

Course: (WEB322) -Web Programming Tools and Frameworks	Assignment 5 of 6	Contribution:9%(each)-30% of course
Instructor: Haytham Qushtom	Date Given: Nov 8, 2021	Date Due: Nov 15, 2021

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

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

Assignment Submission Requirements

- Submit the link of web application to your **new** GitHub
- Submit the link of your **new** hosted Heroku project in Blackboard. Your app name under Heroku should use the following code:

YOUR FIRST NAME+LAST 3 DIGIT OF YOUR STUDENT ID+ASSIGNMENT CODE
Ex. Haytham567A5.herokuapp.com

If you are not following this code, your submission will not be marked.

- If your application is not pushed to GitHub, it will not be marked.
- **If your web application does not function or work on Heroku, it will not be marked.**
- Marks will be deducted for any projects committed to GitHub after the deadline date.

Assignment Regulations

- This project must be done individually.
- You must create a private GitHub repository and add me as a collaborator.
- 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.

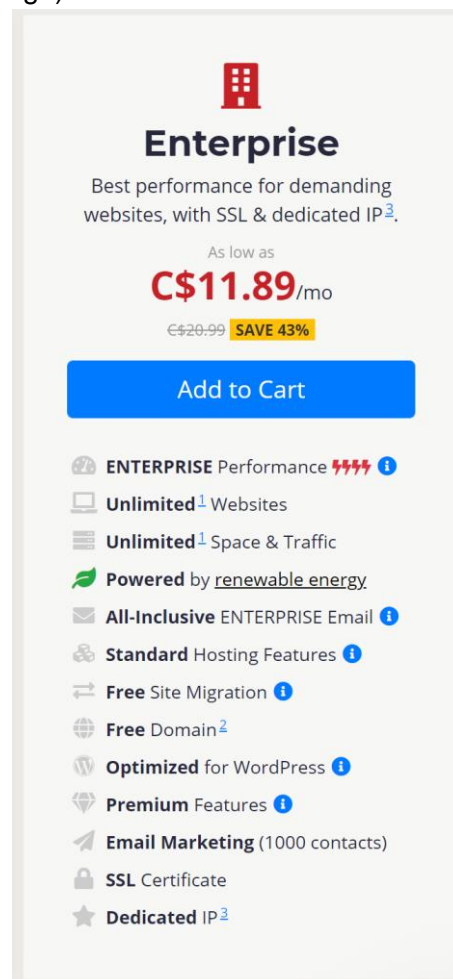
- Your views **MUST** be created with Express-Handlebars
- You can use a CSS Framework such as Bootstrap to make your website responsive and aesthetically pleasing.
- You are **NOT** allowed to use any Front-End JavaScript Frameworks, specifically, **No React, No Angular.**
- You must use Postgres as your database engine

Assignment 5 (9%)

Administrator Module

You are required to implement an Administrator module that allow an Admin to do the following:

1. **Create Plan Packages:** The Admin must be able to add new plan packages to the database. See the following data that must be added when a plan is created:
 - a. Plan name,
 - b. Plan price,
 - c. Plan Package description or details,
 - d. List of all the features for the new plan
 - e. Set Plan package as a “**most popular**” package to be shown on the home page (or not), where only is allowed to make only 1 plan package as a “**most popular**” package.
 - f. Upload an icon for the plan package (to keep the project simple, only upload one image per plan package).



2. Ensure that all created plan packages that were entered into the database are populated on the front-end of the web application.

Please note, a visitor to the web application does not need to be logged in to view the plan packages that were created by the Admin.

3. Ensure that the Admin can only upload an image jpgs, gifs, pngs, for the plan package photo.
4. View a list of all created plan packages.
5. The Admin able to edit the selected plan package. Example: price, title etc.

REMINDER:

- **no late submissions will be accepted.**

Assignment 5 Rubric

Criteria	Not Implemented 0	Partially Implemented 0.5	Fully Implemented 1.5
Administrator Module <ul style="list-style-type: none">• The Admin can create plan packages with all the necessary data• The Admin can upload a photo for a plan package• Only image can be uploaded as a photo.• All plan packages created are populated on the Front-End of the website.• Plan packages that are set as most popular plan package is rendered in the appropriate section on the home page.• The admin can edit the details of all the created plan packages			

Total : 9 MARKS

THE END