

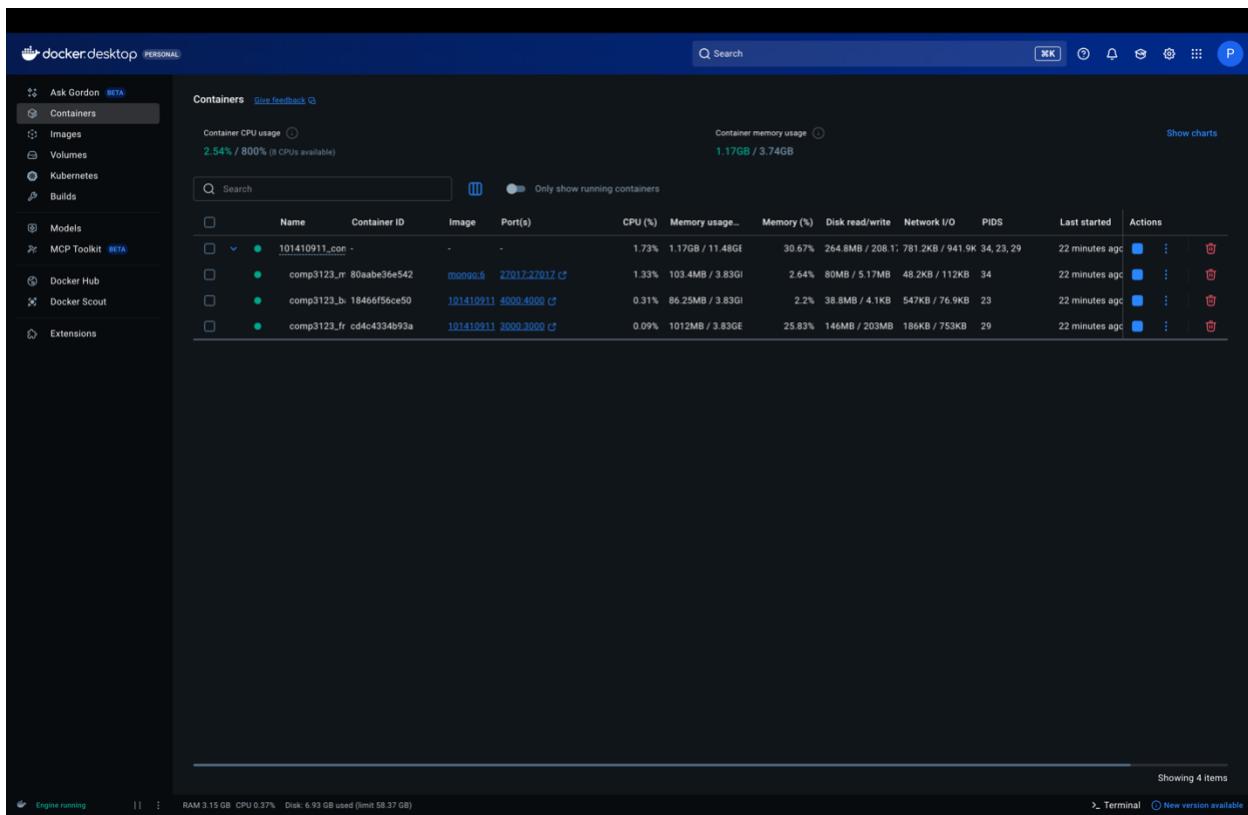
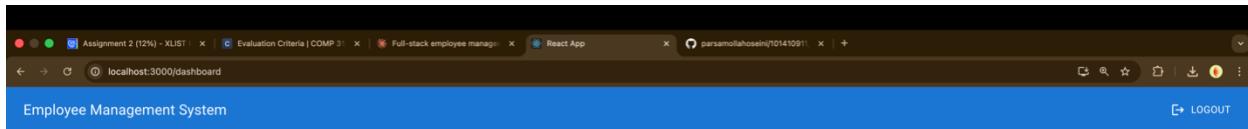
Parsa molahosseini  
101491591

```
Current Mongosh Log ID: 692cfefbc0e57d9f14f87fd
Connecting to: mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000&app=MongoDB-Shell
Using MongoDB: 2.5.8
Using Mongosh: 2.5.8

For mongosh info see: https://www.mongodb.com/docs/mongodb-shell/

The server generated these startup warnings when booting
2025-12-01T02:29:29.341+00:00: Using the XFS filesystem is strongly recommended with the WiredTiger storage engine. See http://dochub.mongodb.org/core/prodnotes-filesystem
2025-12-01T02:29:30.152+00:00: The maximum number of connections per host is set to 1000.
2025-12-01T02:29:30.152+00:00: (sys/kernel/mm/transparent_hugepage/enabled is 'always'. We suggest setting it to 'never' in this binary version)
2025-12-01T02:29:30.152+00:00: vm.max_map_count is too low

test> use comp3123_assignment
switched to db comp3123_assignment
comp3123_assignment> db.employees.find().pretty()
{
    "_id": ObjectId("692cfefbc0e57d9f14f87fd"),
    "first_name": "parsa",
    "last_name": "molahosseini",
    "email": "parso@gmail.com",
    "position": "Manager",
    "salary": 12222,
    "date_of_joining": ISODate("2020-11-02T00:00:00.000Z"),
    "department": "Marketing",
    "profile_picture": "cloudinary/employees-1746534301244-247186985.jpeg",
    "created_at": ISODate("2020-12-01T01:44:03.802Z"),
    "updated_at": ISODate("2025-12-01T01:44:23.288Z"),
    "__v": 0
},
{
    "_id": ObjectId("692cfefbc0e57d9f14f87fd"),
    "first_name": "sleevash",
