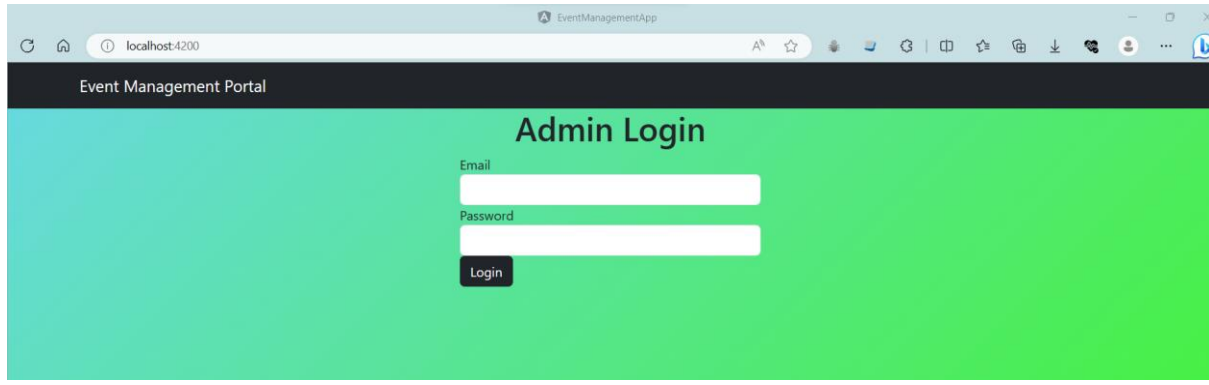


Event Management Application

Screenshots

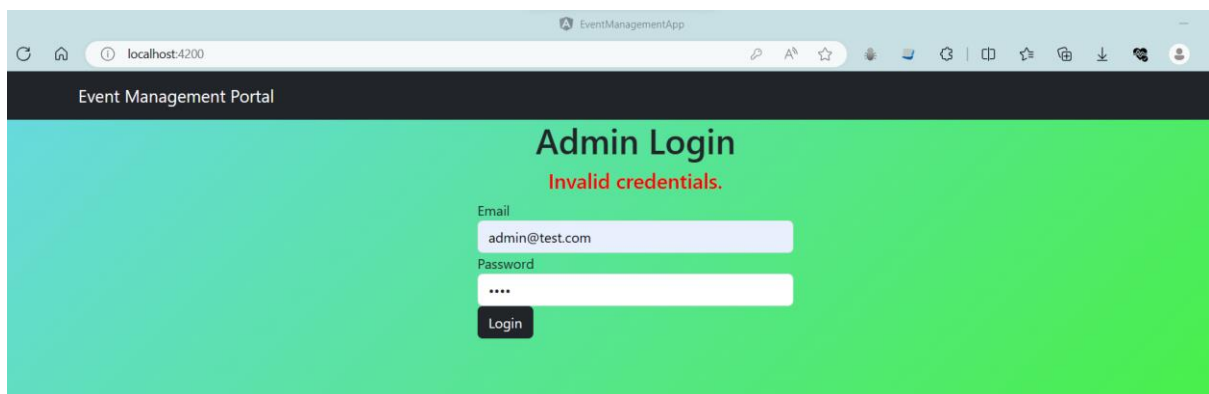
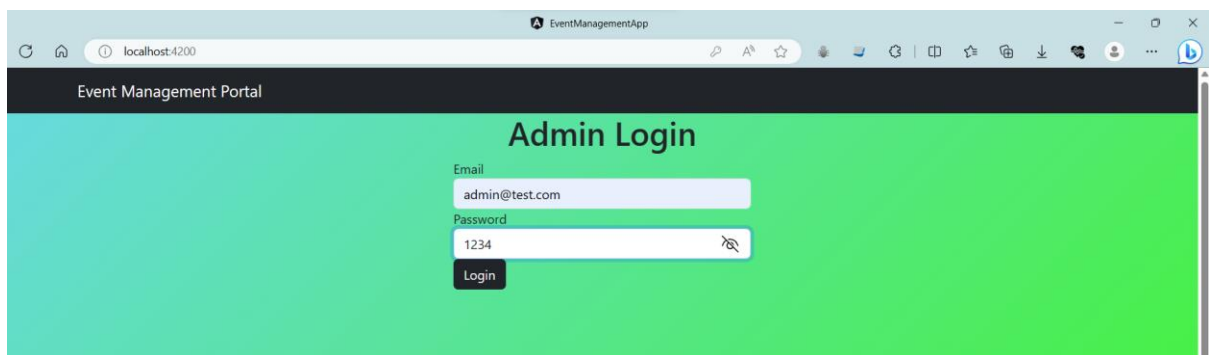
Starting Page with Admin Login:

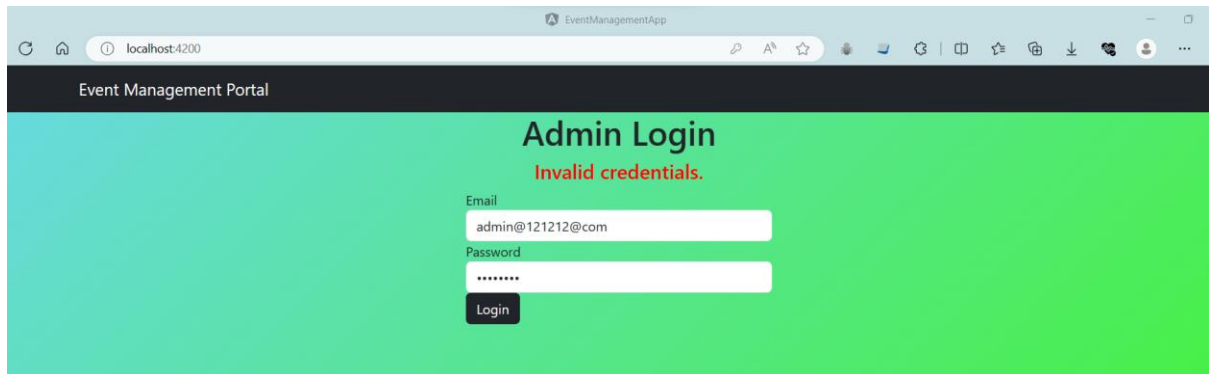
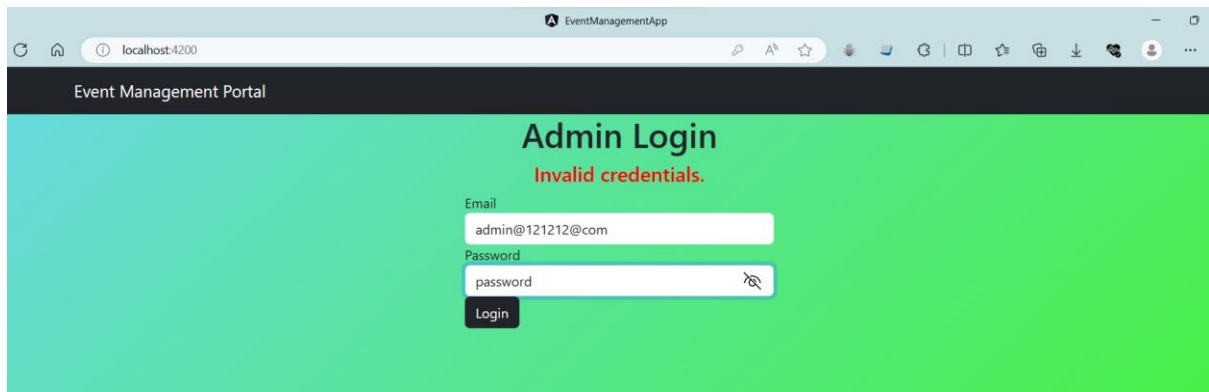


