



**EventList Web Application**

**Version: 1.0**

## **Table of Contents**

<b>1 Introduction.....</b>	<b>3</b>
<b>2 Setting up the environment .....</b>	<b>3</b>
<b>3 Running the application .....</b>	<b>7</b>
<b>4 Creating, updating, removing events .....</b>	<b>9</b>
<b>5 Searching for events.....</b>	<b>13</b>

## 1) Introduction:

Event listing application is designed using Node.JS, AngularJS and RESTful services. It uses MongoDB as a back-end database.

The application provides features for creating a new event, modify any existing event (update/delete).

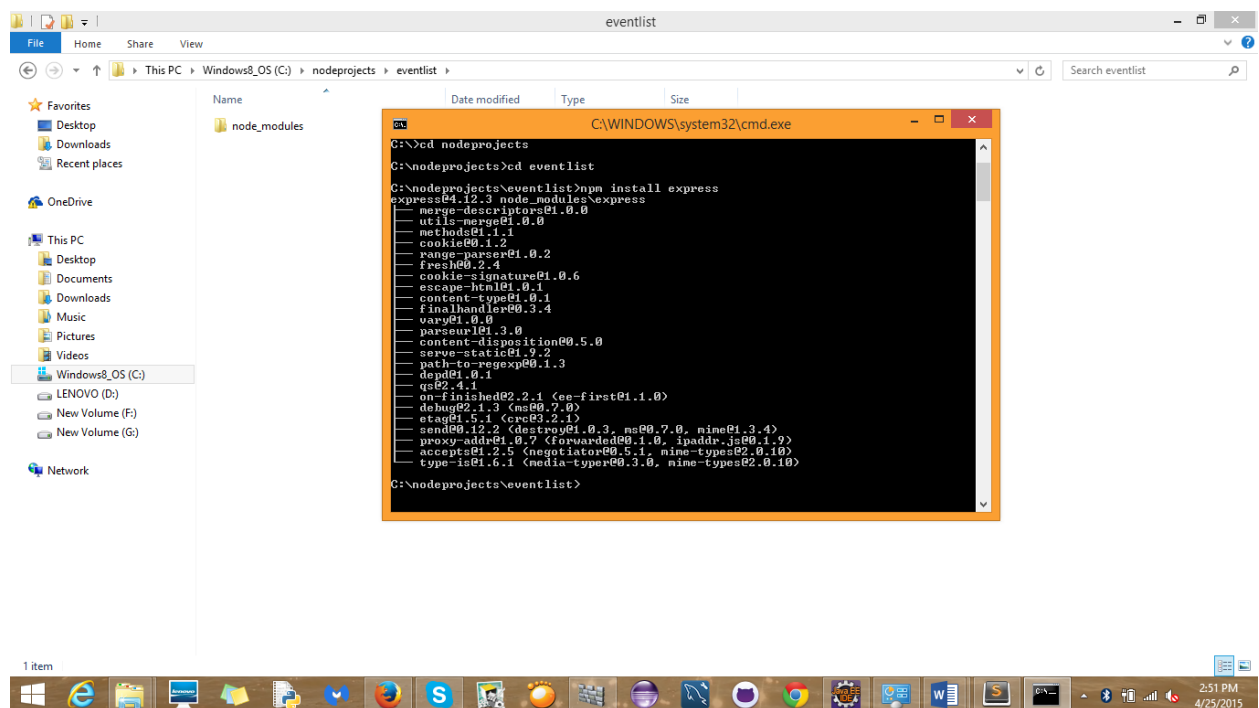
## 2) Setting up the environment:

For running the application one is required to install NodeJS, Angular JS and MongoDB in the system to begin with.

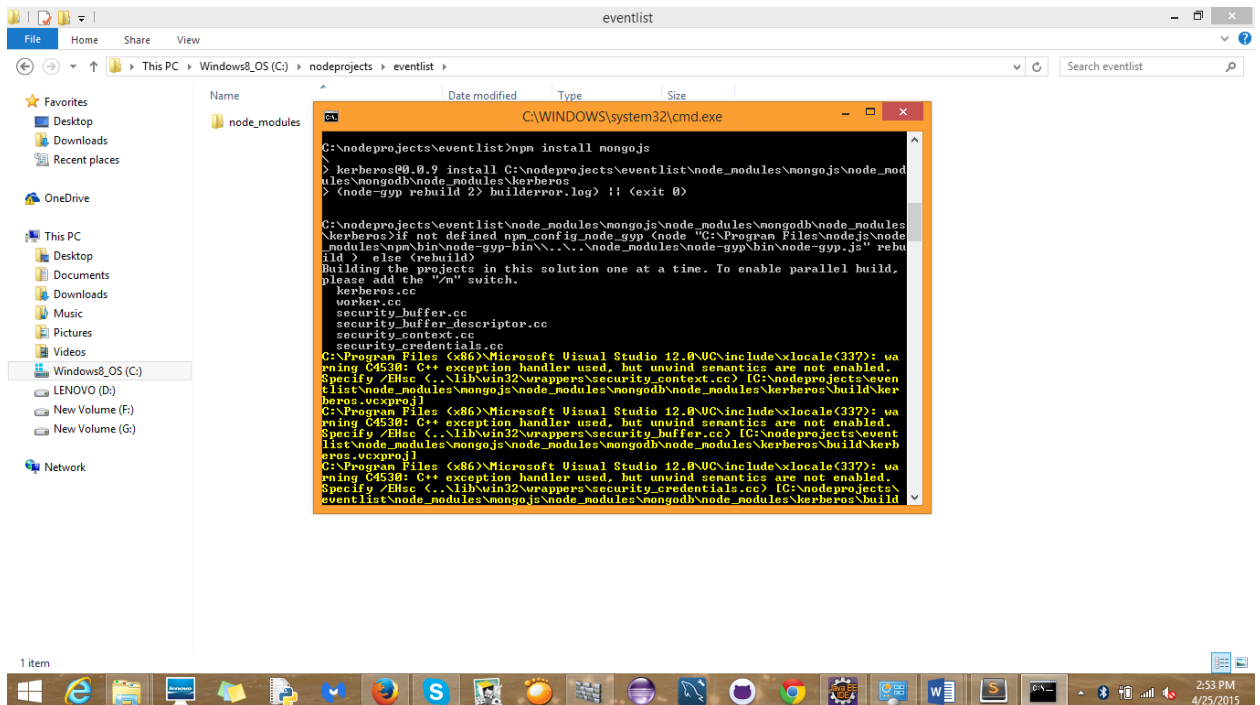
Step1: Create a folder named nodeprojects in C:\ drive.

