

Assignment 1: Food Ordering System

Due Date: June 26, 2020, 11:59PM

Marks: 70

With the recent situation due to covid-19, a lot of businesses have suffered a setback in the way they conduct their business normally. One type of businesses affected by the restrictions is the food industry as normal dine-in operations remain suspended all over the province. This means the restaurant industry has had to adapt and provide alternate ways to allow customers to place orders.

The Food Ordering System is a hosted solution that allows restaurants to take orders from customers by allowing restaurants to sign up on the site and create a menu. Once the restaurant has signed up and uploaded their menus, they will be able to forward their customers to a dedicated web link where they can view the menu, create an order and submit the form. The restaurants will be able to view these orders on their member area on the Food Ordering System and provide the status of the order which will be sent as an email notification to the customer who have placed the orders.

The Food Ordering System consists of two major components: the restaurant content management system and the customer ordering system. For the purpose of this course, we will only be working on the restaurant content management system and you may choose to implement the remaining part as a continuing project for your own portfolio.

Features

Home Page:

The home page should also have information about what the system is about and how the website can help them.

The home page consists of sign in box which takes an email and password. If the restaurant already has an account, they should be able to use their email and password to log in. If they do not have an account, they can create an account by clicking the link "Register for an account" which takes them to the "Register Page".

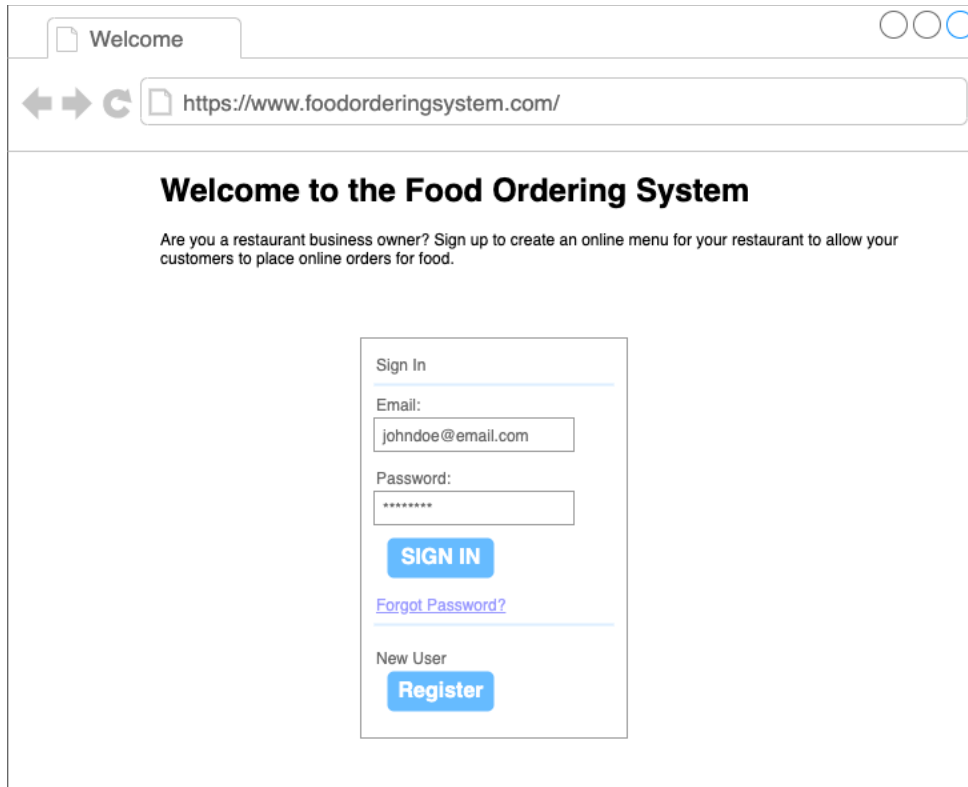


Figure 1 Home Page

Register Page:

The register page consists of a form that takes in details about the restaurant and consists of the following details:

- i. Name of the restaurant (required)
- ii. Address of the restaurant (required)
- iii. Telephone number (required, Canada phone format)
- iv. Email address (required, unique, correct email format)
- v. Password (Required, at least 8 characters)
- vi. Confirm Password (Required, should match chosen password)
- vii. Short restaurant description (optional)
- viii. Type of cuisine (optional, dropdown)
- ix. Submit and reset buttons.

