Homework 3

Set-up

Download the starter file provided on canvas under Homework Three. Unzip the files and save them in your directory of choice. Open the “Homework3” folder in your code editor of choice. Use the terminal in your code editor to type the following commands. (Alternatively use the terminal, however, navigate to “homework3” folder before typing the following commands.)

```
npm install
```

Follow the steps from the MongoDB lab to create a MongoDB Atlas project, copy the connection link and paste it in the line where we have mongoose. connect. Start the app by typing:

```
npm start.
```

Navigate to GitHub on your browser of choice and create a new repository without a README. Follow the procedure highlighted in the first assignment to commit the current state of the project and push the changes.

Exercise.

Section 1 - observations

1. Go through the given starter applications and familiarize yourself with the given code. Major points of interest are the app.js, and each of the files in the model, controller and router folders.

Section 2 - Problem statement and database modelling.

1. You are required to code the API for the Keeper App clone. The standard keeper app has a great deal of functionality that is totally repetitive on the core principles we will be implementing in this assignment. However, due to time constraints, your keeper app will stick to having notes, where a Note is an object with a Title and Body.
2. Using the above-given description head to Model/noteModel.js and make the Schema for the Note. Remember every object has an ID field identified as _id, however, you do not explicitly add it to your Schema. MongoDB does the heavy

lifting and assigns unique ids to all your objects unless you specify the field which is neither advisable nor efficient.

Section 3 - Understanding and Building the REST API functions

1. Complete the functions in the Controller/noteController.js to ensure your application conforms to the following simplified API documentation.

2. I have also added comments that without the documentation you could still complete the work. Take a close look at each function and relate it to the functions we wrote in World News API for hints on how to implement them.

Test and Deploy your API to Heroku and submit the link.

Happy Coding!