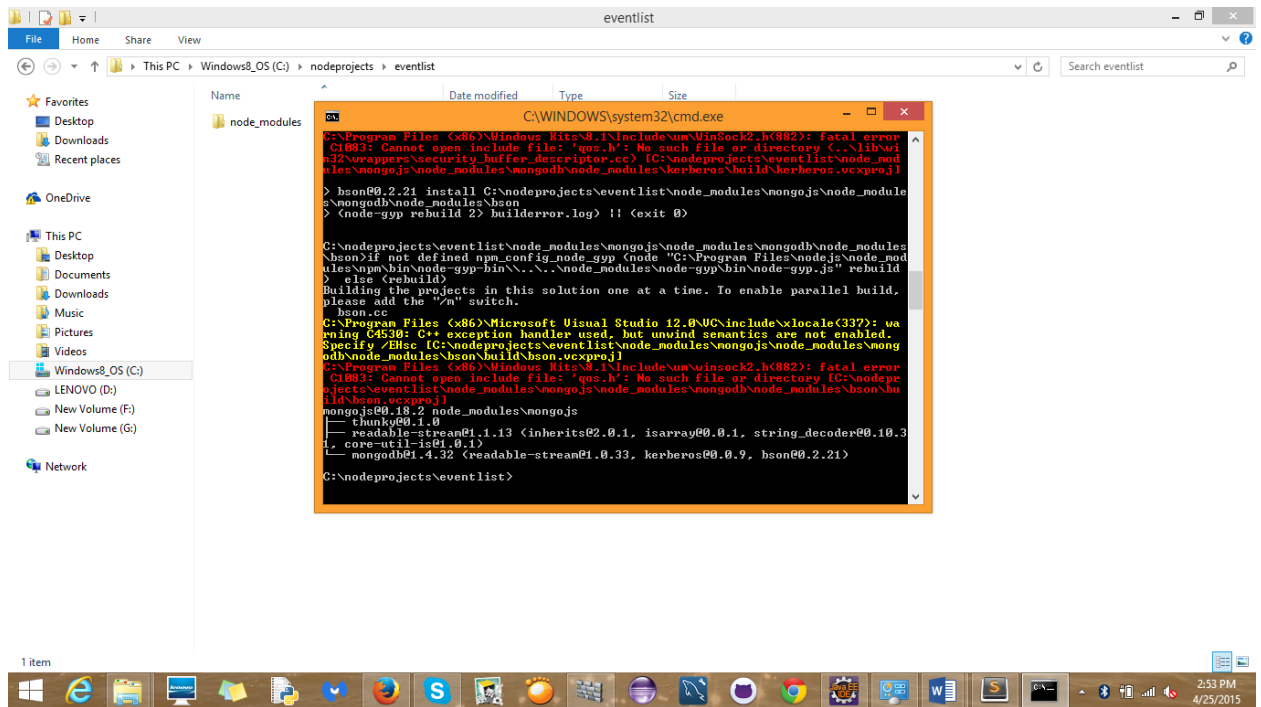
Step 2: Create a project folder named eventlistapp inside the nodeprojects folder.

Step 3: Open a command prompt (CMD or gitbash) and install the modules required for node viz. body-parser, mongojs, express as shown below:



```
C:\>cd nodeprojects
C:\nodeprojects>cd eventlist
C:\nodeprojects\eventlist>npm install express
express@4.12.3 node_modules\express
  ├── merge-descriptors@1.0.0
  ├── utils-merge@1.0.0
  ├── methods@1.1.1
  ├── cookie@0.1.2
  ├── range-parser@1.0.2
  ├── fresh@0.2.4
  ├── cookie-signature@1.0.6
  ├── escape-html@1.0.1
  ├── content-type@1.0.1
  ├── finalhandler@0.3.4
  ├── vary@1.0.0
  ├── parseurl@1.3.0
  ├── content-disposition@0.5.0
  ├── serve-static@1.9.2
  ├── path-to-regexp@0.1.3
  ├── depd@1.0.1
  ├── qs@2.4.1
  ├── on-finished@2.2.1 <req-first@1.1.0>
  ├── debug@2.1.3 <ms@0.2.0>
  ├── etag@1.5.1 <crc@3.2.1>
  ├── send@0.12.2 <destroy@1.0.3, ms@0.7.0, mime@1.3.4>
  ├── proxy-addr@1.0.7 <forwarded@0.1.0, ipaddr.js@1.0.1>
  ├── accepts@1.2.5 <negotiator@0.5.1, mime-types@2.0.10>
  └── type-is@1.6.1 <media-typer@0.3.0, mime-types@2.0.10>
```





Step 4: Once all the modules have been installed correctly create folder named public inside eventlistapp folder.

Copy the index.html file inside the public folder.