    "last_name": "molahosseini",
    "email": "sleev@gmail.com",
    "position": "Owner",
    "salary": 100000,
    "date_of_joining": ISODate("2004-10-29T00:00:00.000Z"),
    "department": "Marketing",
    "profile_picture": "cloudinary/employees-1746534301244-247186985.jpeg",
    "created_at": ISODate("2020-12-01T02:03:45.795Z"),
    "updated_at": ISODate("2025-12-01T02:03:24.222Z"),
    "__v": 0
},
{
    "_id": ObjectId("692cfefbc0e57d9f14f87fd"),
    "first_name": "ali",
    "last_name": "molahosseini",
    "email": "ali@gmail.com",
    "position": "Artist",
    "salary": 10000,
    "date_of_joining": ISODate("2020-11-04T00:00:00.000Z"),
    "department": "Art",
    "profile_picture": "cloudinary/employees-1746534301244-247186985.jpeg",
    "created_at": ISODate("2020-12-01T02:28:58.884Z"),
    "updated_at": ISODate("2025-12-01T02:28:58.884Z"),
    "__v": 0
}
comp3123_assignment> db.users.find().pretty()
{
    "_id": ObjectId("692cfefbc0e57d9f14f87fd"),
    "username": "parso",
    "email": "parso@gmail.com",
    "password": "$2b$10$0hXhKm30o6lvb3/7k.GX0MF3k98rx.Z.Y2Kxx1300000p3673fO",
    "created_at": ISODate("2020-12-01T01:42:30.119Z"),
    "updated_at": ISODate("2025-12-01T01:42:30.119Z"),
    "__v": 0
},
{
    "_id": ObjectId("692cfefbc0e57d9f14f87fd"),
    "username": "ali",
    "email": "ali@gmail.com",
    "password": "$2b$10$nt2nq2g7ad72amh/s9h4tCmLns5zv4v0j2f7.ZUOP98xCnh4d92",
    "created_at": ISODate("2025-12-01T02:27:13.638Z"),
    "updated_at": ISODate("2025-12-01T02:27:13.638Z"),
    "__v": 0
}
}
comp3123_assignment>
```