Checking invalid credentials

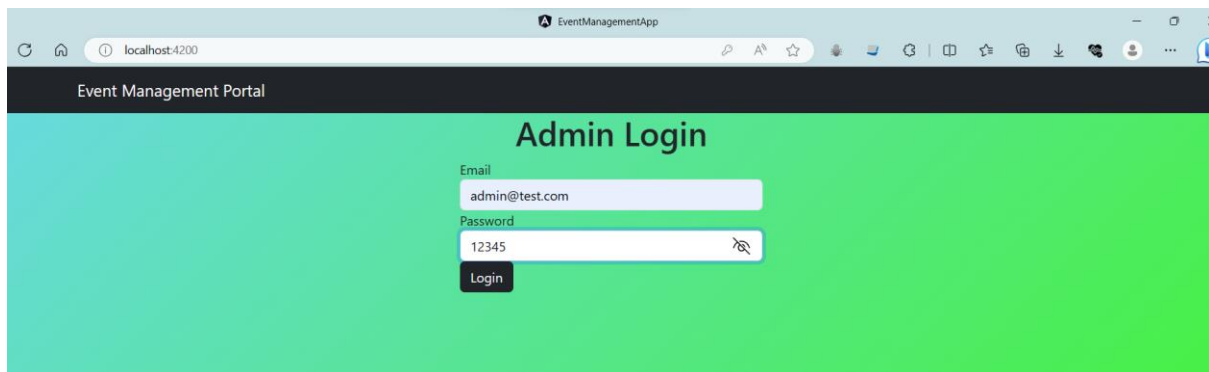
Initial admin attributes:

```
"admin": {  
  "email": "admin@test.com",  
  "password": "12345",  
  "loggedIn": false  
},
```





Providing correct details

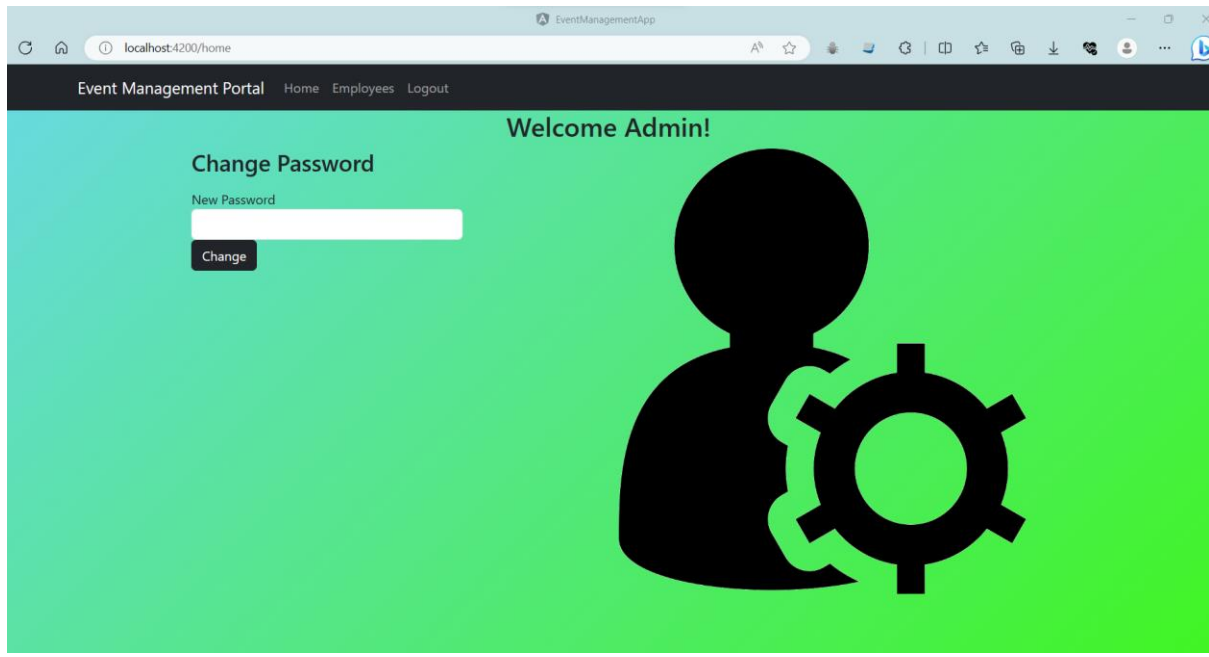


Login status – changed to true in db

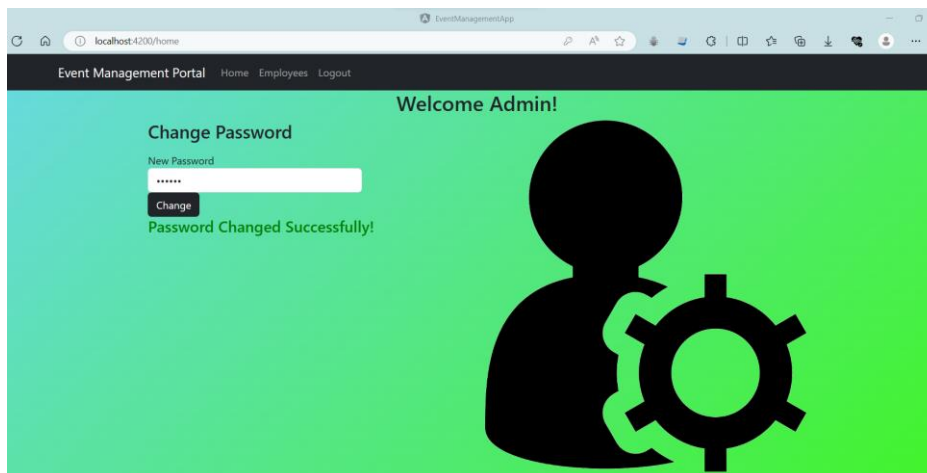
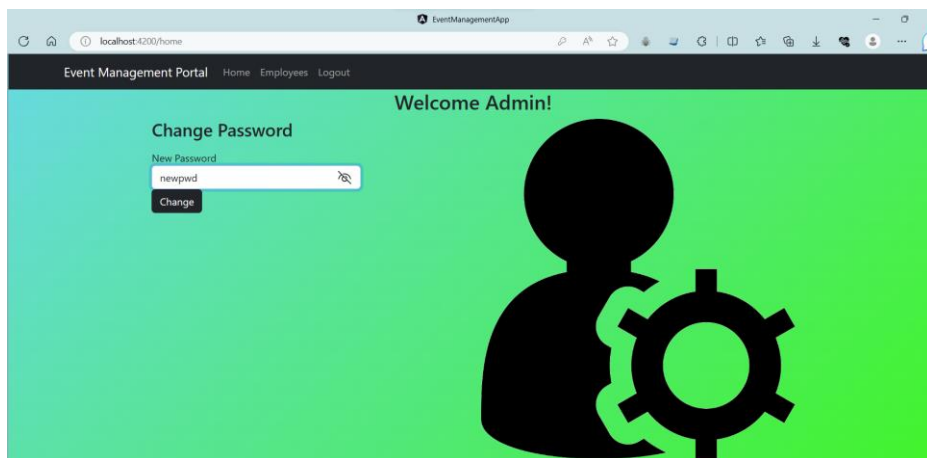
```
"admin": {  
  "email": "admin@test.com",  
  "password": "12345",  
  "loggedIn": true  
},
```