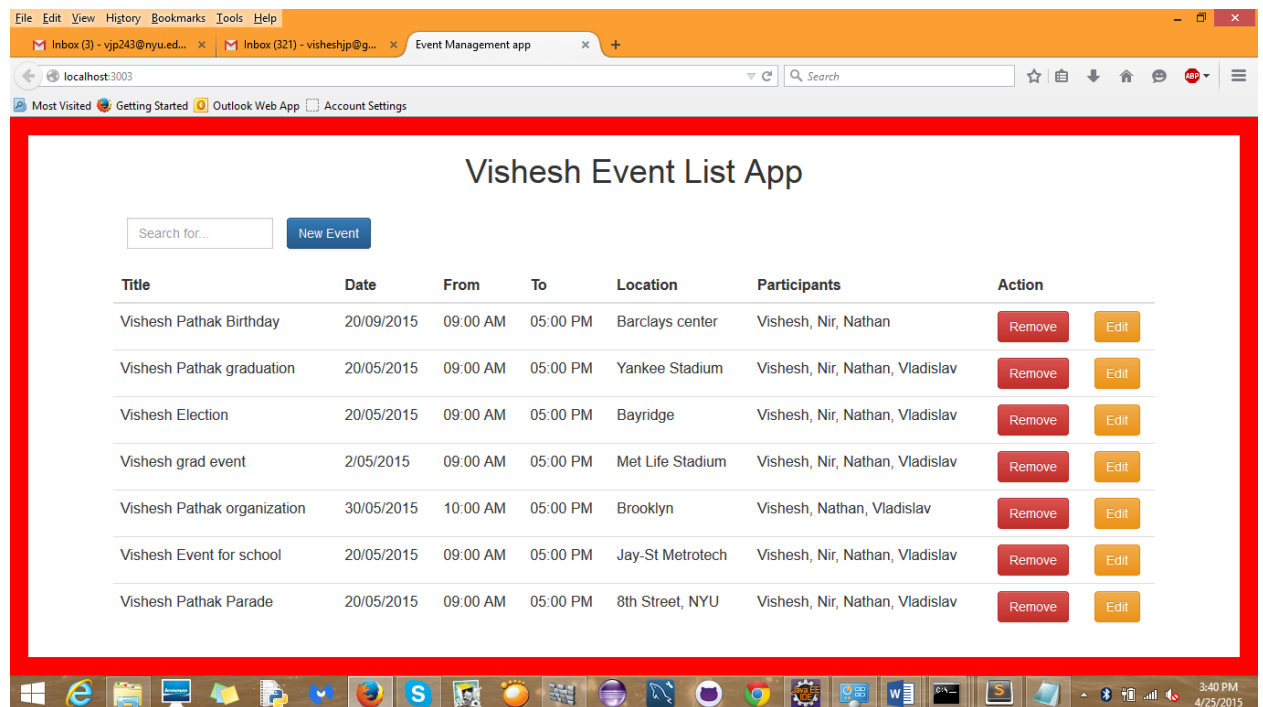
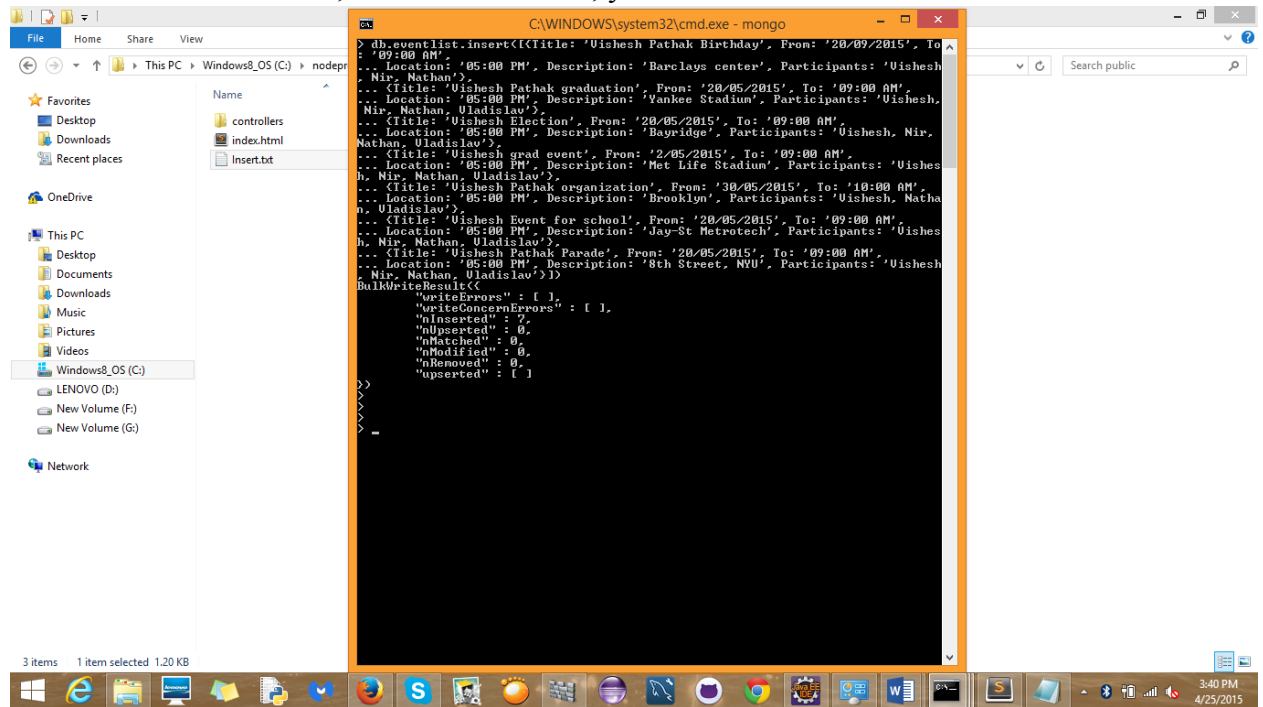
Step 5: Create folder named controllers inside the eventlistapp folder and copy the controller.js file inside controllers folder.

Step 6: Copy the server.js file to the main eventlistapp folder

Step 7: Create a folder data inside the C:\ drive and create a folder named db inside the data folder.

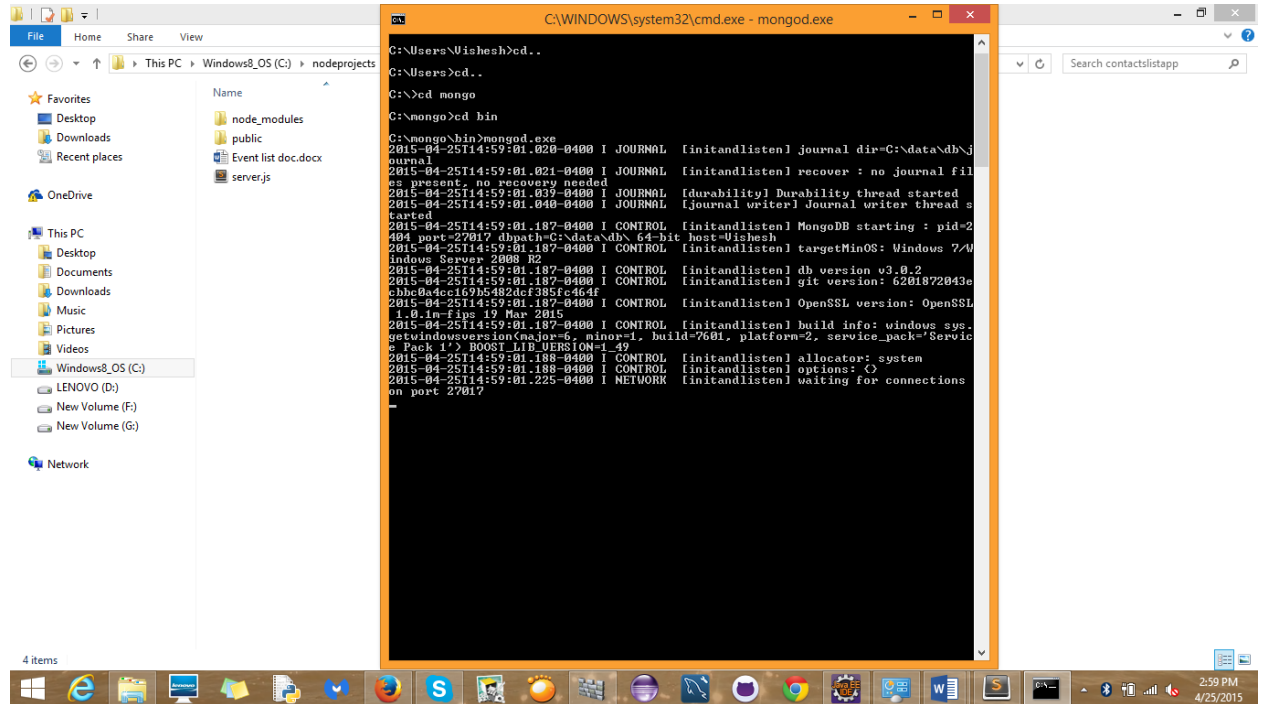
MongoDB will use this folder.

Step 8: Through the command prompt insert the sample data by running the insert script in the insert.txt file. Once, the data is inserted, you'll see that once the site loads.