Employee Management System

localhost:3000/dashboard

Employee Management System

Assignment 2 (12%) - XLIST | Evaluation Criteria | COMP 31 | Full-stack employee management | React App | parsamollahoseini/101410911 | +

LOGOUT

Search by Department Search by Position

**Employees**

Add New Employee

**+ ADD EMPLOYEE**

Profile Name

pp parsa pouyan

sh sivash habibi

Actions

UPLOAD PROFILE PICTURE

First Name \* Last Name \*

Email \* Position \*

Department \* Salary \*

Date of Joining \* yyyy-mm-dd

Employee Management System

localhost:3000/dashboard

Employee Management System

Assignment 2 (12%) - XLIST | Evaluation Criteria | COMP 31 | Full-stack employee management | React App | parsamollahoseini/101410911 | +

LOGOUT

Search by Department Search by Position

**Employees**

**+ ADD EMPLOYEE**

Profile	Name	Email	Position	Department	Salary	Actions
pp	parsa pouyan	parsa@gmail.com	manager	computer	\$12,222	
sh	sivash habibi	sia@gmail.com	Owner	computer	\$100,000	

Profile	Name	Email	Position	Department	Salary	Actions
pp	parsa pouyan	parsa@gmail.com	manager	computer	\$12,222	
sh	sivash habibi	sia@gmail.com	Owner	computer	\$100,000	

Assignment 2 (12%) - XLIST | Evaluation Criteria | COMP 31 | Full-stack employee management | React App | parsamollahoseini/101410911 | +

localhost:3000/dashboard

Employee Management System

LOGOUT

Search by Department | Search by Position | SEARCH | CLEAR

Employees

Profile Name

pp parsa pouyan

sh siavash habibi

sr shayan reaei

Edit Employee

UPLOAD PROFILE PICTURE

First Name \* parsa

Last Name \* pouyan

Email \* parsa@gmail.com

Position \* manager

Department \* computer

Salary \* 12222

Date of Joining \* 2025-11-02

Actions

+ ADD EMPLOYEE

UPDATE CANCEL

A small screenshot of the application interface is shown in the bottom right corner.

Assignment 2 (12%) - XLIST | Evaluation Criteria | COMP 31 | Full-stack employee management | React App | parsamollahoseini/101410911 | +

localhost:3000/dashboard

Employee Management System

LOGOUT

Search by Department | Search by Position | SEARCH | CLEAR

Employees

Profile Name Email Position Department Salary Actions

pp parsa pouyan

sh siavash habibi

sr shayan reaei

Employee Details

First Name Last Name Email Position Department

parsa pouyan parsa@gmail.com manager computer

Salary Date of Joining

\$12,222 11/1/2025

CLOSE

The screenshot shows a browser window with multiple tabs open. The active tab is titled "Employee Management System" and has the URL "localhost:3000/dashboard". The page displays a search interface with two input fields: "Search by Department" containing "computer" and "Search by Position" containing "owner". Below the search bar is a "SEARCH" button and a "CLEAR" button. A blue "ADD EMPLOYEE" button is located in the top right corner of the main content area. The main content area is titled "Employees" and contains a table with one row. The table columns are: Profile, Name, Email, Position, Department, Salary, and Actions. The single row shows an employee with profile picture "sh", name "siavash habibi", email "sia@gmail.com", position "Owner", department "computer", salary "\$100,000", and actions represented by three icons: a blue eye, a blue edit/pencil, and a red trash can.

