow the Punjabi Restaurant Incorporated to gain a competitive edge over other restaurants.

Technologies Used and their Advantages

- **HTML:** The full form of HTML is Hypertext Markup Language and this programming language is used to display digital documents with the help of a browser. HTML allows the browsers to properly render the information that is received from the web server and display the information to the users. The HTML language was used during the development of this website because it allows the developer to develop a website that is compatible with all browsers that are available to the users.
- **CSS:** The full form of CSS is Cascading Style Sheets and this programming language is used to change the presentation of the information that is stored in the HTML files. The main aim of using CSS language is to separate the presentation of a web page from the content of the webpage. The use of the CSS language allows the programmers to decrease the complexity of the program. The use of the Cascading Style Sheets also helps to improve the code reusability and flexibility of the program.
- **C#:** C# is a programming language developed by Microsoft to allow the programmers to create dynamic web pages. The C# language was used to develop the backend part of the new website for the Punjabi Restaurant Incorporated.
- **SQL:** The full form of SQL is Structured Query Language and this language is used to manage data stored in the RDMS systems. This software was used to manage the databases that will store the information regarding the Punjabi Restaurant Incorporated and its business operations.
- **ASPX:** It is a backend web application framework which can be used to transfer data between the server and the dynamic web pages. This software was used in this website to convert static web pages into dynamic web pages.

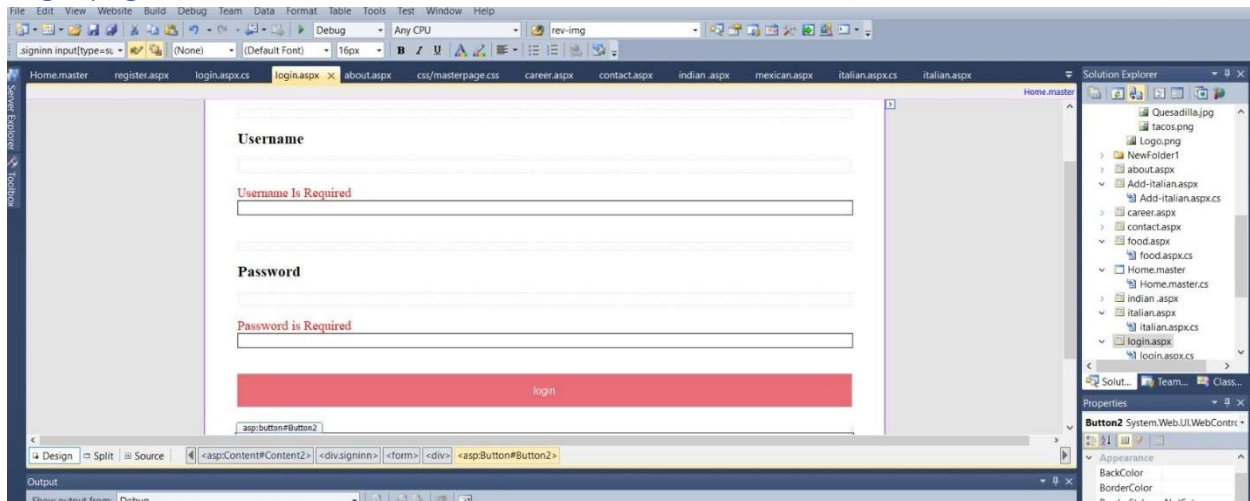
Screenshots of the website

Registration page



A screenshot of a web browser displaying a registration page. The page has a red navigation bar at the top with links: Home, Food, Career, Review, About Us, Contact Us, and Logout. The main content area contains a registration form with the following fields: First Name, Last Name, Email Address, Confirm Email Address, and Password. Each field is represented by a white rectangular input box. The browser's address bar shows the URL 'localhost:15980/WebSite17/Review.aspx'. The Windows taskbar is visible at the bottom, showing the time as 2:24 PM on 8/21/2019.