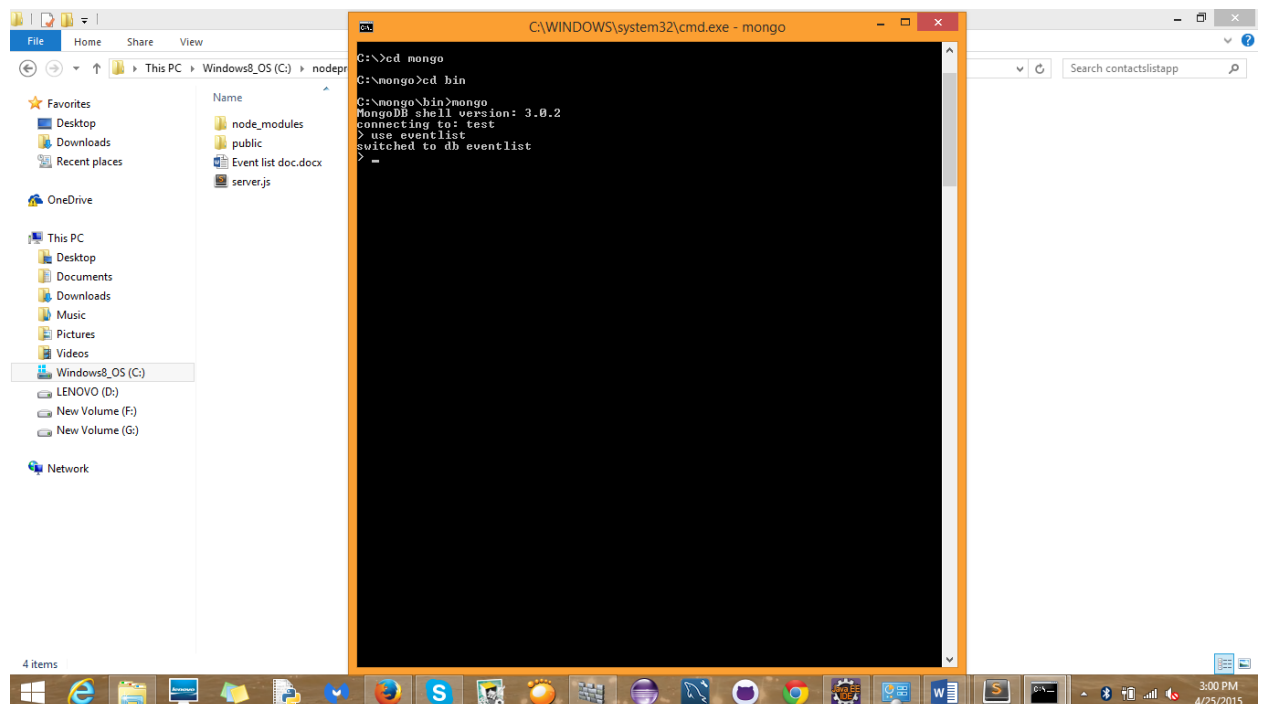


### 3) Running the application:

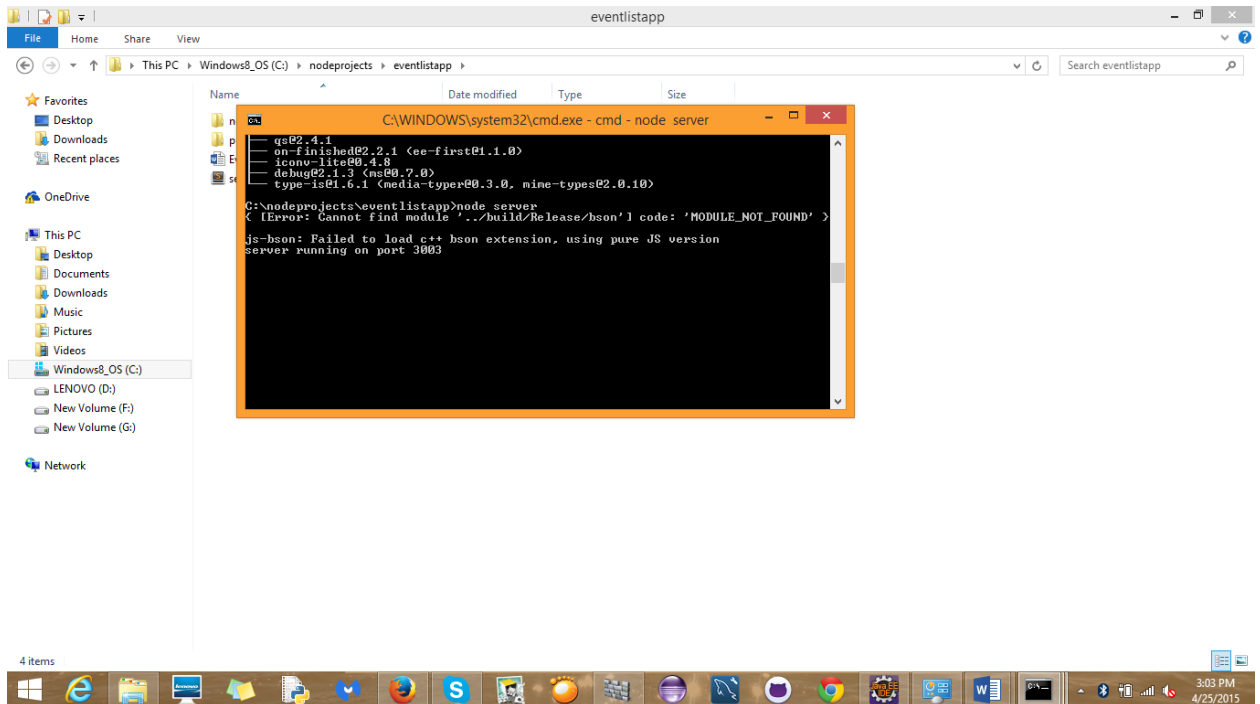
Step 1: First navigate to the directory where MongoDB is being installed. Navigate to the bin folder and start Mongod.exe process.



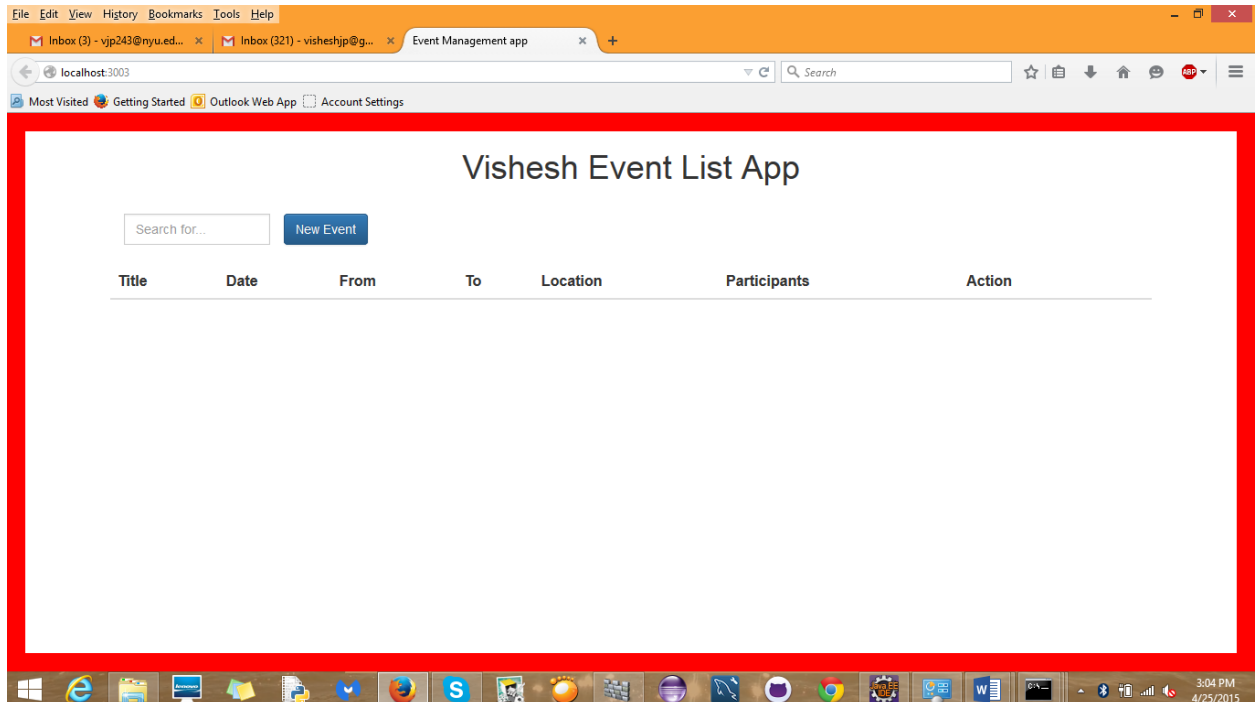
Step 2: Open one more command prompt and start mongo.exe process and type use eventlist to use that database.