The form should validate the data entered into the form and provide user with useful error messages. The user should be able to see all the errors at once. Once the user submits the form and registration is successful, the user should be redirected to the home page to log in.

Welcome

https://www.foodorderingsystem.com/register

Register for an account

Are you a restaurant business owner? Sign up to create an online menu for your restaurant to allow your customers to place online orders for food.

Restaurant Name * XYZ Restaurant

Address *

Telephone Number * 999-999-9999

Email Address * johndoe@email.co

Password * *****

Confirm Password * *****

Description

Cuisine Chinese

Register

(Sample errors)

- Email address is not valid
- Phone number should be in the format xxx-xxx-xxxx
- Restaurant name is required
- Passwords do not match

Figure 2 Register

Member Area (Dashboard):

In the Dashboard, a restaurant should be able to view and manage existing orders (implementation of ordering system not in scope for this course). Use array named **orders** in **sampladata.js** file to populate the table for today's orders.

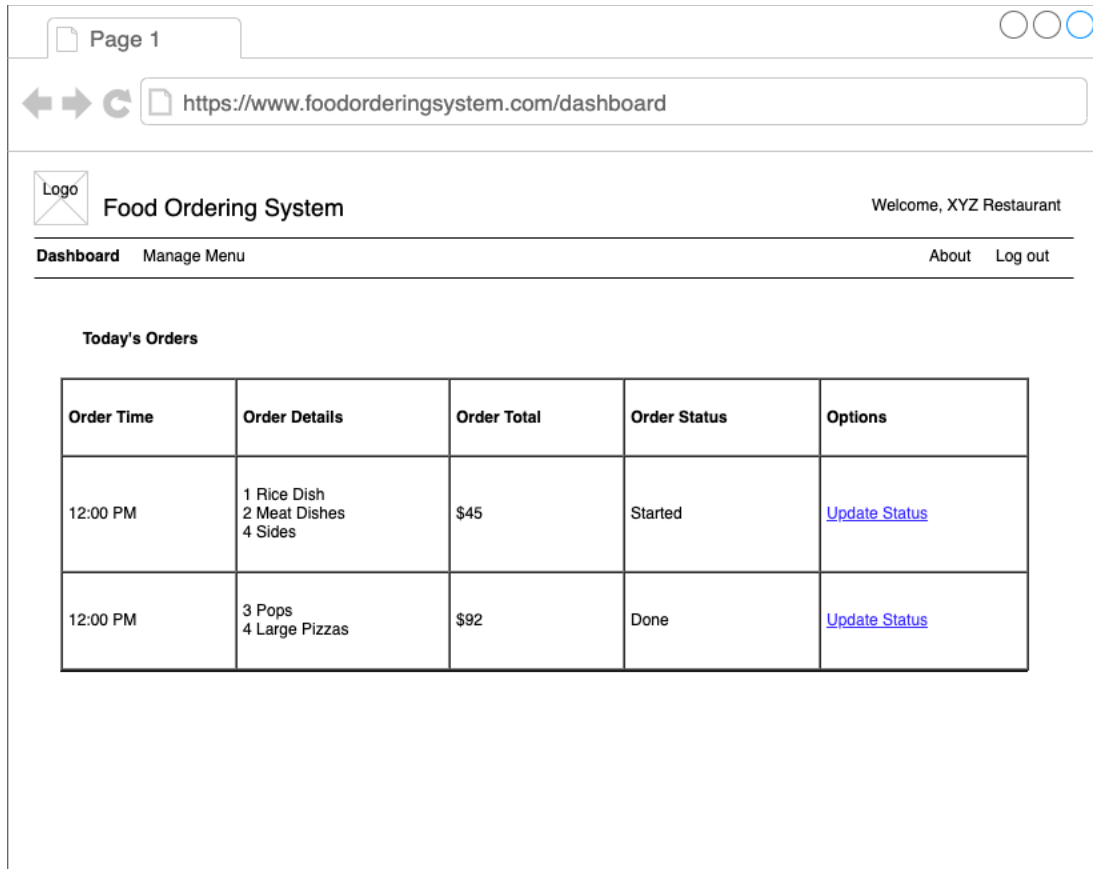


Figure 3 Dashboard

Manage Menu:

In the Menu management area, the user should be able to do the following:

- i. [Add an item on the menu](#). This takes them to a page where you can add an item to the menu using a web form. Menu Items have the following details:
 - a) Name of the item (required)
 - b) Description of the item (optional)
 - c) Price of the item (required, number)
 - d) Availability of the item (Drop down options "Available" and "Not Available")
 - e) Submit the form


After the form is submitted, the user is taken back to the Manage Menu page

- ii. [View Existing Menu](#). This is a well formatted list of menu items with their descriptions and price. The user should be able to click an existing menu item which takes them to a web form for editing an existing menu item. The user should be able to edit all the details of the menu item. There should be "Delete" option next to each menu item which would enable the user to remove a menu

item from the menu. You do not need to implement the delete and edit functionality for this assignment. Use array named **menu** in **sampledata.js** file to render the menu.