Login page

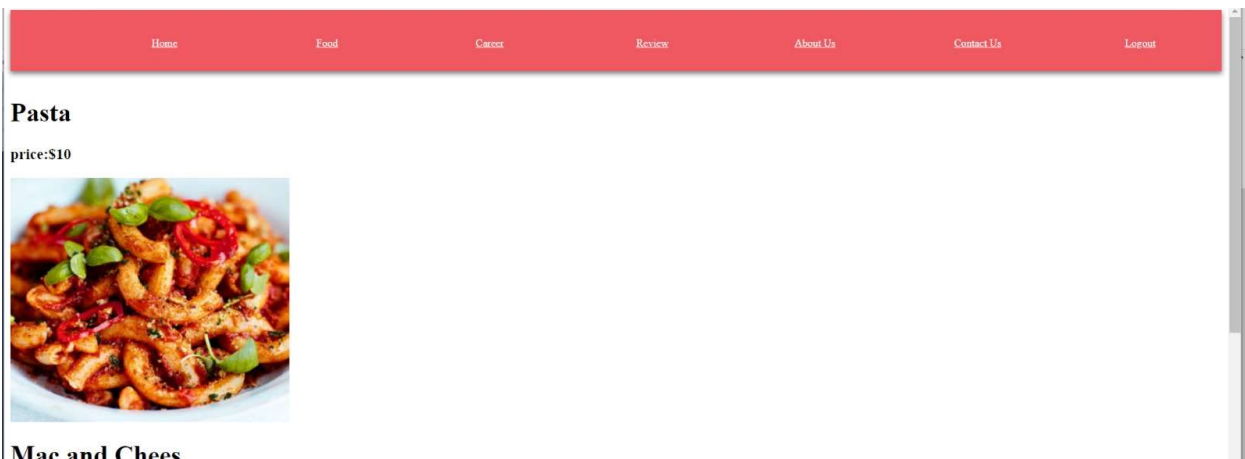


A screenshot of a Visual Studio IDE showing the login page. The page has a white background with a red navigation bar at the top. The main content area contains a login form with the following fields: Username, Password, and a red 'login' button. The form also displays error messages: 'Username is Required' and 'Password is Required'. The Visual Studio interface includes a Solution Explorer on the right showing the project structure, a Properties window at the bottom right, and a status bar at the bottom.

Foods

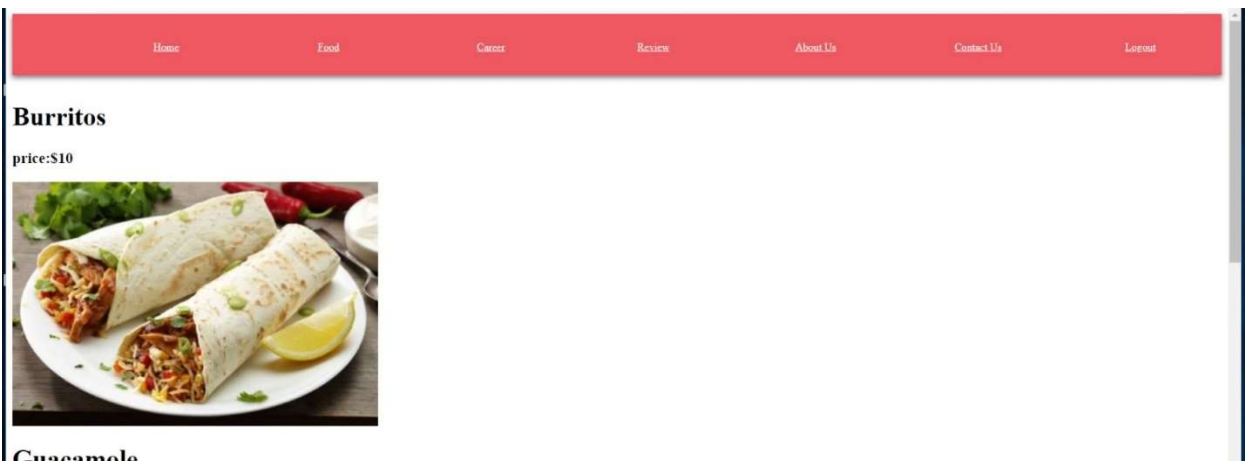


Italian foods



Mac and Chees

Mexican foods




Guacamole

Indian Foods

[Home](#)[Food](#)[Career](#)[Review](#)[About Us](#)[Contact Us](#)[Logout](#)

Butter Chicken

price:\$10



Daal Makhni

Contact Us

[Home](#)[Food](#)[Career](#)[Review](#)[About Us](#)[Contact Us](#)[Logout](#)

Contact Us

You can contact us on +1-514-550-1234 or +1-514-550-5678 in order to order food for delivery or arrange for pickup. Patrons can also call +1-514-550-1235 for general inquiry and +1-514-550-1236 for reservations. The address of the restaurant is 64.3E Avenue Lasalle (H3G 1B3) . The opening Hours of the restaurant are given below • Monday: 12:00pm – 10:00pm • Tuesday: 12:00pm – 10:00pm • Wednesday: 12:00pm – 10:00pm • Thursday: 12:00pm – 10:00pm • Friday: 12:00pm – 12:00am • Saturday: 12:00pm – 12:00am • Sunday: 12:00pm – 10:00pm Important Information regarding delivery and Pickup The minimum amount for delivery and pickup is given below Minimum bill for food delivery: CAD \$ 15.00 Minimum bill for pickup: CAD \$ 10.00

About Us

[Home](#)[Food](#)[Career](#)[Review](#)[About Us](#)[Contact Us](#)[Logout](#)

About Us

Punjabi Restaurant Incorporated provides homemade meals to its patrons in a relaxing and calm environment. The chefs at the restaurant believe that cooking is an art and they create the best dishes to satisfy the appetite of our patrons. The restaurant is open on every day of the week in order to better serve our customers. The restaurant can accommodate up to 50 people which allows our patrons to host dinner parties and other small functions in the restaurant. The restaurant was established in the 1990's and we aspire to live up to our excellent reputation every single day.