Step 3: Start another command prompt, navigate to the `nodeprojects>eventlistapp` and start the node server



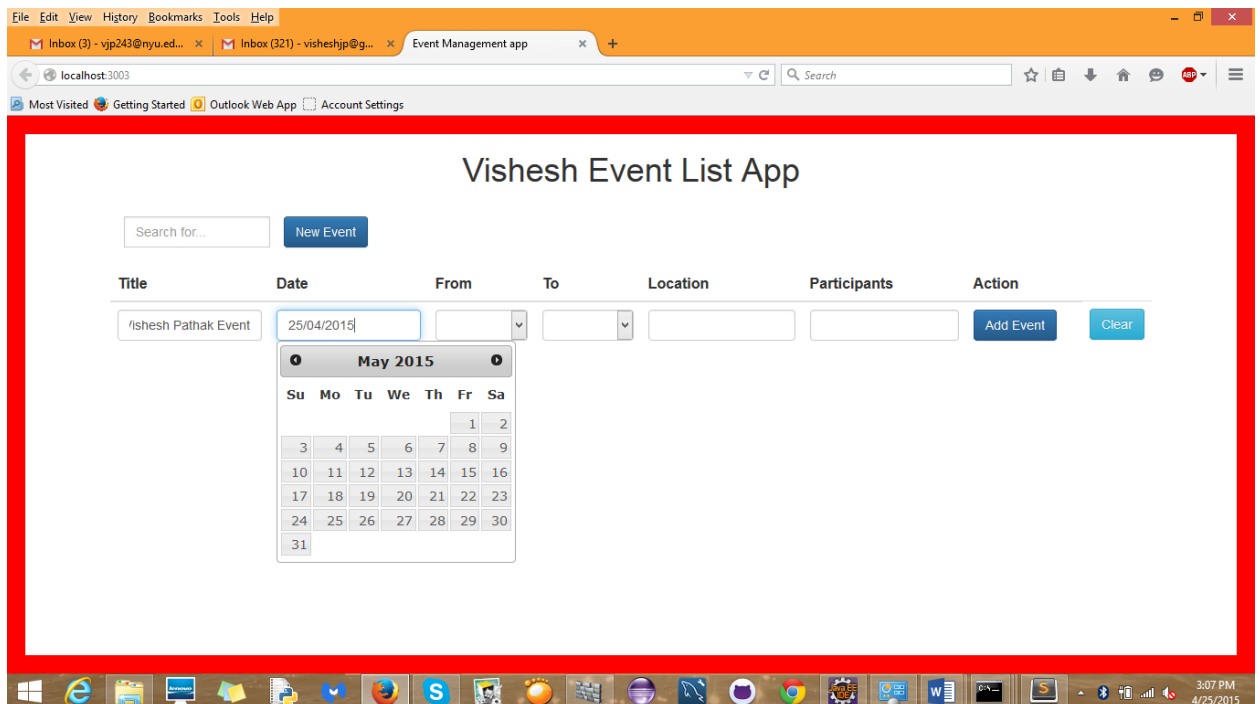
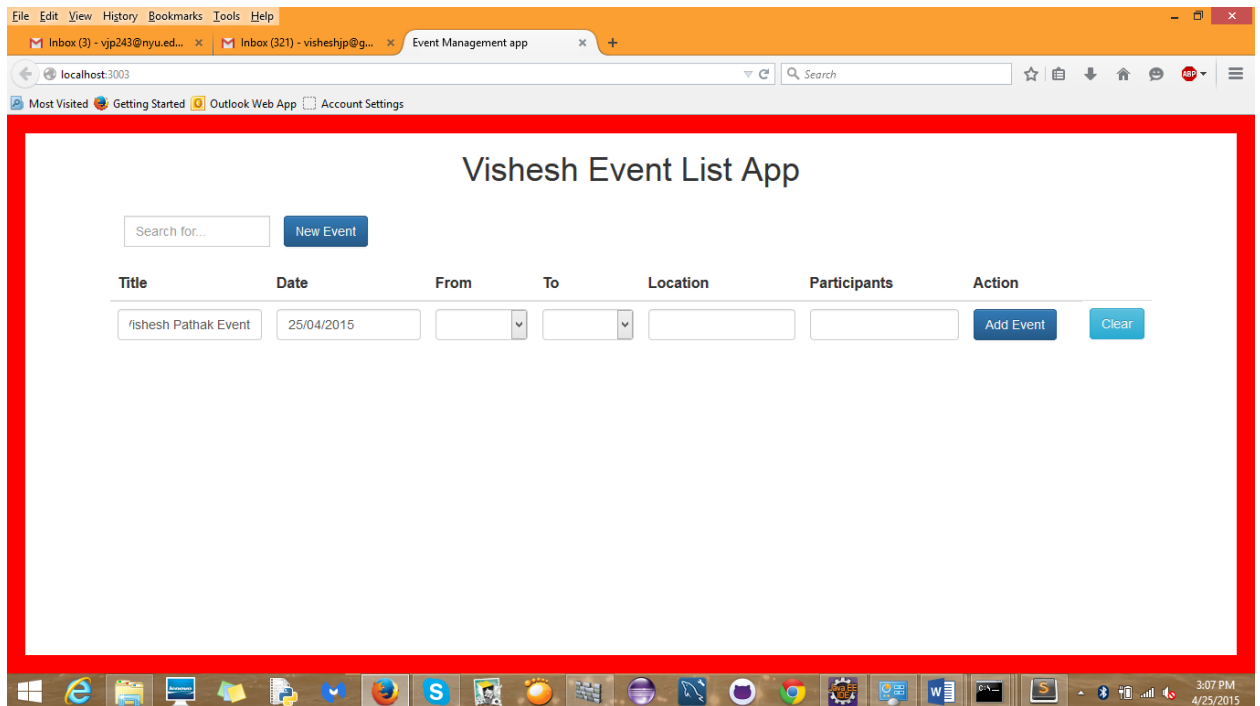
Step 4: Once server is started, go to the web browser and type `localhost:3003`. You should see the project running.

