

Attila's Restaurant

Background/Objective:

The team's idea is to develop a web site for a restaurant. The team has found that a lot of restaurants lack a good user interface for customers, and it can hinder a person's overall experience by making functionalities such as ordering more accessible. There is also a lack of communication between customers and restaurant services regarding the timeline for ordering that needs to be improved. As a team of three, we have limited our idea to get the orders online for takeout and the customers will pay at the restaurant while picking up the order at provided timing by the restaurant which in turn can save a customer's time.

Scope:

The team's goal for this project is to make a user-friendly website for a restaurant where customers can order online, get home delivery or pick up the food from restaurant at given time after the placement of order. The team will include a home page, a contact us page, a menu page where the customers can add food to the cart and order, a photo page where customers can see some of our dishes, a registration page for customers, a my order page with all the orders that were added by the customer, and a locations page where customers can find our nearest location. The team also expects to finish this by a December deadline.

Features:

Features	Description	Core/Extra
Home Page	<ul style="list-style-type: none">a. About the restaurantb. A video of making a dishc. Sanitary Inspection and Food Protection Certificatesd. Login Button and Registration Button<ul style="list-style-type: none">i. My Order tab appears after login (Shows past order history)ii. My Cart (Shows current order status)e. Tab for Menu page, Contact Us Page will appear on all pages	Core
Contact Us Page	<ul style="list-style-type: none">a. Phone Numbers	Core

	<ul style="list-style-type: none"> b. Location Details c. A form for complaint <ul style="list-style-type: none"> i. stored in backend 	
Menu Page	<p>Customer should select items and quantity of the items from the menu page which in turn gets added to the cart. Each and every item in the menu contains the “ADD” button and Quantity increase or decrease button with quantity display textbox.</p> <p>“Done button” at the end will redirect the customer directly to his cart.</p> <p>Also “My Cart” button on menu page can directly accessed by customer.</p> <p>“Continue ordering” button on My Cart page will redirect to menu page</p> <p>Menu page will contain data similar to this with their multiple variations:</p> <ul style="list-style-type: none"> a. Appetizers b. Vegetarian Curries c. Non Vegetarian Curries d. Breads e. Beverages f. Rice g. Dessert 	Core
Registration Page	<ul style="list-style-type: none"> a. Username b. Email c. Password d. Address e. Phone Number f. Credit card (w/o security validation) <p>*stored in backend</p>	Core
My Orders page	<ul style="list-style-type: none"> a. Cust id b. Order number c. Menu item d. Quantity e. Total amount paid 	Core
My Cart Page	<ul style="list-style-type: none"> a. Current orders state with total amount 	Core

	<ul style="list-style-type: none"> b. Delivery option (including home delivery/pick up) <ul style="list-style-type: none"> i. If home delivery (delivery charges and time of delivery) ii. If pick up (Time of pick up) c. Payment Option d. Submit Button e. Continue ordering (redirects to menu page) 	
Card/Cash Payments without validation	a. Implementation of security algorithms for validating credit cards details	Extra
Locations	a. This will show our current locations in a map	Extra
Photos Page	<ul style="list-style-type: none"> a. Photos of the restaurant b. Photos of some Dishes 	Extra
Customer Review	<ul style="list-style-type: none"> a. Twitter / facebook integration b. Posting review on website directly 	Extra
Rewards, Discounts and Referrals	<ul style="list-style-type: none"> a) Check if customer is existing or new <ul style="list-style-type: none"> i) If new <ul style="list-style-type: none"> Give 15 % discount on first order with coupon code which is randomly generated ii) If existing <ul style="list-style-type: none"> 1. Check the number of orders for customer <ul style="list-style-type: none"> 1.1) If number of orders is more than 5 then add reward points or give 6 th order free 1.2)For reward points we can think like for each 10 \$ (min order for home delivery) and 5\$ (min order for pick up) customer will get 20 points 1.3) If he has done 5 orders or completed 100 points then <ul style="list-style-type: none"> 1.1.3.1) Add 10\$ OFF for next order b) Check the referrals count by customer <ul style="list-style-type: none"> i) Each time customer makes order give him a referral link of website which he can send to others for promotion ii) Count distinct referrals that register account where they put customer reference on registration page iii) For each distinct referral customer gets 50 points iv) And thus on 100 points he gets 10\$ off on next order 	Extra

Conclusion/Expected Results:

The team has decided to integrate all the above core functions and implement most of the extra functions if there is enough time. The team will have a login system, AJAX form submissions and error checking, code that will be organized in modules, and a single configuration file that will store configuration setting.