

WEB322 Assignment 6

Submission Deadline:

Friday, December 10th, 2021 @ 11:59 PM

Assessment Weight:

9% of your final course Grade

Notes for the Student: This Project corresponds to Assignment 4 and 5 and is a continuation of the work you have already completed in Assignments 1, 2 and 3.

Background: You will need to have access to an IDE or text editor and have a thorough understanding of Node.js, Express, Git, Heroku, PostgreSQL, sequelize and pg.

Assignment Submission Requirements

- Submit the link of your hosted Heroku project in Blackboard.
- Submit a zipped folder on Blackboard containing only the html, js and css files. (Please do not include node_modules and git folder)

Assignment Regulations

- This assignment must be done individually.
- Please review Seneca's policies on Academic Integrity, specifically:

"Each student should be aware of the College's policy regarding Cheating and Plagiarism. Seneca's Academic Policy will be strictly enforced. To support academic honesty at Seneca College, all work submitted by students may be reviewed for authenticity and originality, utilizing software tools and third party services. Please visit the Academic Honesty site on <http://library.senecacollege.ca> for further information regarding cheating and plagiarism policies and procedures.

. Thus, ensure that your code or any part of it is not duplicated by another student(s). This will result in a percentage of zero (0%) assigned to all parties involved.

Technical Requirements

- All back-end functionality MUST be done using Node JS and Express.
- Your views MUST be created with Express-Handlebars
- You must use postgre as your database engine

Detailed App Specification

This assignment is a continuation of assignment 5 thus all the requirements for this assignment is to be made "on top" of your assignment 5.

Updated Authentication Module

You have already created an authentication module for your previous assignment. You are now required to implement the following updates to it:

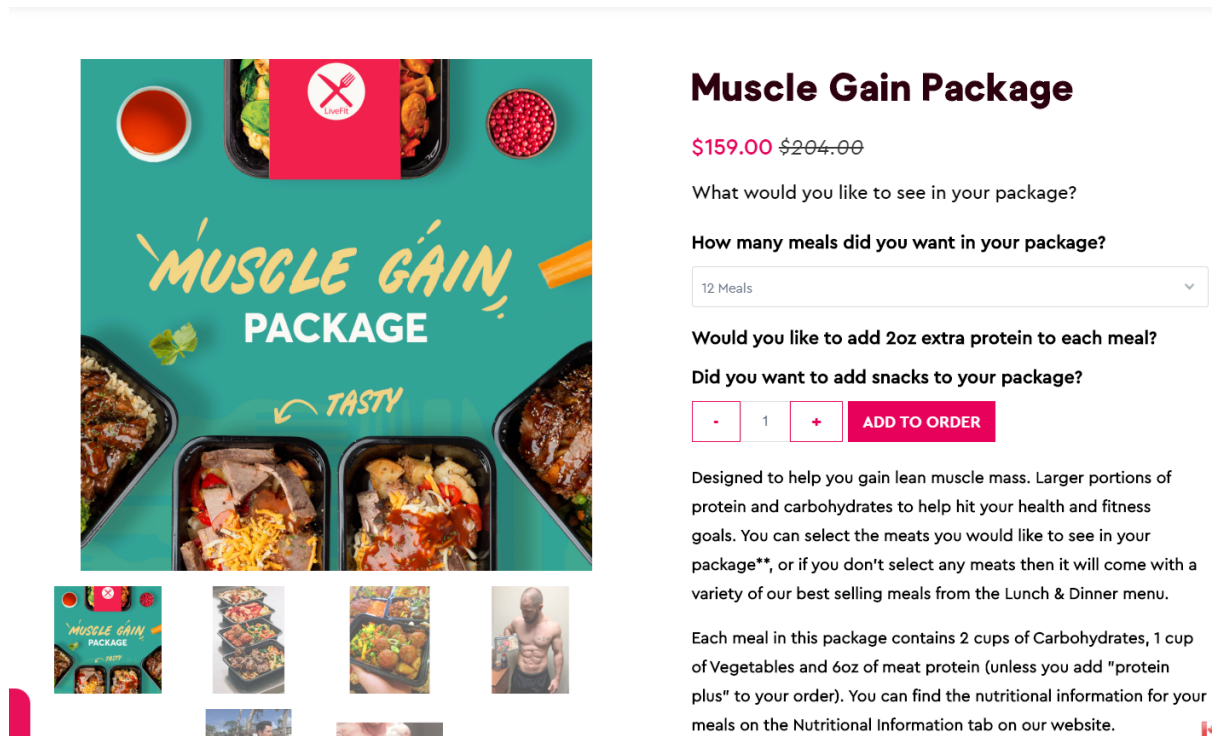
- Your application must allow the Data Entry Clerk and customers to **log-in via the login form.**
- Upon a successful authentication(entering an email and password pair that exists in the database) **a session must be created to maintain the user state until they have logged out of the application.**
- Upon successfully authenticating, the application must determine if the person logging in is a data entry clerk or a regular user and will be redirected to their respective dashboard.
- A customer will be directed to a user dashboard and a data entry clerk will be directed to a data entry clerk dashboard.
- Both dashboards, must show the user's name(first name and lastname) and a logout link
- The logout link must destroy the session created when the user initially authenticated.
- Specific routes can only be accessed when users are logged-in, thus those routes must be protected.
- Passwords **must not** be stored in plain text in the database, thus your application must store passwords in an encrypted format. You can use a 3rd party package called [bcryptjs](#) to do the aforementioned.

Meal Package Description Page

Only logged in users should be able to “purchase” meal packages by adding selected meal packages to their shopping cart.

From the meal package listing page, when a user clicks on a particular meal package, they should be navigated to the **Meal Package Description page** of the clicked meal package and from that page they can add the meal package to their shopping cart.

Sample of a Product Description Page Example :



The Meal Package Description page of any meal package should list the following:


- A. Meal Package Image
- B. Meal Package title
- C. Meal Package description
- D. Meal Package price
- E. No of meals within the package
- F. Add to order

When the user clicks the “**Add to order**” button, the given package will be added to the user's shopping Cart.

Shopping Cart Module

The customer's dashboard should have a link to the logged-in user shopping cart . This page must display all the meal packages that were added to the shopping cart and how much of each package was added for the given user. Also, the page should have a “Place your order” button.

See Example




Cart > Information > Shipping > Payment

Express checkout

OR

Contact information



Kadeem Best (kadeembestteachers@gmail.com)

Log out

☒ Keep me up to date on news and exclusive offers

Shipping address

Save address

Use a new address

First name

Last name

Company (optional)

Address

Apartment, suite, etc. (optional)

City

Country/Region

Canada

Province


Alberta

Postal code

Phone

< Return to cart

Continue to shipping



Weight Loss Package

10 / No Thank! / No Thank!

\$145.00

Gift card or discount code

Apply

Subtotal

\$145.00

Shipping

Calculated at next step

Total

CAD \$145.00

When the **“Place your order”** button is pressed, your web application should “clean” your shopping cart, send an email to the logged in user’s email, indicating all the packages purchased and the quantity amount for each meal package purchased as well as the customer’s order total.