

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

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, Cyclic), and **MongoDB**.

Assignment Submission Requirements

- Submit the link of web application to your **new** GitHub
- Submit the link of your **new** hosted Cyclic project in Blackboard.
- If your application is not pushed to GitHub, it will not be marked.
- **If your web application does not function or work on Cyclic, 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 **MongoDB** 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. **Insert an Article:** The Admin must be able to add new article to the database. See the following data that must be added when an article is created:
 - a. Title,
 - b. Created date,
 - c. Content,
 - d. Name of the main image
 - i. Upload the image to the file system
2. The Admin able to edit all the created articles that were inserted into the database.
Please note, a visitor to the web application does not need to be logged in to view the articles that were created by the Admin.
3. Ensure that the Admin can only upload an image jpgs, gifs, pngs.
4. View a list of all created articles

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 article with all the necessary data• The Admin can upload a photo for an article• Only image can be uploaded as a photo.• All the articles are viewed from the database.• The admin can edit the details of all the created articles			

Total : 9 MARKS

THE END