

COM644 Full Stack Web and App Development

Week 5 Challenge

Aim: Analyse a MongoDB collection for inconsistencies and update the collection as required; add new routes and controllers to an application.

Description:

The **businessDB** database we have been working with for our sample application contains a field **review_count** for each business, as well as an array of **review** objects. However, this information is not always consistent and the **review_count** value does not always match the actual number of reviews. Your task is to identify **review_count** values that need to be changed and to perform the update.

Note:

You should work with the version of the application at the end of **Practical B3** – as this is currently the latest fully-working version of the application. This means that you are using the native MongoDB driver rather than Mongoose.

Part 1 – Create a route to check the **review_count** values for consistency

- a. Add a new route **GET /checkReviews** that invokes a new controller **checkReviews()**. The new controller can be located in the **businesses.controllers.js** file.
- b. Implement the new **checkReviews()** controller so that it loops across all documents in the **business** collection and generates output in the browser, such as that shown below, that identifies all documents where the number of elements in the **reviews** collection does not match the **review_count** value.