Profile	Name	Email	Position	Department	Salary	Actions
	siavash habibi	sia@gmail.com	Owner	computer	\$100,000	

The screenshot shows a browser window with multiple tabs open. The active tab is titled "Employee Management System" and has the URL "localhost:3000/dashboard". The page displays a search interface with two input fields: "Search by Department" and "Search by Position". The "Search by Position" field contains "manager". Below the search bar is a "SEARCH" button and a "CLEAR" button. A blue "ADD EMPLOYEE" button is located in the top right corner of the main content area. The main content area is titled "Employees" and contains a table with one row. The table columns are: Profile, Name, Email, Position, Department, Salary, and Actions. The single row shows an employee with profile picture "pp", name "parsa pouyan", email "parsa@gmail.com", position "manager", department "computer", salary "\$12,222", and actions represented by three icons: a blue eye, a blue edit/pencil, and a red trash can.

Profile	Name	Email	Position	Department	Salary	Actions
	parsa pouyan	parsa@gmail.com	manager	computer	\$12,222	

The screenshot shows the Employee Management System dashboard at [localhost:3000/dashboard](http://localhost:3000/dashboard). The interface includes a search bar for department and position, and buttons for SEARCH and CLEAR. A table lists employees with columns: Profile, Name, Email, Position, Department, Salary, and Actions. One employee is listed: shayan reael (Profile picture 'SR', Name: shayan reael, Email: shayan@gmail.com, Position: Assistance, Department: Art, Salary: \$90,000). Action buttons for edit and delete are shown next to the employee's row.

The screenshot shows the sign-up page of the Employee Management System at [localhost:3000/signup](http://localhost:3000/signup). The page title is "Employee Management System" and the sub-section is "Sign Up". It features four input fields: "Username \*", "Email \*", "Password \*", and "Confirm Password \*". Below the fields is a blue "SIGN UP" button. At the bottom, there is a link "Already have an account? [Login](#)".





# Employee Management System

## Login

Email\*

Password \*

**LOGIN**

Don't have an account? [Sign up](#)

Postman API Network - comp3123

**DELETE** http://localhost:4000/api/v1/emp/employees?eid=692d019415d5cf0b6c212af8

Params

Key	Value	Description
eid	692d019415d5cf0b6c212af8	

Body Cookies Headers (7) Test Results

204 No Content · 41 ms · 302 B · Save Response

Raw Preview Visualize

1

File Cloud View Find and replace Console Terminal

Postman API Network - comp3123

**GET** http://localhost:4000/api/v1/emp/employees/search?department=computer

Params

Key	Value	Description
department	computer	

Body Cookies Headers (11) Test Results

200 OK · 66 ms · 1019 B · Save Response

```
{
  "status": true,
  "count": 2,
  "data": [
    {
      "employee_id": "692cf2cf3c772300ee%7oc9",
      "first_name": "parsa",
      "last_name": "pouyan",
      "email": "parsa@gmail.com",
      "position": "manager",
      "experience": 12345,
      "date_of_joining": "2025-11-02T00:00:00.000Z",
      "department": "computer",
      "profile_picture": "/uploads/employee-1764553451244-247166905.jpeg"
    },
    {
      "employee_id": "692cf7f13c772300ee%7ode",
      "first_name": "sivash",
      "last_name": "habibi",
      "email": "siv@gmail.com",
      "position": "developer",
      "experience": 89000,
      "date_of_joining": "2024-10-29T00:00:00.000Z",
      "department": "computer",
      "profile_picture": ""
    }
  ]
}
```

File Cloud View Find and replace Console Terminal

Postman API Network

New Request

PUT http://localhost:4000/api/v1/emp/employees/692d019415d5cf0b6c212af8

Body (form-data)

salary: 100000  
position: Senior Data Scientist

Response (200 OK)

```
[{"message": "Employee details updated successfully."}]
```

Get Request

Auth Type: Bearer Token

Token: [REDACTED]

Response (200 OK)

```
[{"employee_id": "692d019415d5cf0b6c212af8", "first_name": "Sarah", "last_name": "Johnson", "email": "sarah.j@example.com", "position": "Data Scientist", "salary": 95000, "date_of_joining": "2024-02-01T00:00:00.000Z", "department": "Data Science", "profile_picture": ""}]
```

