

# WEB322 Assignment 4 and 5

## Submission Deadline:

Sunday, October 31st, 2021 @ 11:59 PM

## Assessment Weight:

18% 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 Regulations

- This project 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 **PostgreSQL** as your database engine

## Detailed App Specification

This assignment is a continuation of Assignment 3, thus all the requirements for this assignment is to be made "on top" of your Assignment 1, 2 and 3.

## Assignment 4 (9%)

### User Registration Module

You are required to implement database functionality for your registration page that was previously implemented in Assignment 3 . Thus, when a user fills out the registration form

and then hits the submit button, provided that all the validation criteria were not violated, your website must then create a user account in your database.

**Once the user account is created, your web application must then redirect the user to a dashboard page.**

## Authentication Module

You are required to implement a fully functional authentication module with the following features:

- Your application must allow a user to **log-in via the login form created in Assignment 3.**
- Upon successful authentication, the user must be redirected to their own dashboard. The dashboard should contain a welcome message with the name of the user. You must use Express-Handlebars to add the appropriate user info
- Upon an unsuccessful authentication, the application **must** display an appropriate message (Example: **Sorry, you entered the wrong user and/or password**)

## Assignment 5 (9%)

### Data Entry Clerk Module

You are required to implement a Data Entry Clerk module that allow a data entry clerk to do the following :

1. **Create Meal Packages:** The Data Entry Clerk must be able to add new meal packages to the database. See the following data that must be added when a product is created:
  - a. Meal Package name,
  - b. Meal Package price,
  - c. Meal Package description or details,
  - d. Meal Package food category
  - e. The number of meals inside the package
  - f. Upload a photo of the meal package(to keep the project simple, only upload one image per meal package).
2. Ensure that all created meal packages that were entered into the database are populated on the front-end of the web application, specifically on the meal package listing page that was created in Assignment 2.
3. Ensure that a user can only upload an image, i.e jpgs,gifs,pngs, for the meal package photo.
4. Edit and change meal package details for a selected meal package. Example : price, title etc