# CS 602 - Assignment 3

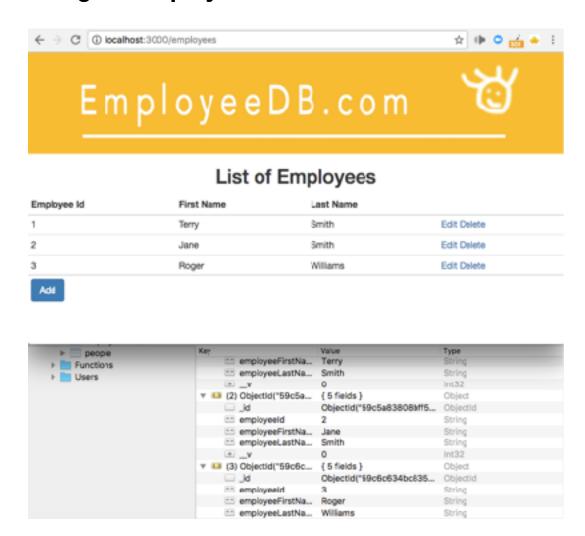
Mark Ryan Sept 25, 2017

#### 1. Starting the Application and Database

```
000
                      CS602_HW3_Ryan — node app.ja — 80×24
Last login: Sat Sep 23 16:80:54 on ttys808
Marks-MacBook-Air:~ markryan$ od Desktop/BU/CS602/Module3
Marks-MacBook-Air:Module3 markryan$ ls
CS682_HM3_Ryan
                       CS602_Hodule3_Samples
Marks-MacBook-Air:Module3 markryon$ cd CS682_HM3_Byan
Marks_MacBook_Air:CS582_HM3_Ryan_markryan$ ls
                        node_nodules
                                                noutes
client.js
                        package-lock.jsom
                                                views
credentials.js
                       package.json
employees0b.js
                        public
Marks-MacBook-Air:CS682_HM3_Ryan markryan$ node app.js
Creating connection and model...
http://localhest:8600
                                                   markryan - monopod - sudo - 134×24
                                        [initandlisten] allocator: system
2017-09-25T21:48:34.842-0400 I CONTROL
2017-09-25121:48:34.842-0400 I CONTROL
                                         initandlisten| modules: none
2017-09-25121:48:34.842-0400 I CONTROL
                                        finitandlisten1 build environment:
2817-89-25T21:48:34.842-8468 I CONTROL
                                        LimitandLister1
                                                           distanch: x85_64
2017-09-25T21:48:34.842-0400 I CONTROL
                                        [initandlisten]
                                                            target_arch: x85_64
2017-09-25121:48:34.842-0400 I CONTROL
                                        [initandlisten] options: {}
2017-09-25T21:48:34.843-8400 I -
                                        finitandlisten] Detected data files in /data/db or:
 setting the active storage engine to 'wiredTiger'.
2817-99-25T21:48:34.844-8468 I STORAGE [initandlister] wiredtiger_open config: create.cock
reads_max=4), config_base=false, statistics=(fast), log=(enabled=true, archive=true, path=journs
le_time=189890),checkpoint=(wait=60,log_size=260),statistics_log=(wait=8),
2017-99-25T21:48:35.315-8400 T CONTROL [initandlisten]
2017-09-25T21:48:35.315-0400 I CONTROL
                                        [initandlister] ↔ WARNING: Access control is not a
                                        [initandlisten] ↔
2017-09-25T21:48:36.315-0400 I CONTROL
                                                                   Read and write access t
2017-89-25121:48:36.315-0400 I CONTROL [initandlisten] ** MARNING: You are running this pr
ended.
2817-89-25T21:48:35.315-8468 I CONTROL
                                        Limitand\ister1
2017-09-25T21:48:36.315-0400 I CONTROL [initandlisten]
2017-09-25T21:48:36.315-0400 I CONTROL (initandlisten) ** MARNING: soft rlimits too low. F
689
2017-89-25T21:48:35.485-8400 I FTDC
                                        [initandlister] Initializing full-time diagnostic c
stic.data
2017-89-25721:48:36.486-0400 I NETWORK [thread1] waiting for connections on port 27017
```

The application is started using node app.js and mongodb is started on a separate command prompt.

