# Express.js Exam Preparation – Forum System

## Route /

Create a Node.js web server which is capable of returning an “index.html” file containing a welcome message and menu. Add all available routes from below to the menu. Add register, login and logout (only when logged in). List 20 forum threads ordered by their last answer’s date. The newest ones should be on top. Visible to anonymous users.

## Route /add

This route should allow all authorized users to add forum threads to the system. Forum threads have title and description.

## Route /list

This route should list all forum threads ordered by their last answer’s date. The newest ones should be on top. Visible to anonymous users.

## Route /post/{id}/{title}

This route should show the thread with the provided *id*. The route should show a form allowing authorized users to add answers to this particular thread. List all answers on this page too. They should be ordered by their date in ascending order. Visible to anonymous users.

## Route /profile/{username}

This route should show information about the user with the provided *username*. Show all his started threads and all his answers. Visible to authorized users only.

## Add administration

If the user is an administrator, he/she should be able to edit or delete threads and answers. Add such functionally to the /post/{id}/{title} route. Additionally, add administration route /admins/all and admins/add where administrators can add other users as administrators too.

## Add paging - /list?page=2

Add paging on the /list route. Return 20 threads per page.

## Add likes and views

Add views counter on every thread. It should be incremented every time the thread is opened. Show the total number of views on the /list and /post/{id}/{title} pages. Add option for authorized users to like a thread and show the total number of likes. If the users liked a thread, they should have the option to dislike it.

## Add categories

Allow the administrators to add and delete categories to the forum. Each category name is unique. Then all threads must be added in one of these categories. It should be a dropdown option for the user. Additionally, add route /list/{category} where only the posts from that category are shown. Add route /categories where all categories are listed.

## Add anti-spam policy

The administrators should be able to block/unblock users from posting and answering threads (reading is still allowed).

**OTHER REQUIREMENTS**

* Use Node.js as a web server
* Use MongoDB as a database storage
* Use Express.js as a routing framework
* Follow the standard - <https://github.com/feross/standard>
* You may use whatever frameworks you like