

SE 4200: Web Application Development II

Assignment: Express + MongoDB

Requirements

Web Service

- Create a RESTful HTTP web service using JavaScript, the Express framework, and MongoDB.
 - Define a simple resource for your application with several attributes.
 - Using Express, implement the following endpoints by defining a route for each with a request handler function:
 - Retrieve resource collection which returns data in JSON format.
 - Create resource member which accepts data in URL-encoded or JSON format.
 - Use MongoDB and the Mongoose ODM to persist and read resource records:
 - Define a Mongoose model and schema for your resource.
 - Use the appropriate model methods to save and read documents to and from MongoDB.
 - Conform to proper HTTP and REST standards across the application.

Documentation

- The following items should be clearly but concisely 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. For each, include a description and the HTTP method & path.
- Use [Markdown](#) to structure and style the content within your `README.md`.

Resources

- [Express Documentation](#)
- [MongoDB Shell Documentation](#)
- [Mongoose Documentation](#)

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.