#### 2. Adding an Employee



The database originates with three employees: Terry Smith, Jane Smith, and Roger Williams. An employee is added to the List of Employees by selecting the 'Add' button.

Once 'Save' is selected by the user, the employe Lisa Taylor is added to the database.



#### Add an Employee



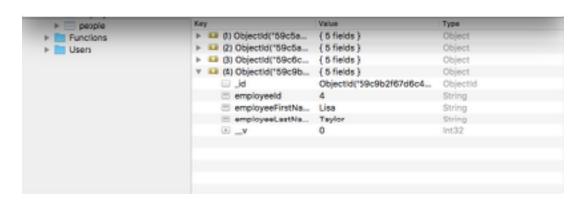


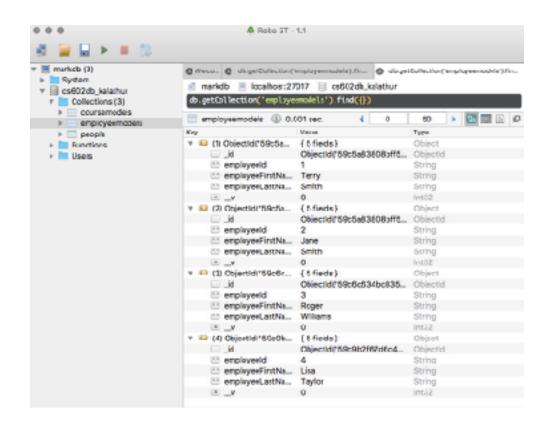


### List of Employees

Employee Id	First Name	Last Name	
1	Terry	Smith	Edit Delete
2	Jane	Smith	Edit Delete
3	Roger	Williams	Edit Delete
4	Lisa	Taylor	Edit Delete

Add





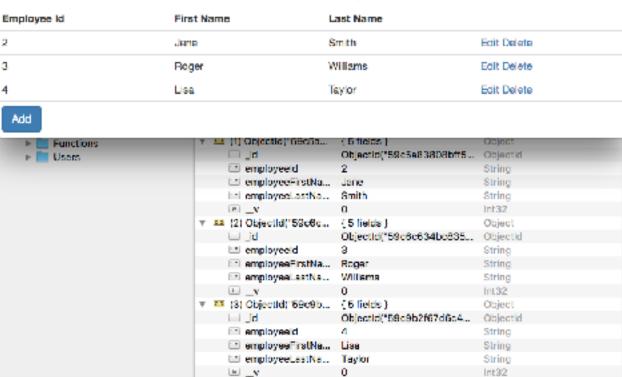
### 3. Deleting an Employee

When the 'Delete' link is selected next to the employee's name, the employee is deleted from both the application and database. Terry Smith has been deleted from the application.

Notice how the database now contains just three employees: Jane Smith, Roger Williams, and Lisa Taylor.

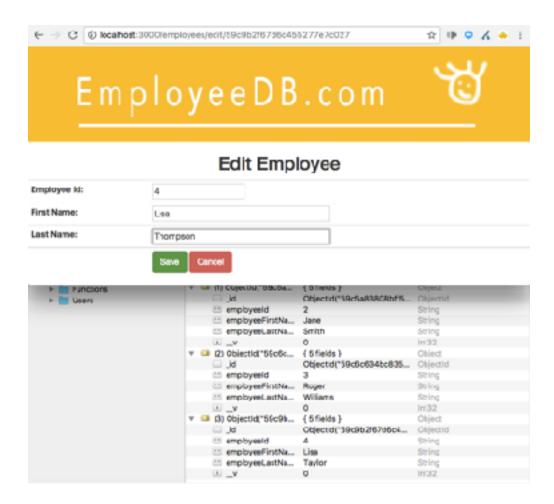


### List of Employees



### 4. Editing an Employee

Finally, employee information is able to be edited by selecting 'Edit' next to the employee name. The employee Lisa Taylor is changed to Lisa Thompson.



This change is also reflected in the database as seen below.



## List of Employees

