MANAGEMENT INSTRUCTIONS

The **WHAM (What's Happening Around Me)** application has been deployed in OpenShift. Hit the url http://wham-cs5500neu.rhcloud.com/ to use the application.

In order to access the code and run the application in a local system, please follow the below steps.

SYSTEM SETUP
1. Download and install NodeJS and Node Package Manager (npm) in the system
2. Download and install MongoDB in the system
3. Install GIT in the system, such that git commands can be executed from the command prompt / terminal
4. Clone the WHAM repository into the system from GIT
5. Using the terminal, move into the parent folder of the application. This should contain the **package.json** file
6. Run the **npm install** command on the terminal from this folder. A **node_modules** folder will be created and all the dependencies which are mentioned in the **package.json** file will be downloaded and included in the node_modules folder, if it's not already present

RUNNING THE APPLICATION
After the above steps have been followed,
1. Start MongoDB by executing the **mongod** command in the terminal
2. Once mongodb server is running, from another terminal window, start the application using the **npm start** command from the terminal. This command should be executed from the folder that contains the **server.js** file, which would be present inside the parent folder
3. Once mongodb and the application have been started successfully, hitting the url http://localhost:3000 should take you to the running application.

POSSIBLE ERROR CONDITIONS AND FIXES

Sr No	Error	Fix
1	Node module not found	● Run the **npm install** command from the level where package.json is present ● Run the command using administrative privileges (sudo)
2	ECONNREFUSED 127.0.0.1:27017	Start mongodb once again using the command **mongod** from the terminal.

		Then run **npm start** from the level where **server.js** is present