Navigation bar links – enabled only after successful login

Admin Home



Changing Password



Password – updated in db

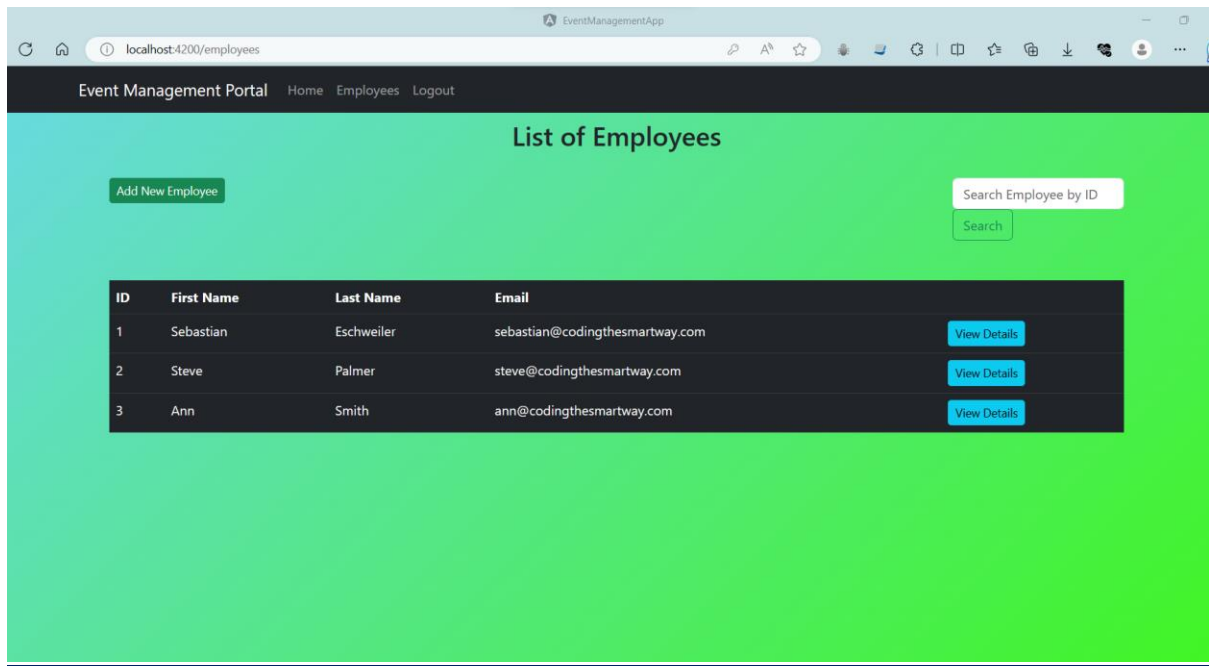
```
"admin": {  
  "email": "admin@test.com",  
  "password": "newpwd",  
  "loggedIn": true  
},
```

Employee Operations

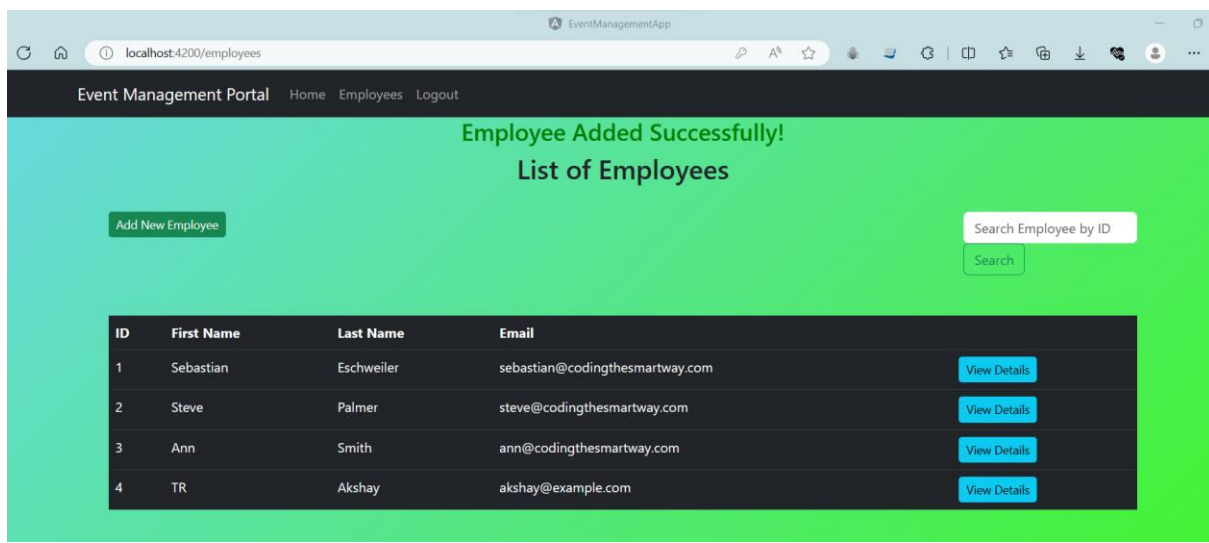
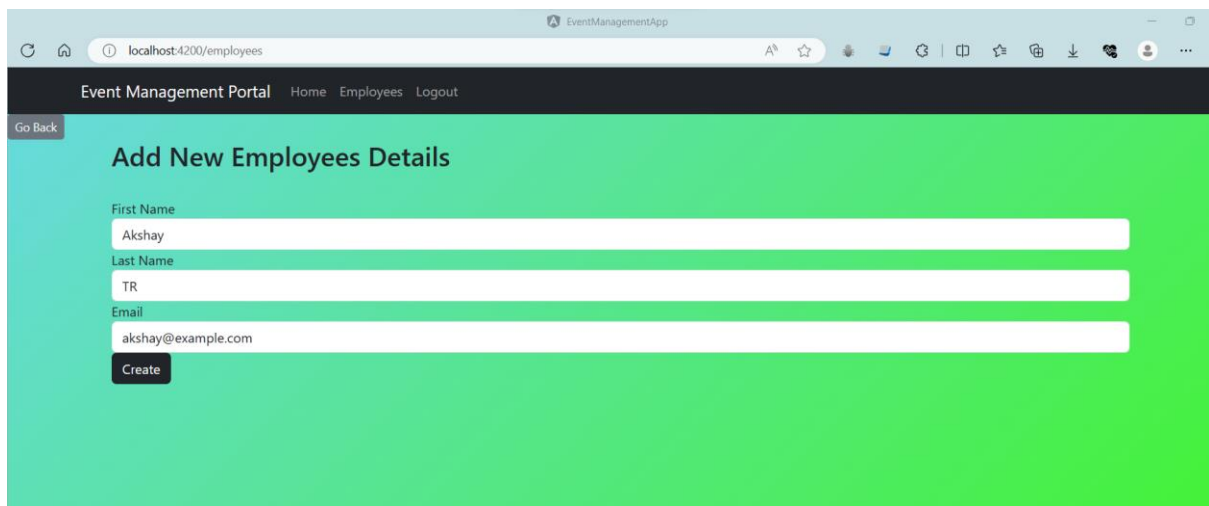
List of Employees

Initially uploaded employees in json database

```
1  {  
2    "admin": {  
3      "email": "admin@test.com",  
4      "password": "newpwd",  
5      "loggedIn": true  
6    },  
7    "employees": [  
8      {  
9        "id": 1,  
10       "first_name": "Sebastian",  
11       "last_name": "Eschweiler",  
12       "email": "sebastian@codingthesmartway.com"  
13     },  
14     {  
15       "id": 2,  
16       "first_name": "Steve",  
17       "last_name": "Palmer",  
18       "email": "steve@codingthesmartway.com"  
19     },  
20     {  
21       "id": 3,  
22       "first_name": "Ann",  
23       "last_name": "Smith",  
24       "email": "ann@codingthesmartway.com"  
25     }  
26   ]  
27 }
```