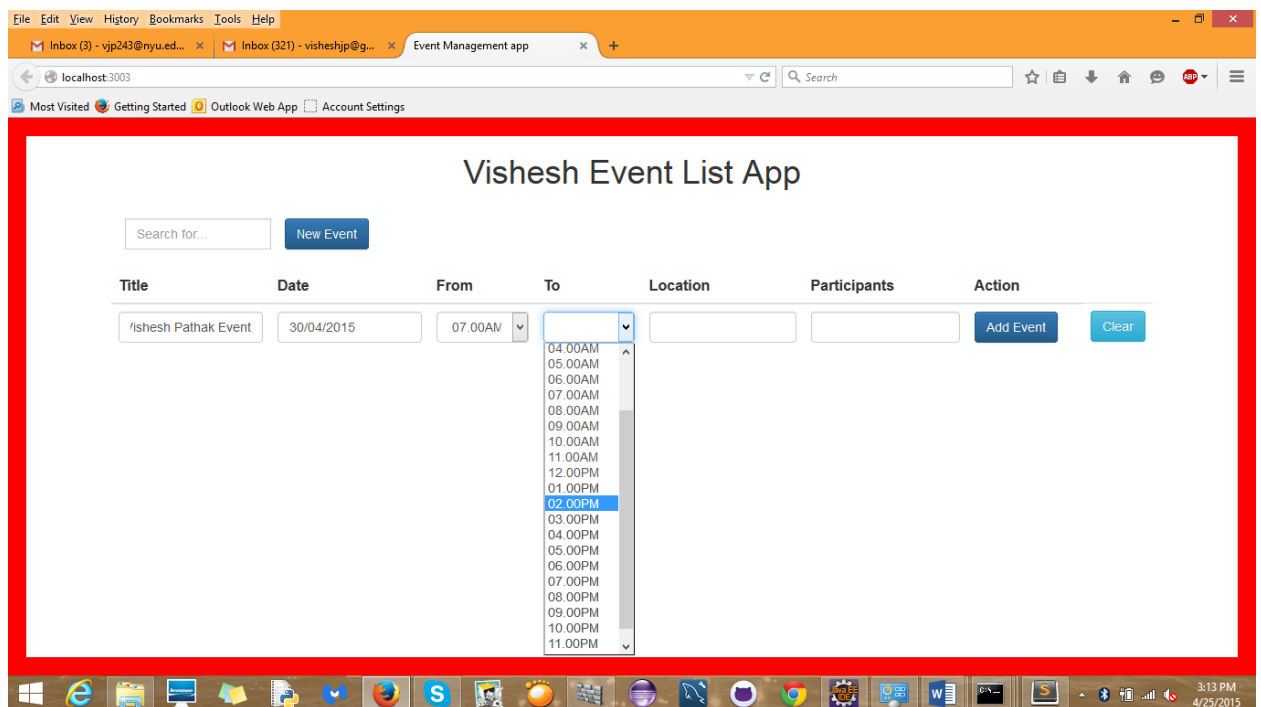
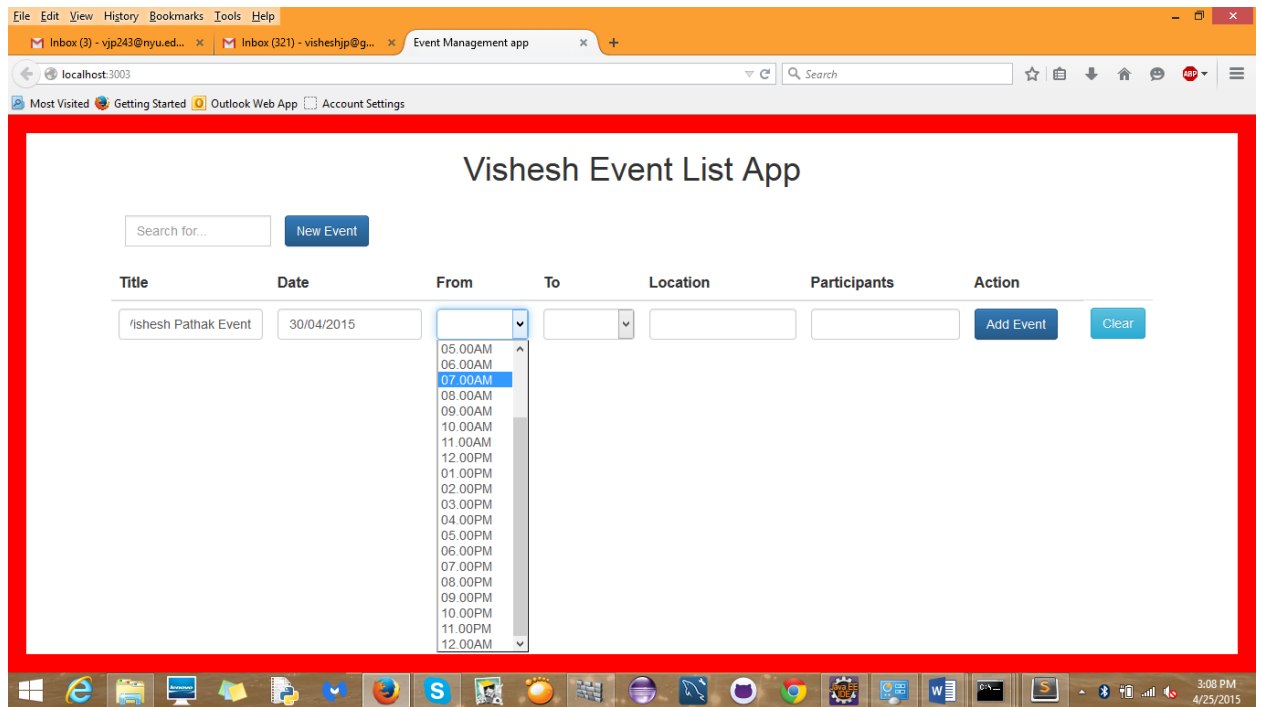


