CSC561 NoSQL Databases
Programming Assignment #1

Using the same Node.js application from Lab 3 Part 3, implement the MongoDB blogs collection web and API front-end routes accordingly. The URLs will have the same format that we had for the users model but they will be blogs instead. For example, https://csc570e.uis.edu:9443/blogs/

You will need to implement the blogs model (models/blogs.js) as well as their respective views/ files and add the routes to server.js. Keep in mind that the blogs model includes many more fields than the users model from Lab 3 Part 3. For this assignment, you will need to implement the ability to add/edit/delete every field for blogs, including comments.

You will not need to submit anything to GitHub. I will grade your assignment by checking the URLs.

Video Tutorials

The video lectures from Lab 3 Part 3 will be helpful for this assignment as well:

Learning Node.js
https://www.linkedin.com/learning/learning-node-js-2017/asynchronous-tasks-and-callbacks-2?u=43607124
(You may need to click the Sign In, and then log in with your UIS NetID and password.)

Access from Programming Language (Node.js Mongoose ORM)
[68 min 05 sec]:
https://cdnapisec.kaltura.com/index.php/extwidget/preview/partner_id/1371761/uiconf_id/13362791/entry_id/1_b88z1mj2/embed/dynamic

Use this table to determine which container is yours. You will log into the share with .\NetID for the username (.\tllos1 for example) and your UIN for the password.

Netid	Windows share	Url of the PHP application
agang2	\\10.64.3.56\agang2	https://csc570e.uis.edu:9444
bbala5	\\10.64.3.56\bbala5	https://csc570e.uis.edu:9445
bguti6	\\10.64.3.56\bguti6	https://csc570e.uis.edu:9446
brodr22	\\10.64.3.56\brodr22	https://csc570e.uis.edu:9447
chick7	\\10.64.3.56\chick7	https://csc570e.uis.edu:9448
eunsik2	\\10.64.3.56\eunsik2	https://csc570e.uis.edu:9449
jlund6	\\10.64.3.56\jlund6	https://csc570e.uis.edu:9450
jshei3	\\10.64.3.56\jshei3	https://csc570e.uis.edu:9451
mpavl3	\\10.64.3.56\mpavl3	https://csc570e.uis.edu:9452
rsayy2	\\10.64.3.56\rsayy2	https://csc570e.uis.edu:9453
sarya7	\\10.64.3.56\sarya7	https://csc570e.uis.edu:9454
skoch7	\\10.64.3.56\skoch7	https://csc570e.uis.edu:9455

szhen6	\\10.64.3.56\szhen6	https://csc570e.uis.edu:9456
zwold2	\\10.64.3.56\zwold2	https://csc570e.uis.edu:9457
smeka6	\\10.64.3.56\smeka6	https://csc570e.uis.edu:9458
pshet7	\\ 10.64.3.56\pshet7	https://csc570e.uis.edu:9459

You will need to update the server.js file with the IP address of your MongoDB VM. Ex:

```
mongoose.connect('mongodb://10.92.128.109:27017/blogger', { useNewUrlParser: true });
```

In order to implement the user.js model you will need to look up the Mongoose documentation (https://mongoosejs.com/docs/api.html) and figure out what parameters each method takes and what it returns.