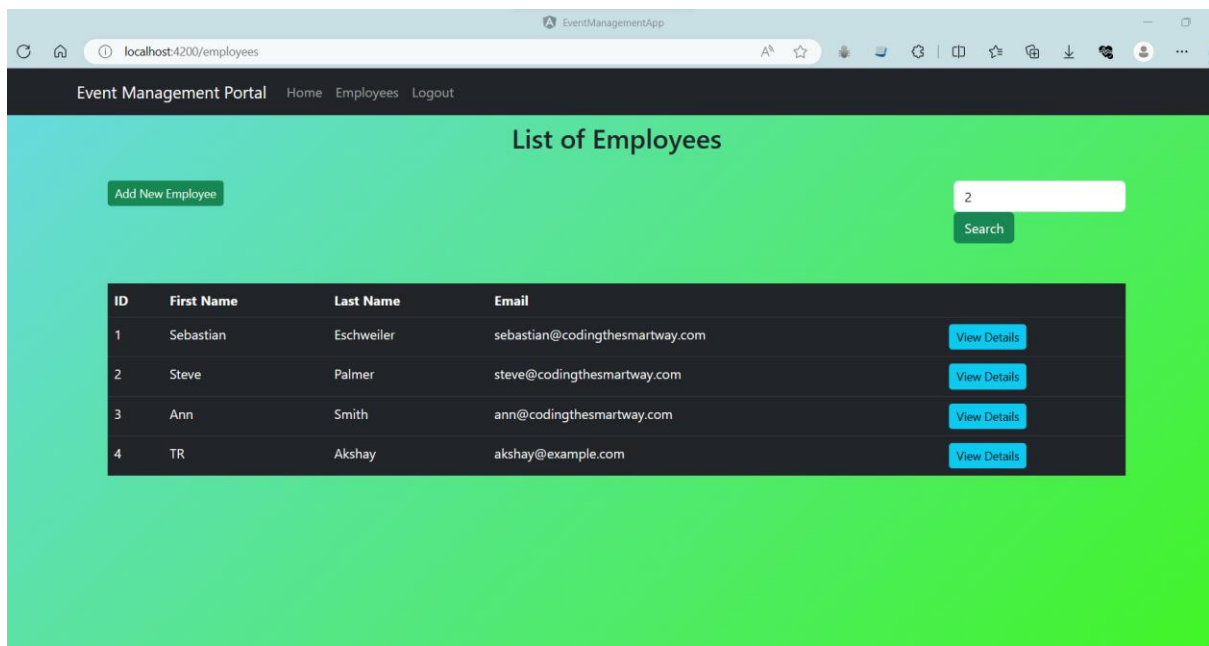
Adding New Employee



Employee data – updated in db

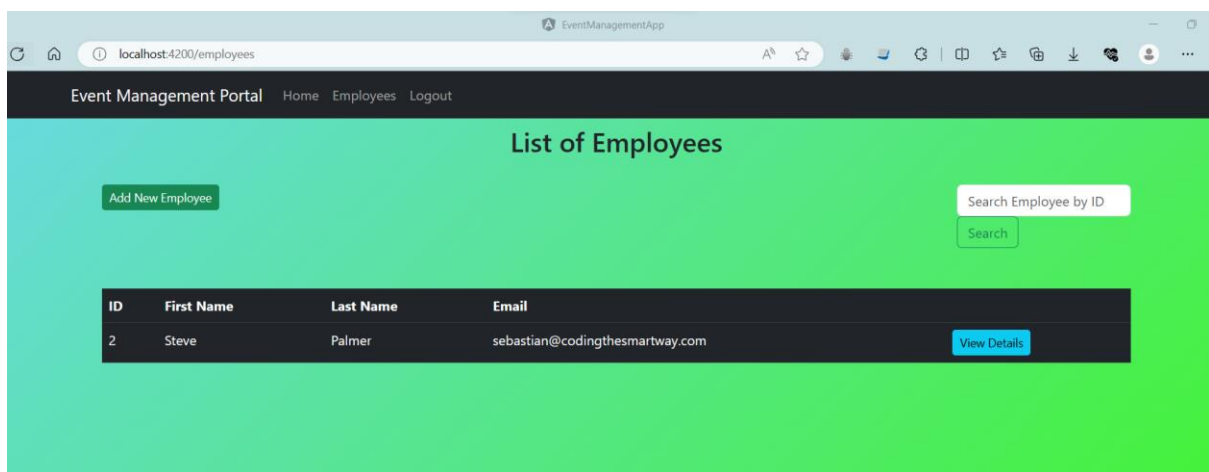
```
26 {
27   "first_name": "Akshay",
28   "last_name": "TR",
29   "email": "akshay@example.com",
30   "id": 4
31 }
32 ]
```

Searching Employee by ID – ID = 2



The screenshot shows the 'Event Management Portal' with a navigation bar containing 'Home', 'Employees', and 'Logout'. The main heading is 'List of Employees'. On the left is an 'Add New Employee' button. On the right is a search input field containing the number '2' and a 'Search' button. Below the search bar is a table with the following data:

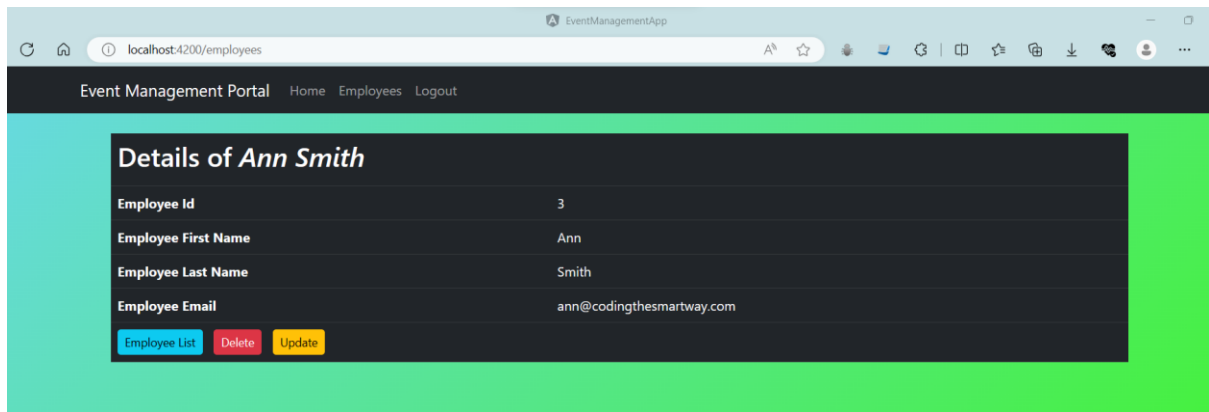
ID	First Name	Last Name	Email	
1	Sebastian	Eschweiler	sebastian@codingthesmartway.com	View Details
2	Steve	Palmer	steve@codingthesmartway.com	View Details
3	Ann	Smith	ann@codingthesmartway.com	View Details
4	TR	Akshay	akshay@example.com	View Details



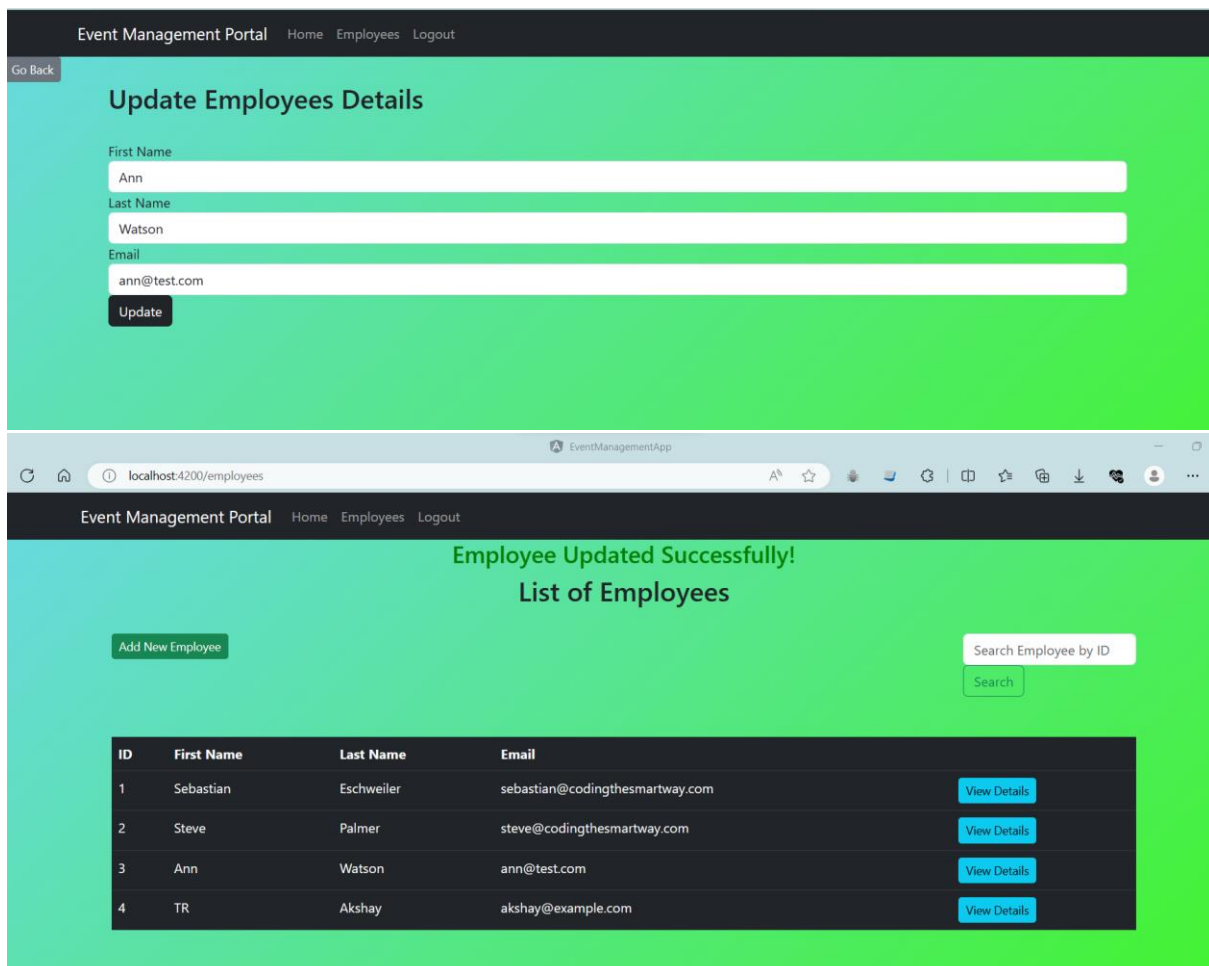
The screenshot shows the same 'Event Management Portal' but with the search input field containing the placeholder text 'Search Employee by ID'. The 'Search' button is still present. The table below now only displays the employee with ID 2:

ID	First Name	Last Name	Email	
2	Steve	Palmer	sebastian@codingthesmartway.com	View Details

Viewing details of Employee with ID 3

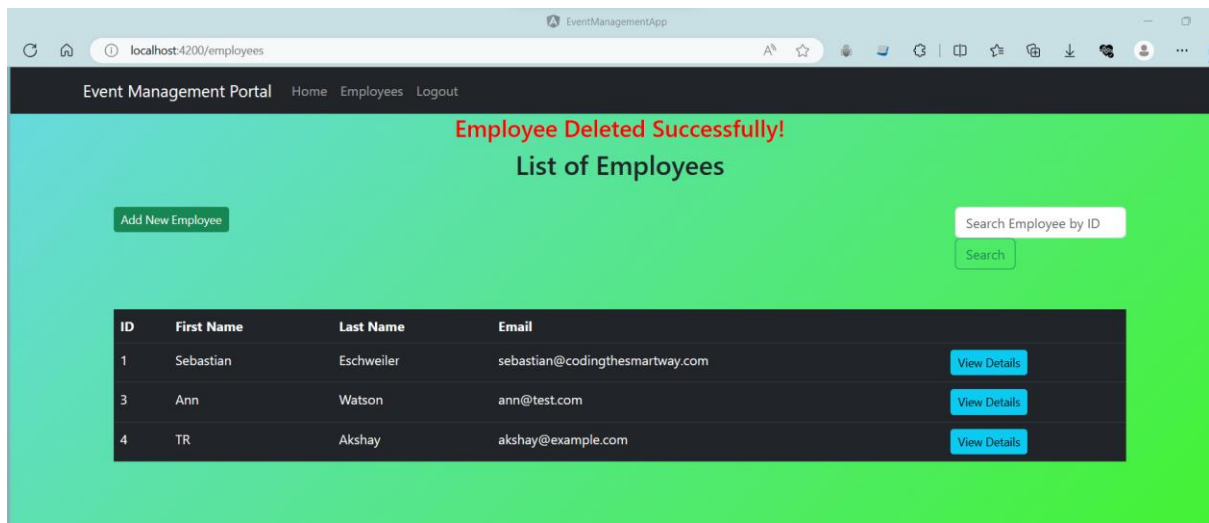


Updating details



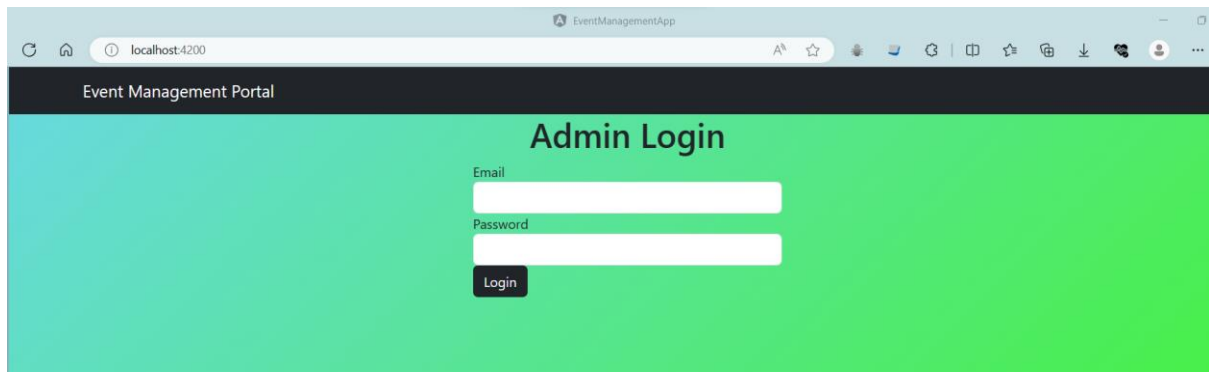
```
20 {
21   "id": 3,
22   "first_name": "Ann",
23   "last_name": "Watson",
24   "email": "ann@test.com"
25 }
```

Viewing employee with ID 2 and deleting the employee



```
1 {
2   "admin": {
3     "email": "admin@test.com",
4     "password": "newpwd",
5     "loggedIn": true
6   },
7   "employees": [
8     {
9       "id": 1,
10      "first_name": "Sebastian",
11      "last_name": "Eschweiler",
12      "email": "sebastian@codingthesmartway.com"
13    },
14    {
15      "id": 3,
16      "first_name": "Ann",
17      "last_name": "Watson",
18      "email": "ann@test.com"
19    },
20    {
21      "first_name": "Akshay",
22      "last_name": "TR",
23      "email": "akshay@example.com",
24      "id": 4
25    }
26  ]
27 }
```

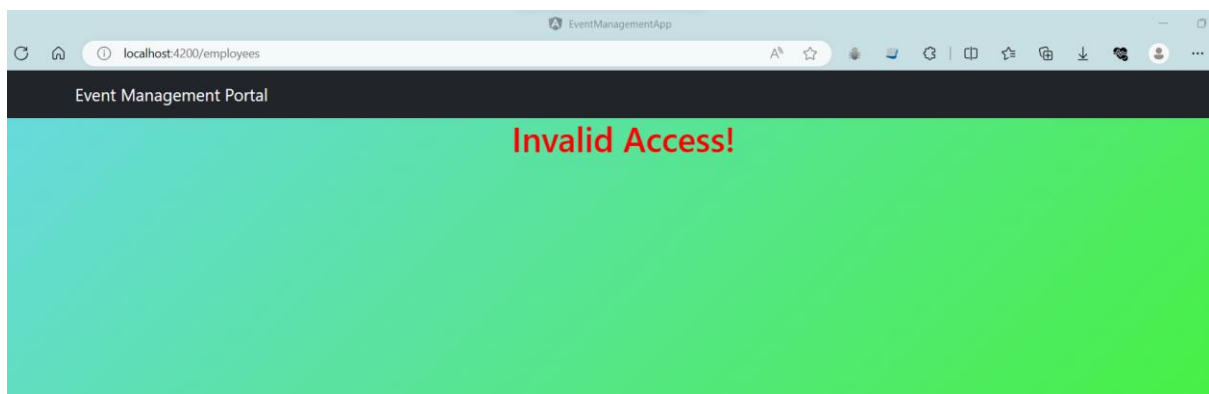
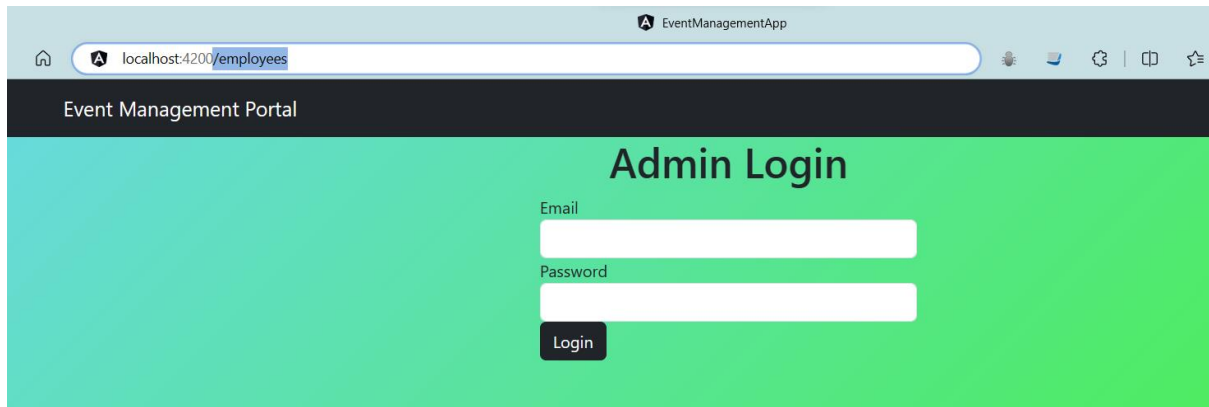