Page 1

https://www.foodorderingsystem.com/menu

 **Food Ordering System**

Welcome, XYZ Restaurant

Dashboard **Manage Menu**

About Log out

Item Number	Name	Description	Price	Options
1	Egg Roll (1 pc)	One roll per order. Includes plum sauce. (150 Cals)	\$1.49	Edit Delete
2	Golden Fried Chicken Wings	Includes lemon wedge. (1410 Cals)	\$10.99	Edit Delete
3	Golden Fried Wontons	Includes sweet and sour sauce. (920 Cals)	\$4.99	Edit Delete
4	Honey Garlic Chicken Wings	Savoury honey garlic wings. (1430 Cals)	\$11.99	Edit Delete

+ Add a Menu Item

Figure 4 Menu Management

Header

Each page consists of a header that has branding for The Food Ordering System, navigation links to the following: Dashboard, About, Log Out. Also include a link to the form to update the restaurant details entered at the time of registration.

Milestones:

These milestones are meant to be a guide for to manage your deliverables. You are expected to show progress in the weekly meetings and present any reasons for not being able to reach the milestones. You will, however, not be marked for the milestones and will only be marked for the deliverables.

Timeline	Milestone
Week 1	Form Groups
Week 2	Choose Tools. How will you manage the project? How will you manage the code? Have you assessed the strengths of your teammates?
Week 3	Create HTML Pages and CSS
Week 4	Add JS Validations to forms
Week 5	Wrap up, bonus features, testing
Week 6	Submission and presentation

Deliverables:

For assignment 1 deliverables, we will be focusing on front-end aspects of the system. Follow the scheme below to manage your deliverables:

Deliverable	Details	marks
1. Home Page	1.1 Home Page consists welcome message, Sign In form, Register button.	4
	1.2 Sign in form consists of Email address field, password and submit button	3
	1.3 Register button that links to new user registration page	1

2. Register Page	2.1 Register Form consists of the following fields i. Name of the restaurant (required) ii. Address of the restaurant (required) iii. Telephone number (required, Canada phone format) iv. Email address (required, unique, correct email format) v. Password (Required, at least 8 characters) vi. Confirm Password (Required, should match chosen password) vii. Short restaurant description (optional) viii. Type of cuisine (optional, dropdown) ix. submit button	10
	2.2 Following validation checks implemented: i. All required fields are filled ii. Telephone number is validated using regular expressions, in an acceptable canadian phone number format iii. Valid Email address iv. Password length minimum of 8 characters and match with confirm password field	8
	2.3 Error messages when validations fail	4
3. Dashboard	3.1 Display table of current orders by looping through the sample data array provided	4
4. Menu Management	4.1 Display a table of menu items using the sample menu array provided	4
	4.2 Button with a link to a form to add a new menu item	1
	4.3 Add a new Menu Item page with the following form fields i) Name of the item (required) ii) Description of the item (optional) iii) Price of the item (required, number) iv) Availability of the item (Drop down options "Available" and "Not Available") v) Submit the form	5
	4.4 Appropriate validation checks implemented for each field	5
	4.5 Error Messages on incorrect validation	4

5. Header	5.1 Navigation bar to easily navigate between pages on the site	3
	5.2 log out button (does not need to be functional)	1
	5.3 Appropriate branding and static text to help users understand the purpose of the site	3
6. Style	6.1 Follow the Conestoga coding standards	3
	6.2 No errors in console	2
	6.3 External js and css files	2
7. Submission	7.1 Zip archive including all required files to run the website submitted on econestoga	3
	Total	70

Bonus Points

There are plenty of opportunities for discretionary bonus marks for interesting and useful features.

Submission

To submit this assignment, place all of your work into a single folder. Zip this folder and submit the zipped file to eConestoga. No cover sheet is required for this assignment. A good way to make sure everything is correct is to unzip the file you are submitting on a different location on your computer and making sure everything works.