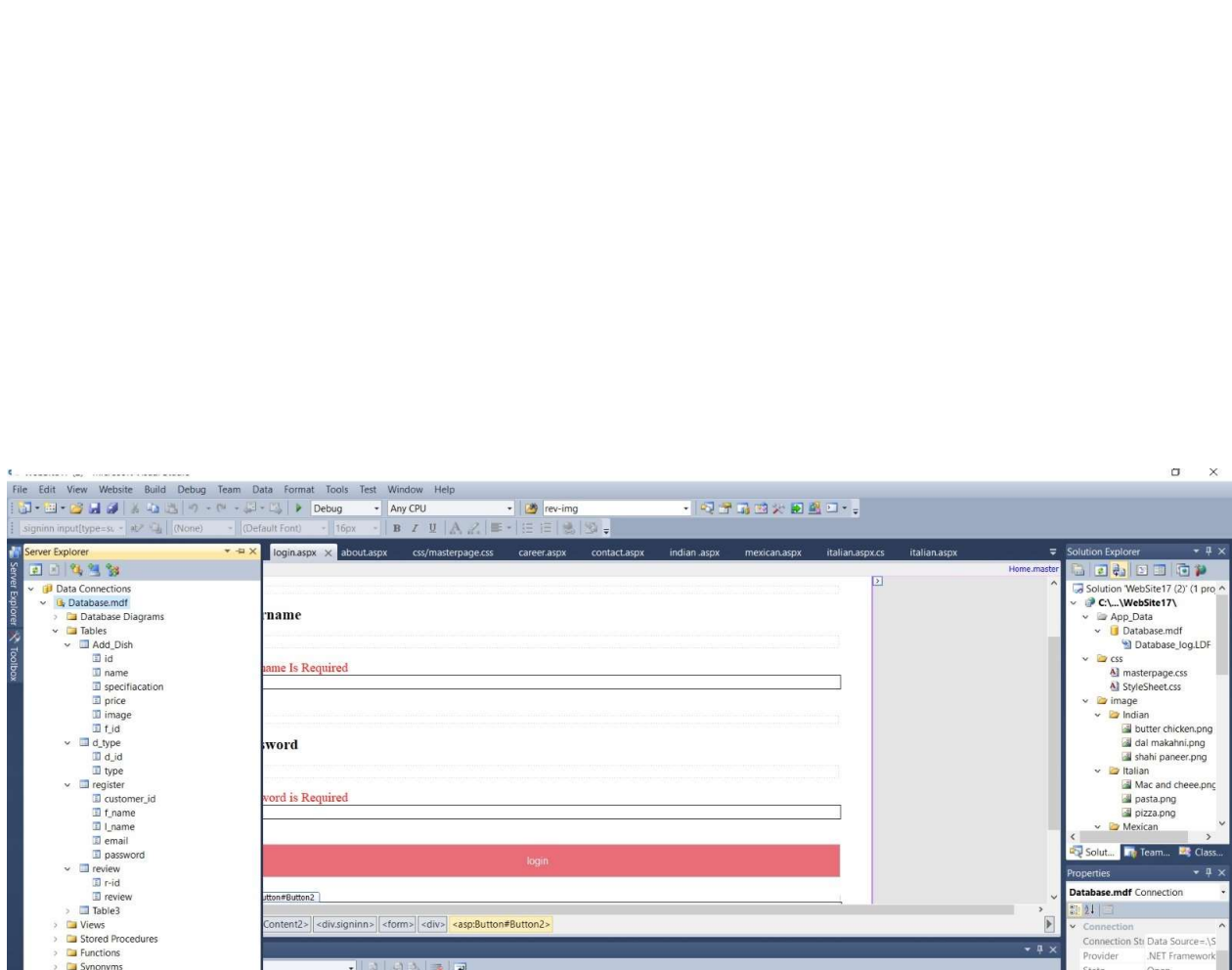
Reviews

[Home](#) [Food](#) [Career](#) [Review](#) [About Us](#) [Contact Us](#) [Logout](#)

Review

Submit

Database



Future Scope

The additional features that will be added to the website of Punjabi Restaurant Incorporated are given below

- The users will be able to order food from the website.
- The users will be able to pay for the food from the website.
- The users will be able to rate individual dishes.
- Bootstrap will be used to create dynamic website that can be used on any device (Mobile, tablet and computer)