Postman API Network - comp3123

**POST** http://localhost:4000/api/v1/emp/employees

Body (form-data)

Key	Value	Description
first_name	Sarah	
last_name	Johnson	
email	sarah.j@example.com	
position	Data Scientist	
salary	95000	
date_of_joining	2024-02-01	
department	Data Science	

Body (JSON)

```
{
  "message": "Employee created successfully.",
  "employee_id": "670d019435d5cf0be212fa8"
}
```

201 Created - 74 ms - 553 B - Save Response

Get Request - http://localhost:4000/api/v1/emp/employees

Authorization (Bearer Token)

Body (JSON)

```
[
  {
    "employee_id": "692c22cf3c772300ee9c7bc9",
    "first_name": "parsa",
    "last_name": "pouyan",
    "email": "parsa@gmail.com",
    "position": "manager",
    "salary": 100000,
    "date_of_joining": "2025-11-02T00:00:00.000Z",
    "department": "computer",
    "profile_picture": "/uploads/employee-1764553451244-247106905.jpg"
  },
  [
    {
      "employee_id": "692c22cf3c772300ee9c7bc9",
      "first_name": "siaavash",
      "last_name": "habibi",
      "email": "sia@gmail.com",
      "position": "Owner",
      "salary": 150000,
      "date_of_joining": "2024-10-29T00:00:00.000Z",
      "department": "computer",
      "profile_picture": ""
    },
    [
      {
        "employee_id": "692c22cf3c772300ee9c7bc9",
        "first_name": "ali",
        "last_name": "ali",
        "email": "ali@gmail.com",
        "position": "artist",
        "salary": 345000,
        "date_of_joining": "2025-11-04T00:00:00.000Z",
        "department": "art",
        "profile_picture": ""
      }
    ]
  ]
]
```

200 OK - 73 ms - 1.18 KB - Save Response

The screenshot shows the Postman application interface with a dark theme. On the left, there's a sidebar with sections for Collections, Environments, History, and Flows. The main workspace is titled "New Collection / New Request". A POST request is being made to "http://localhost:4000/api/v1/user/login". The "Body" tab is selected, showing a JSON payload:

```
1 {
2   "email": "postman@test.com",
3   "password": "test123"
4 }
```

The response status is "200 OK" with a response time of 169 ms and a size of 754 B. The response body is a JSON object:

```
1 {
2   "message": "Login successful.",
3   "jwt_token": "eyJhbGciOiJIUzI1NiJ9.eyJrIjoiMjAxMDA3ZDE1ZDViZjBhMjM5IiwidhdHMiOjE1MTc2NDU2NjkiLCJzZXNzaW9uIjoiG9zdG1hbkB0ZXRlbmVidG1sImh0dHA6MTc2NDU2Njki3M5ewiZXhIjoxNzY0LjQzMzcxfQ.dHOMeSVggq3ZDX_tw3d4_cUCfLrGUqvLs11JbgwK758"
4 }
```

At the bottom, there are tabs for Body, Cookies, Headers (1), and Test Results. The Test Results tab is currently active, showing a success message.

The second screenshot shows the same Postman interface. The main workspace is titled "New Collection / New Request". A POST request is being made to "http://localhost:4000/api/v1/user/signup". The "Body" tab is selected, showing a JSON payload:

```
1 {
2   "username": "postman_test",
3   "email": "postman@test.com",
4   "password": "test123"
5 }
```

The response status is "201 Created" with a response time of 371 ms and a size of 545 B. The response body is a JSON object:

```
1 {
2   "message": "User created successfully.",
3   "user_id": "692d007d15d5cf0b6c212af4"
4 }
```

At the bottom, there are tabs for Body, Cookies, Headers (1), and Test Results. The Test Results tab is currently active, showing a success message.