TopBlogger -- Implement OAuth2 for Node API

Deployment Guide

Revision History

Author	Revision Number	Date
TCCODER	1.0	2015-03-25

1.   Organization of Submission

The submission structure is as follows:

Folder	Description
docs/	Contains documentation.
api/	Contains the source code of the api module.
web/	Contains the source code of the web module.
.gitignore	Git ignore file.
.jshintrc	JSHint config file.
readme.md	Readme file.
swagger.yaml	Swagger API spec.

Additionally there is a video of the solution in action which is not included in the submission for file size reasons but is available here:

Link

2.   Application Setup

The application requires:
*   **Node.js**
*   **NPM**
*   **Mongo DB**

You need to have those installed to run the application locally. For how to install them see the corresponding guides.

3.   Deployment Instructions

*   **Local deployment**
    1.   To deploy locally copy the submission.zip to some folder and extract it. This will provide the source code in the folder.
    2.   Run **npm install** inside the api folder to install all node modules needed by the application.

4.   Starting

The application can be started when in the api folder via:

   [sudo] npm start

5. Environment variables

To be able to work on different operating systems and Heroku the application uses environment variables for configuration. They are read from the .env file. So set them as needed before starting the app. Depending on your OS look at the corresponding documentation of how to set environment variables.

The table bellow describes the name/value for those variables:

5. Name of variable	6. Default value
PORT	The port to listen on. Defaults to 3000.

MONGOLAB_URI	Mongo DB url. Defaults to mongodb://localhost:27017/topblogger

6. Testing

When all prerequsites are met you can run the app by typing [sudo] npm start in the ./api folder. This will start the server usually on port 3000 by default.

You need to register a user first. To do so navigate to http://localhost/register and fill all fields. After the registration is complete you need to login. Go to /login and provide your credentials. If success then you will see your JWT which can be used to access /api endpoints.

Make a get request to /api/secret including the `Authorization: JWT <token>` header.

To run the test suite type in the ./api folder:

[sudo] npm test

7. Resource Contact List

Name	Resource Email
kiri4a	kiri4a@gmail.com