Admin logout – redirecting to starting login page



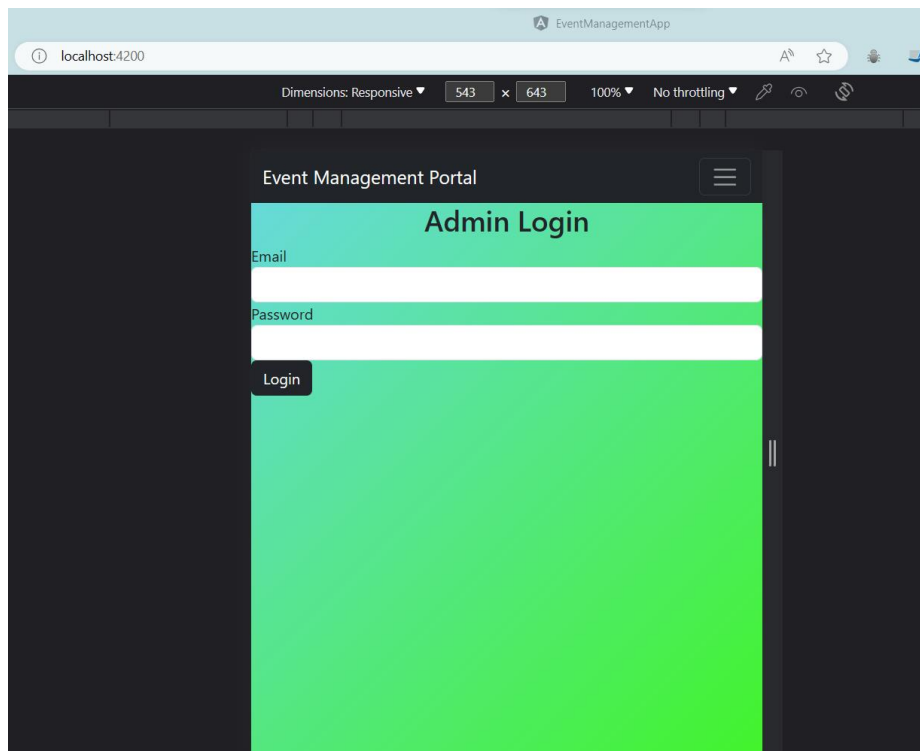
Admin loggedIn attribute – changed as false, once admin logs out

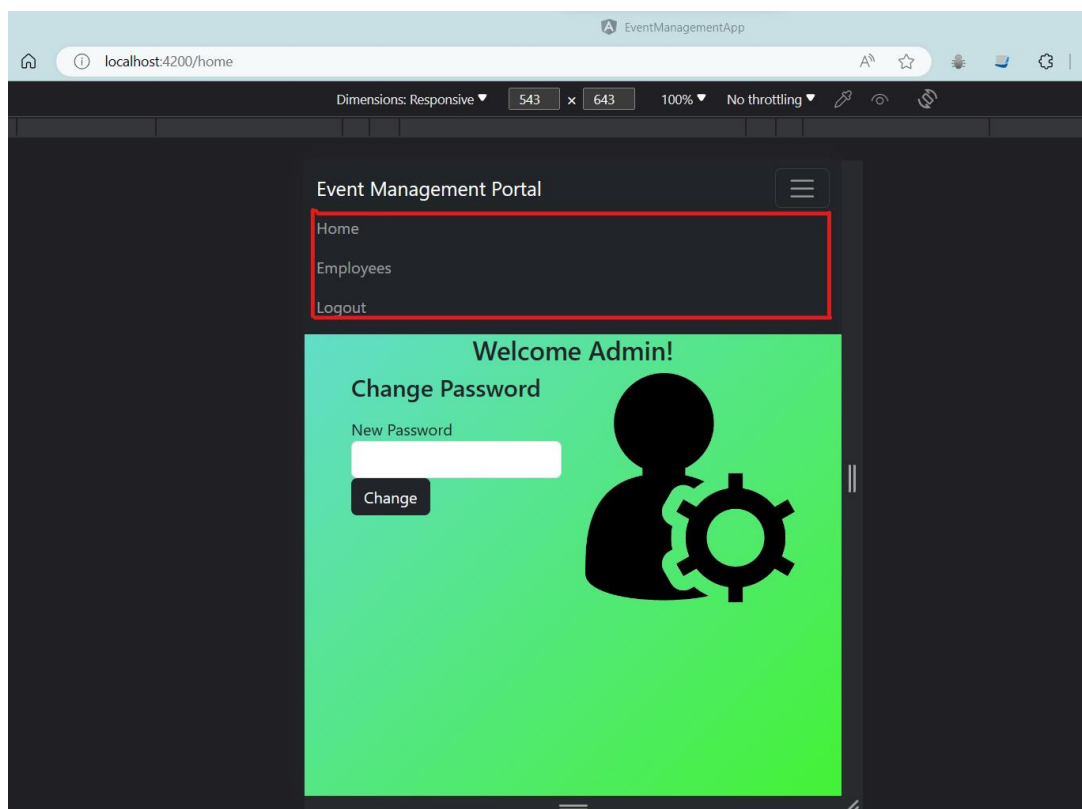
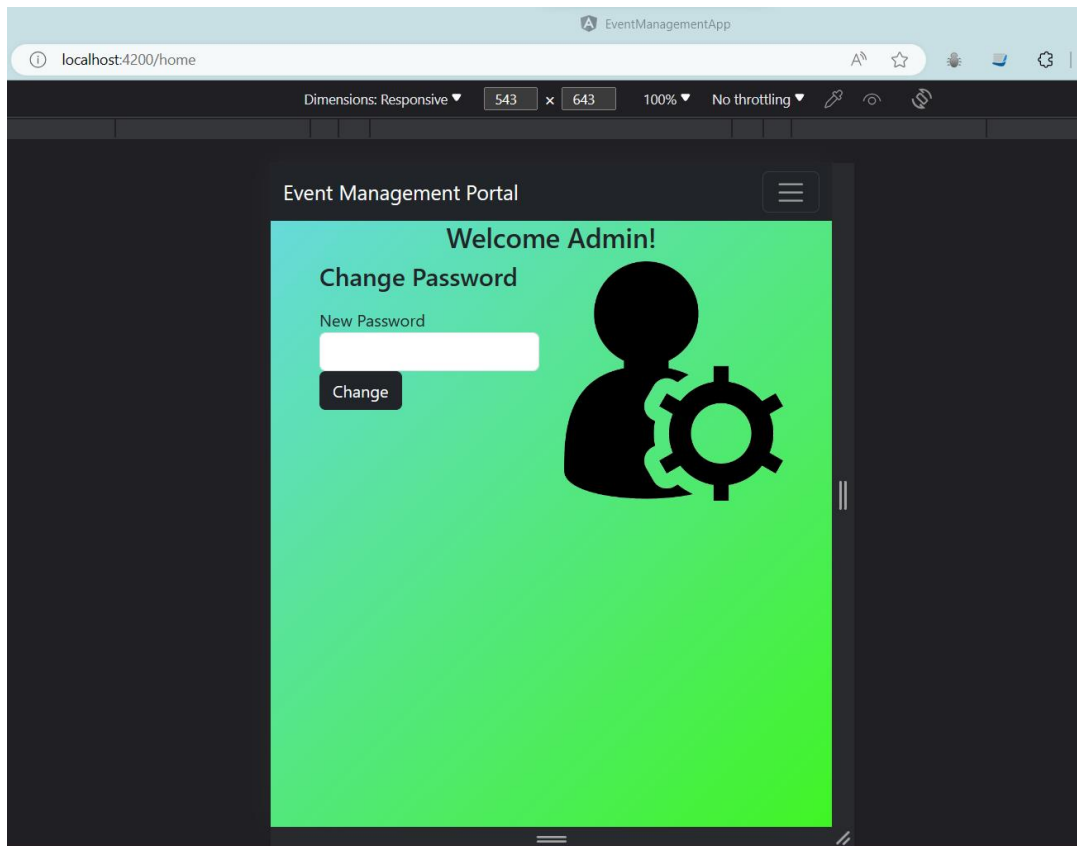
```
1  {
2    "admin": {
3      "email": "admin@test.com",
4      "password": "newpwd",
5      "loggedIn": false
6    },
7    "employees": [
8      {
9        "id": 1,
10       "first_name": "Sebastian",
11       "last_name": "Eschweiler",
12       "email": "sebastian@codingthesmartway.com"
13     },
14     {
15       "id": 3,
16       "first_name": "Ann",
17       "last_name": "Watson",
18       "email": "ann@test.com"
19     },
20     {
21       "first_name": "Akshay",
22       "last_name": "TR",
23       "email": "akshay@example.com",
24       "id": 4
25     }
26   ]
27 }
```

