

SE 4200: Web Application Development II

Assignment: Node.js

Requirements

Web Service

- Create a simple, RESTful HTTP web service using JavaScript and Node.js (without frameworks):
 - Define a simple resource with several attributes.
 - Create a basic router to recognize defined method/path actions.
 - Create an in-memory data store to persist resource records (an array of objects, for example).
 - Implement an index action for your resource which returns data in JSON format.
 - Implement a create action for your resource which accepts data in query string format.
 - Implement Not Found responses for all other requests.
 - Conform to proper HTTP and REST standards across the application.
 - Keep your implementation clean by organizing request handlers into functions.

Documentation

- The following items should be clearly detailed and documented in the `README.md` within your Git repository:
 - The name of your resource, and the name of each of its attributes.
 - All REST endpoints implemented by your web service. Include the name, HTTP method, and path for each.
- Use [Markdown](#) to structure and style the content within your `README.md`.

Resources

- Use [this article](#) to guide your implementation.

Submission

1. Submit your project using Git and GitHub. Start by creating a repo for this assignment [here](#).
2. Show your completed assignment to the instructor during class or office hours to receive credit.