**Laboratory Sheet 5**

1. **Learning Outcomes**

Putting it all together – React / Express / Nodejs / MongoDB

1. **Organisation / More Info**

* Individual assignment
* Reference
  + [https://docs.mongodb.com/](https://nodejs.org/en/docs/)

1. **Submission**

This worksheet is worth 2.5%.

The deadline for submission is Sunday Nov 13th, 2022 @23:59 through Brightspace. Details to follow.

The work and submission workflow is as follows:

* Create a sub-folder for your problem
* Put your solution for each problem into it’s respective folder.
* When you are finished developing your worksheet solution, compress and zip all problems into one zip file. Name this ***<student-name>***-***<student-id>***-lab -5.zip
* ***<student-id>*** is something like C12345678

Upload to Labs / Lab 4 / Lab 4 – Upload

1. **Task**

**Putting it all together Mongo**

So you will be putting all the components together in this lab. You can use the projects mern-backend, mern-frontend as a starting point to get started (note – you don’t have too). The two projects are inside this folder - <https://github.com/paul-kelly-dit/web-application-architecture/tree/master/mongo>

The functionality currently supports creating and listing all users. We need to enhance this functionality.

Looking for the following additional functionality:

* Ability to edit a user returned in the list of users. I imagine this would be an additional column in the table of results with an edit button. This would allow the user to edit the values for that row.
* Add the search facility so that the user can search for specific users by name
* Ensure correct error handling in place and correct status codes are used ie 404s, 400s, 200s.