Discussion Board Project

# Introduction

Throughout this module, as groups, you will be will be working on one particular project, this project is designed to bring the separate modules that you are learning together into one system.

After each section, you may be asked to work towards completing this project, at the end of the week, you will have a complete Backend built in Node.

We will only be creating the Back End for the project and will not be concerned with building the Front End.

# Premise

This is a simple Discussion Board Project that is split into 2 logical parts, one part, concerned with handling users, is out of the scope for this Project. The other part is handling the items that a user can post to the discussion board.

An item will initially take the following form, though this will be expanded later.

*{*

*“username”:”Sample Username”,*

*“content”:”This is sample content”*

*}*

As you can see it includes the name of the user that posted the item, as well as the content of the item.

The application you build needs to be able to perform CRUD functionality on these items.

# Structure

The project will be split into multiple logical sections, they are as follows:

1. Adding Express into the application so that it becomes a RESTful application, also handling items and storing them in a JS Array.
2. Adding Mongoose to the application so that the data is persisted in a mongodb.
3. Adding Validator to the application to provide server-side validation.
4. Adding bcrypt to the application to ensure data remains secure.