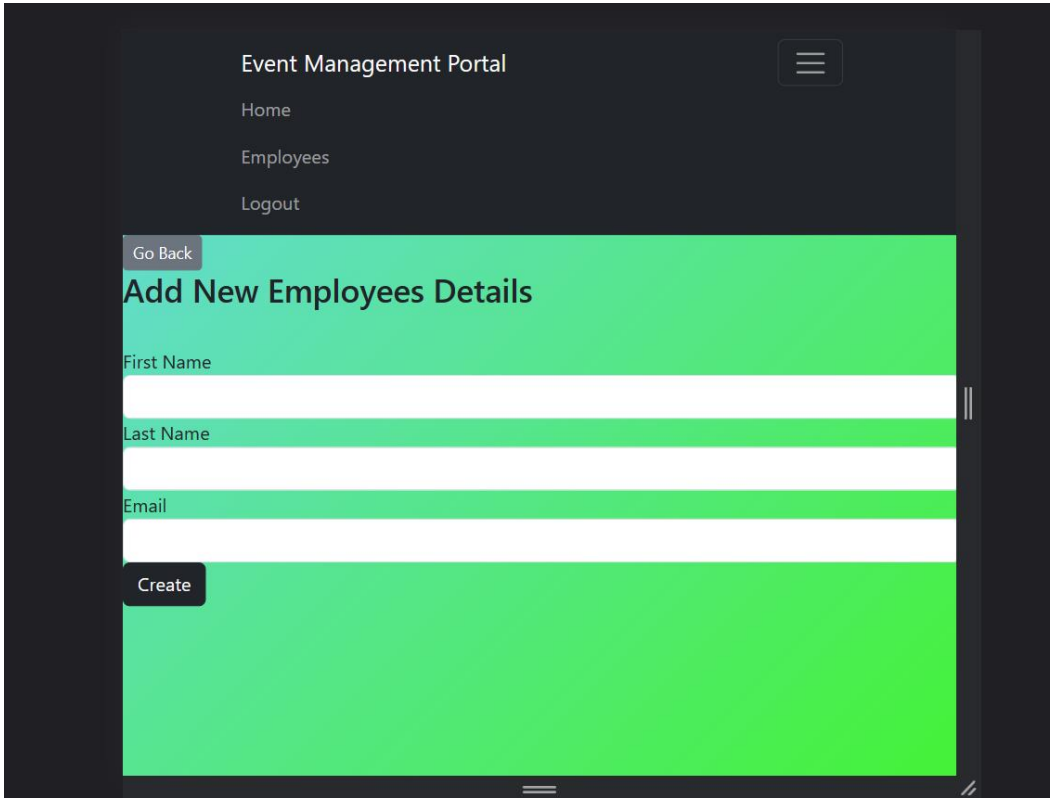
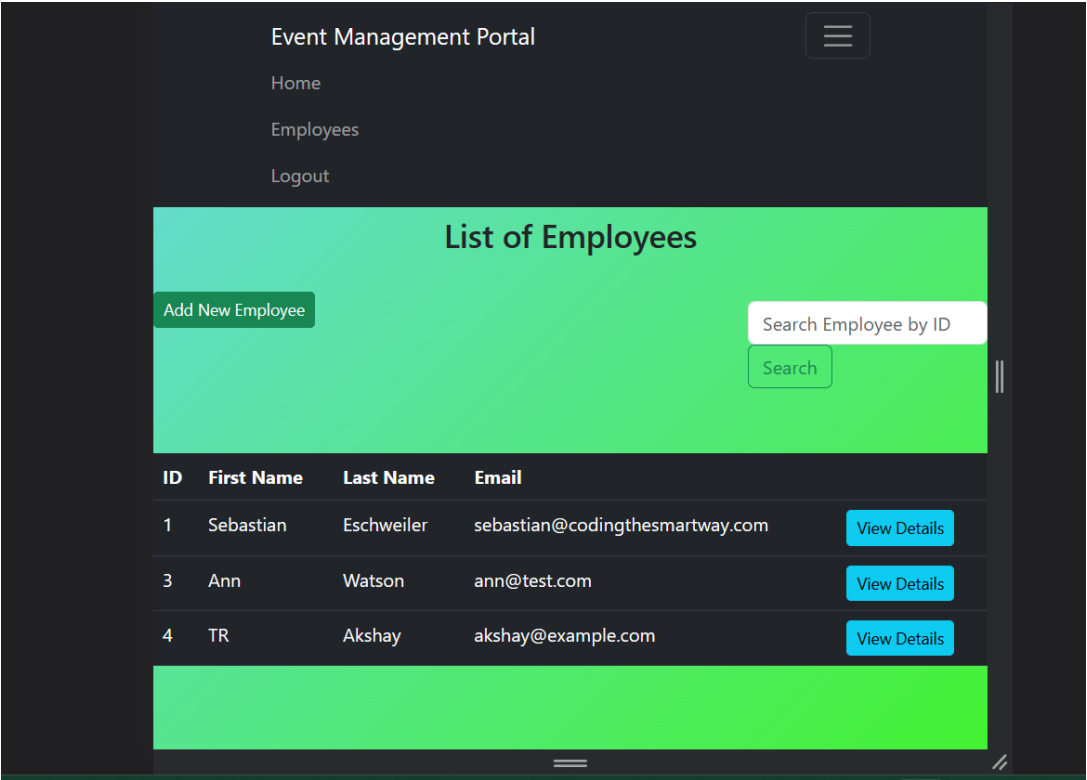
Blocking access when it's prompted to access employees by entering url in the search bar without logging in