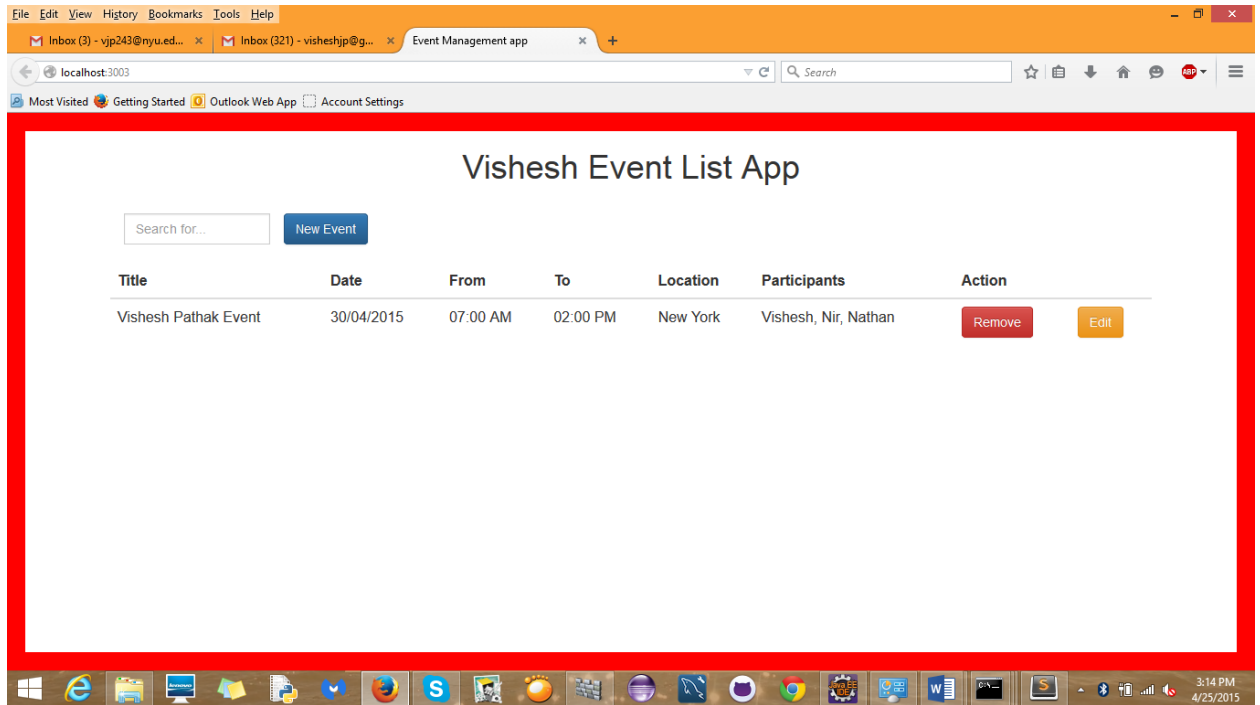


#### 4) Creating, updating, removing the events:

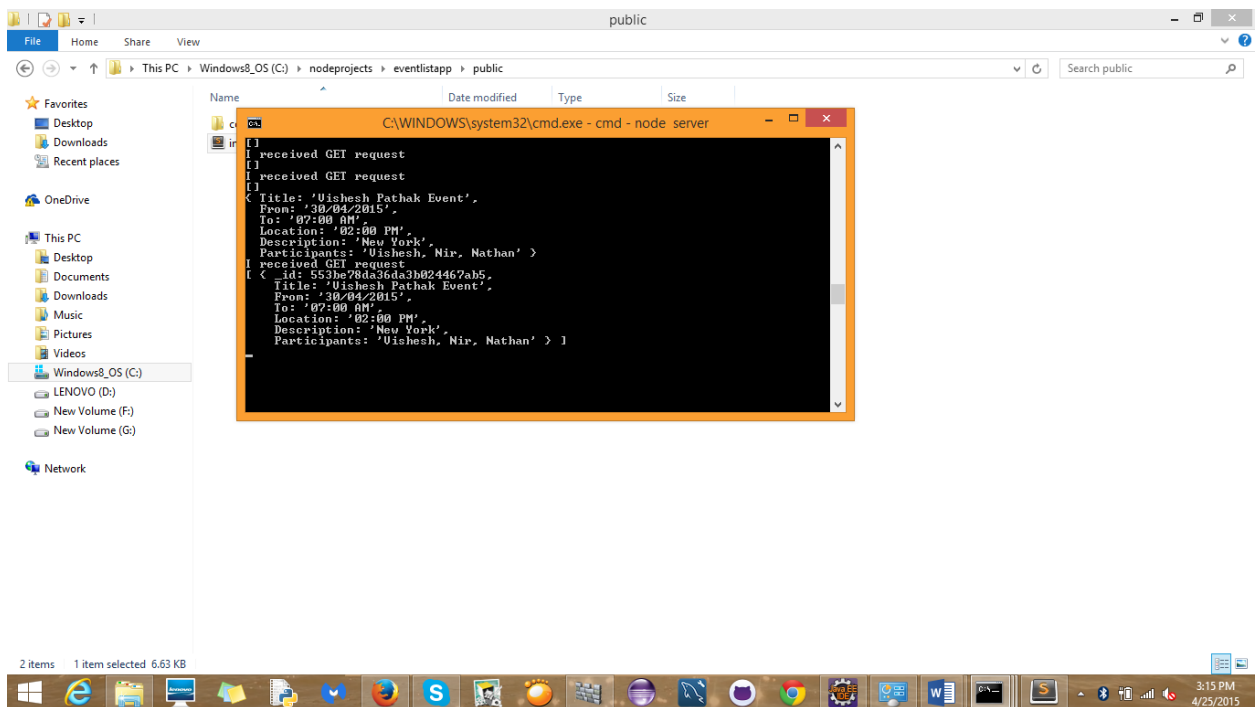
Step 1: Click on New Event to add a new event