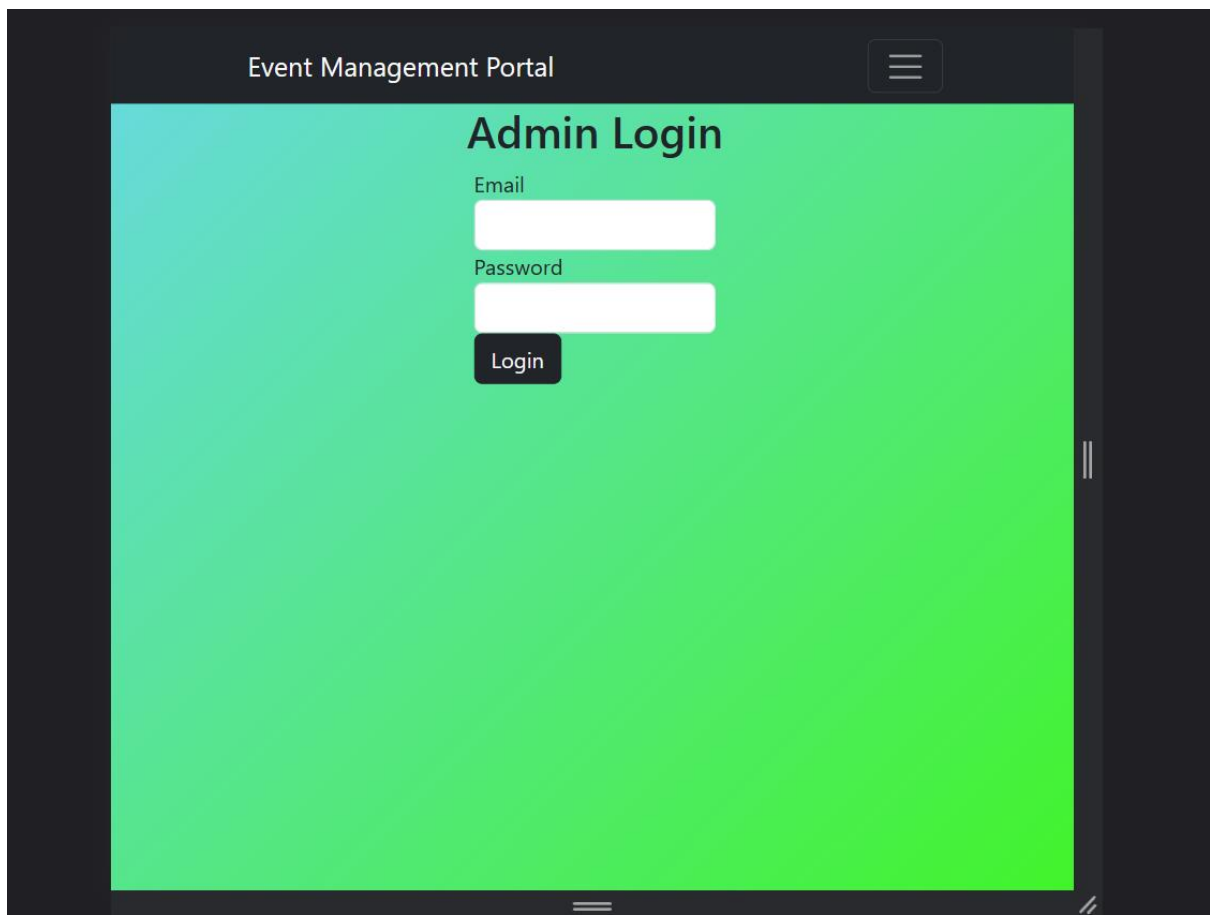
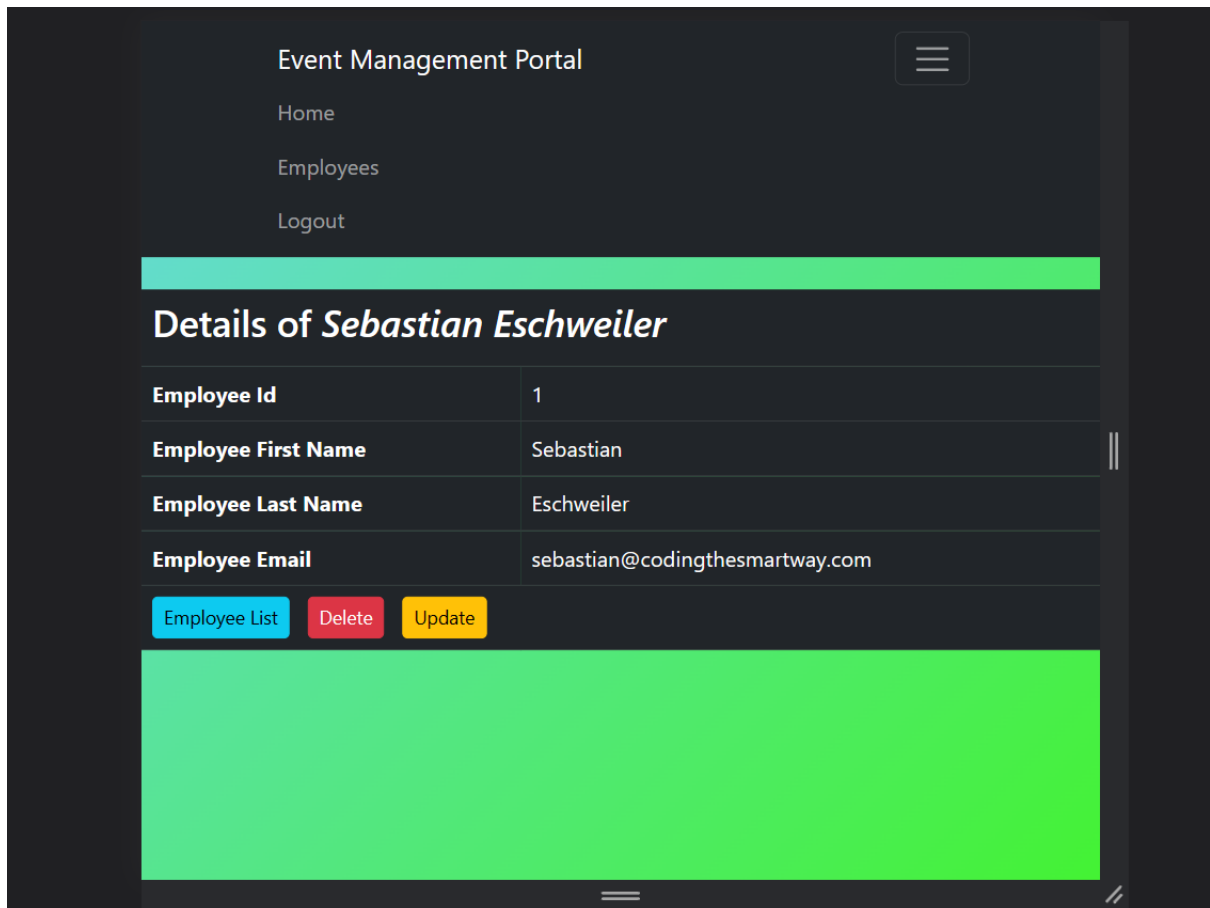


Responsiveness









HTTP requests

(From service)

```
export class AdminOperationsService {
  constructor(private http: HttpClient) {}

  public getAdminDetails(): Observable<any> {
    return this.http.get('http://localhost:3000/admin');
  }
  public updateAdminDetails(admin: any): Observable<any> {
    return this.http.put('http://localhost:3000/admin', admin);
  }
  public getAllEmployees(): Observable<any> {
    return this.http.get('http://localhost:3000/employees');
  }
  public getEmployeeById(id:number):Observable<any>{
    return this.http.get('http://localhost:3000/employees/'+id);
  }
  public addEmployee(employee:any):Observable<any>{
    return this.http.post('http://localhost:3000/employees',employee);
  }
  public updateEmployee(employee:any):Observable<any>{
    return this.http.put('http://localhost:3000/employees/'+employee.id,employee);
  }
  public deleteEmployee(id:number):Observable<any>{
    return this.http.delete('http://localhost:3000/employees/'+id);
  }
}
```

(requests passed to JSON server)

```
GET /admin 304 10.785 ms - -
GET /employees 200 3.768 ms - 473
GET /admin 304 24.578 ms - -
GET /admin 304 17.380 ms - -
GET /employees/2 304 18.234 ms - -
GET /admin 304 27.505 ms - -
GET /admin 304 26.669 ms - -
GET /admin 304 4.172 ms - -
GET /employees 304 6.446 ms - -
GET /admin 304 33.327 ms - -
PUT /employees/3 200 32.952 ms - 88
GET /employees 200 15.584 ms - 461
GET /admin 304 19.303 ms - -
DELETE /employees/2 200 29.433 ms - 2
GET /employees 200 3.782 ms - 342
GET /admin 304 22.556 ms - -
GET /admin 304 28.534 ms - -
GET /admin 304 27.301 ms - -
GET /admin 304 8.118 ms - -
GET /employees 304 7.653 ms - -
GET /admin 304 27.163 ms - -
GET /admin 304 32.023 ms - -
GET /admin 304 7.981 ms - -
GET /employees 304 4.371 ms - -
GET /admin 304 17.165 ms - -
GET /admin 304 8.455 ms - -
```