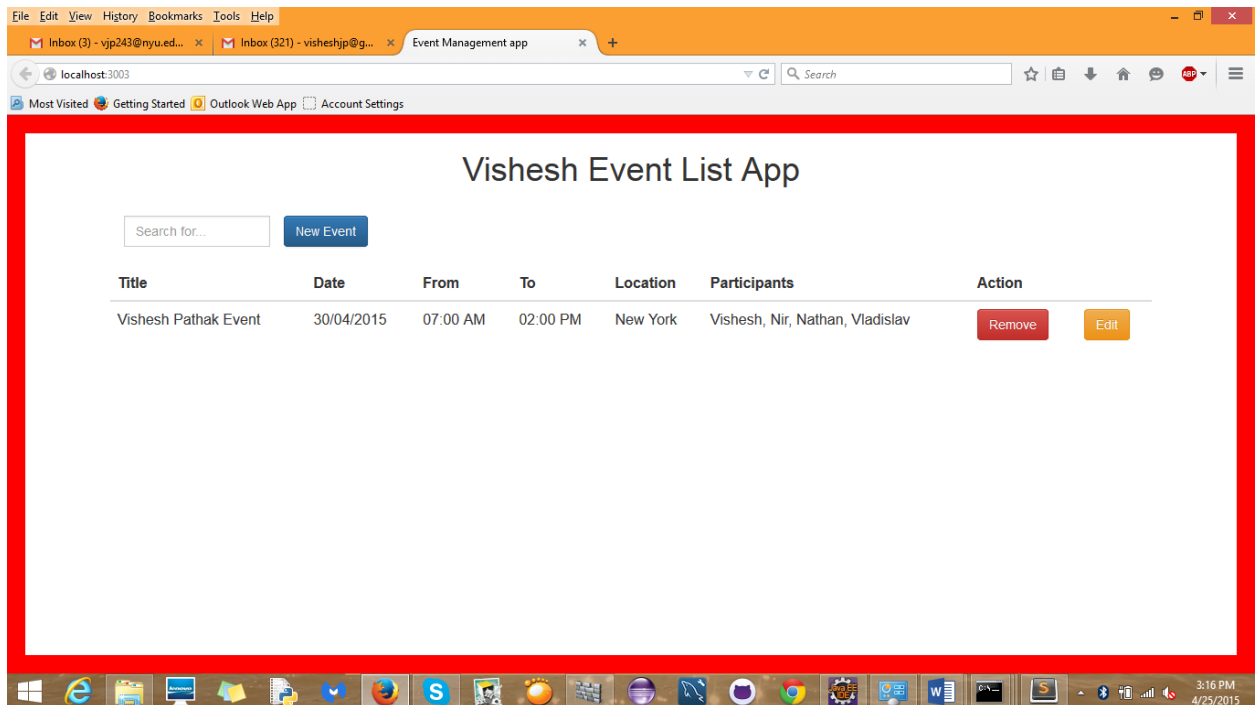
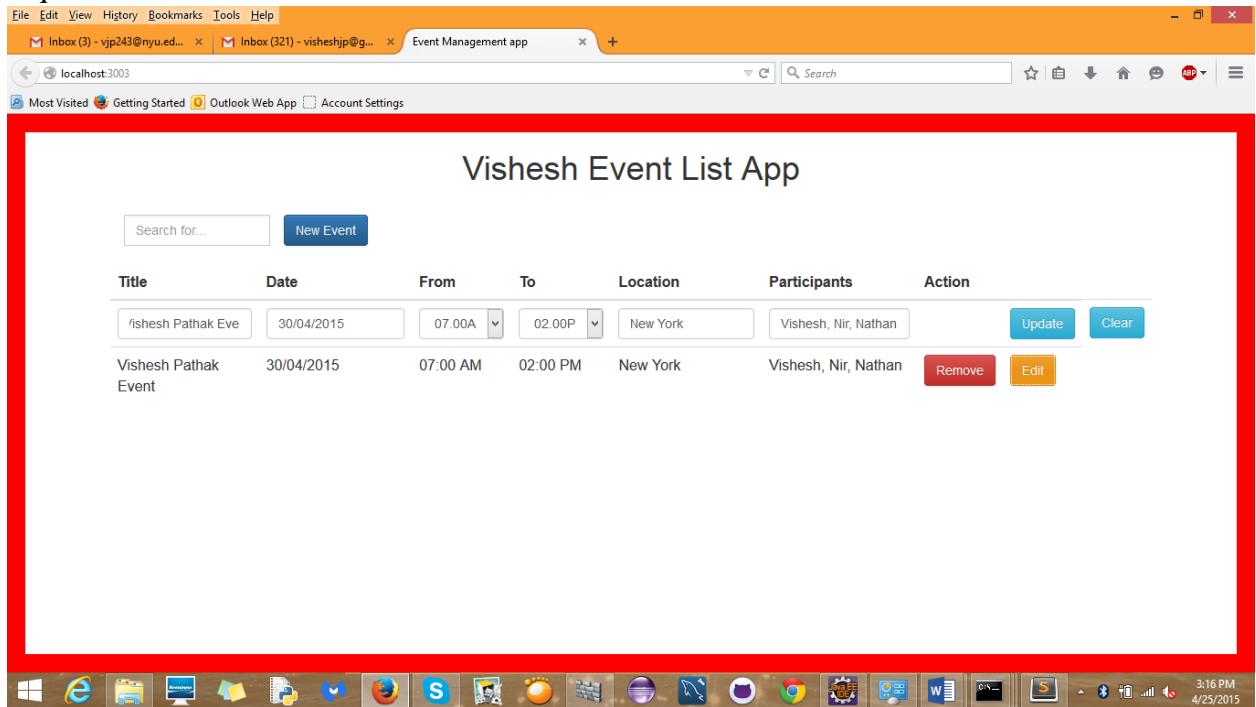




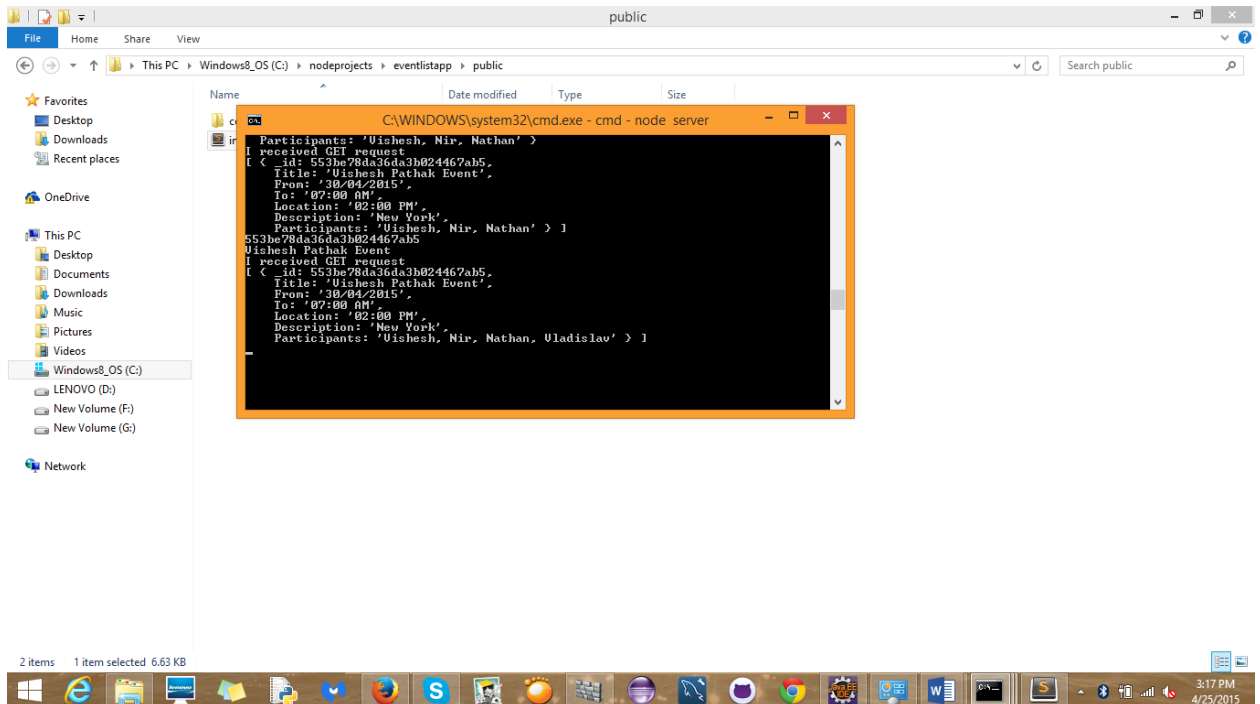
Once the event is being added, you can check the contents at the command prompt as well to see the data being added.



Step 2: In order to modify the event, click on “Edit” and make changes to the fields as required.



The changes being reflected at the back-end as well.



Step 3: In order to remove the events created, click on the “Remove” button and the event will be deleted.

## 5) Searching for event:

When entering a text next to search, filtered results for upto 10 events would be suggested. It can be shown as follows:

