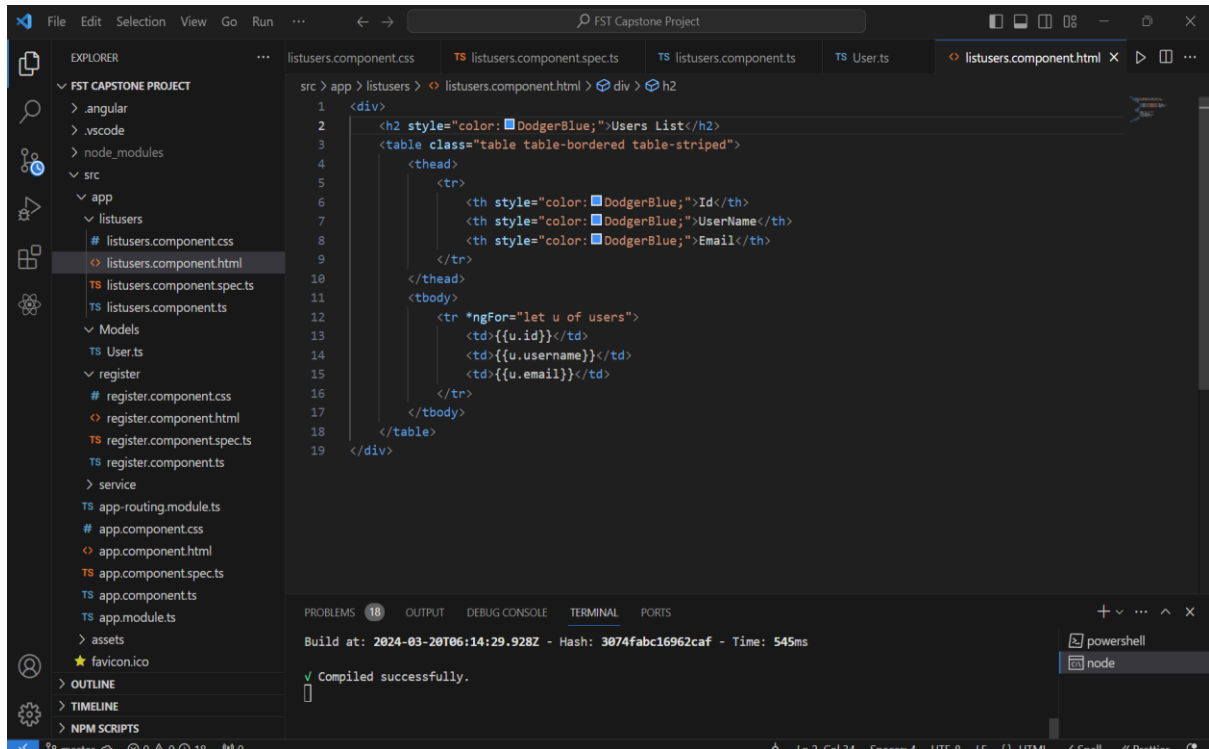


FSD-CAPSTONE PROJECT: Health Care Application.

Angular Part:-

List users:

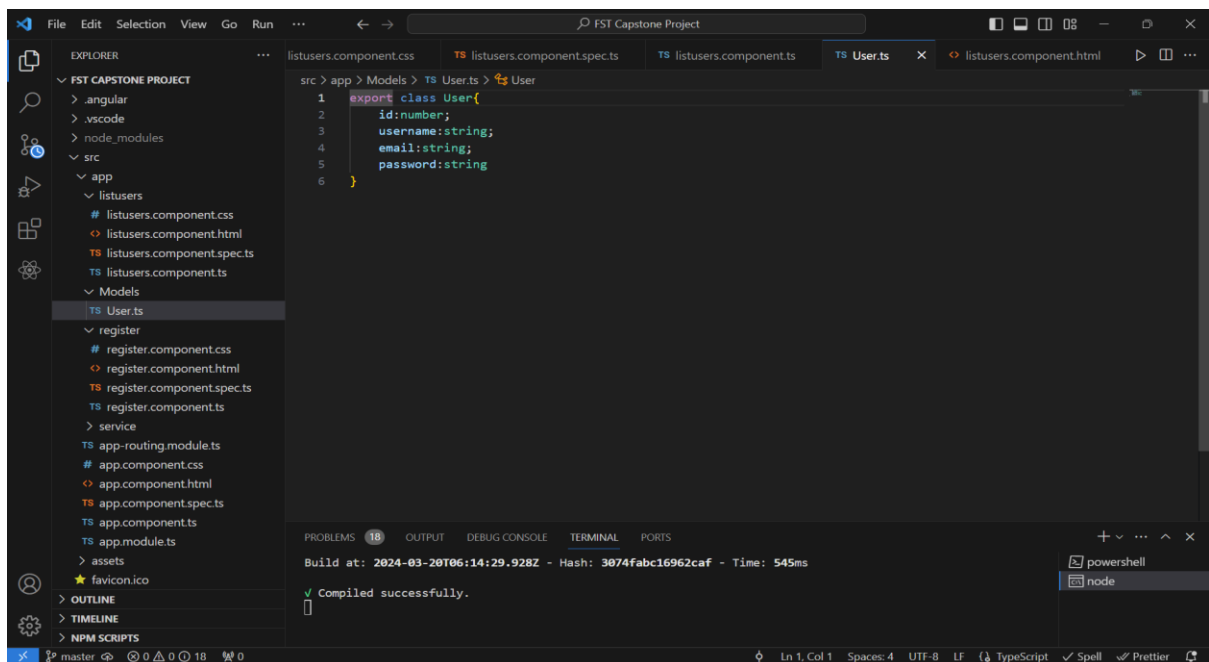


```
src > app > listusers > listusers.component.html > div > h2
1 <div>
2   <h2 style="color: DodgerBlue;">Users List</h2>
3   <table class="table table-bordered table-striped">
4     <thead>
5       <tr>
6         <th style="color: DodgerBlue;">Id</th>
7         <th style="color: DodgerBlue;">UserName</th>
8         <th style="color: DodgerBlue;">Email</th>
9       </tr>
10    </thead>
11    <tbody>
12      <tr *ngFor="let u of users">
13        <td>{{u.id}}</td>
14        <td>{{u.username}}</td>
15        <td>{{u.email}}</td>
16      </tr>
17    </tbody>
18  </table>
19 </div>
```

Build at: 2024-03-20T06:14:29.928Z - Hash: 3074fab16962caf - Time: 545ms

✓ Compiled successfully.

List User:

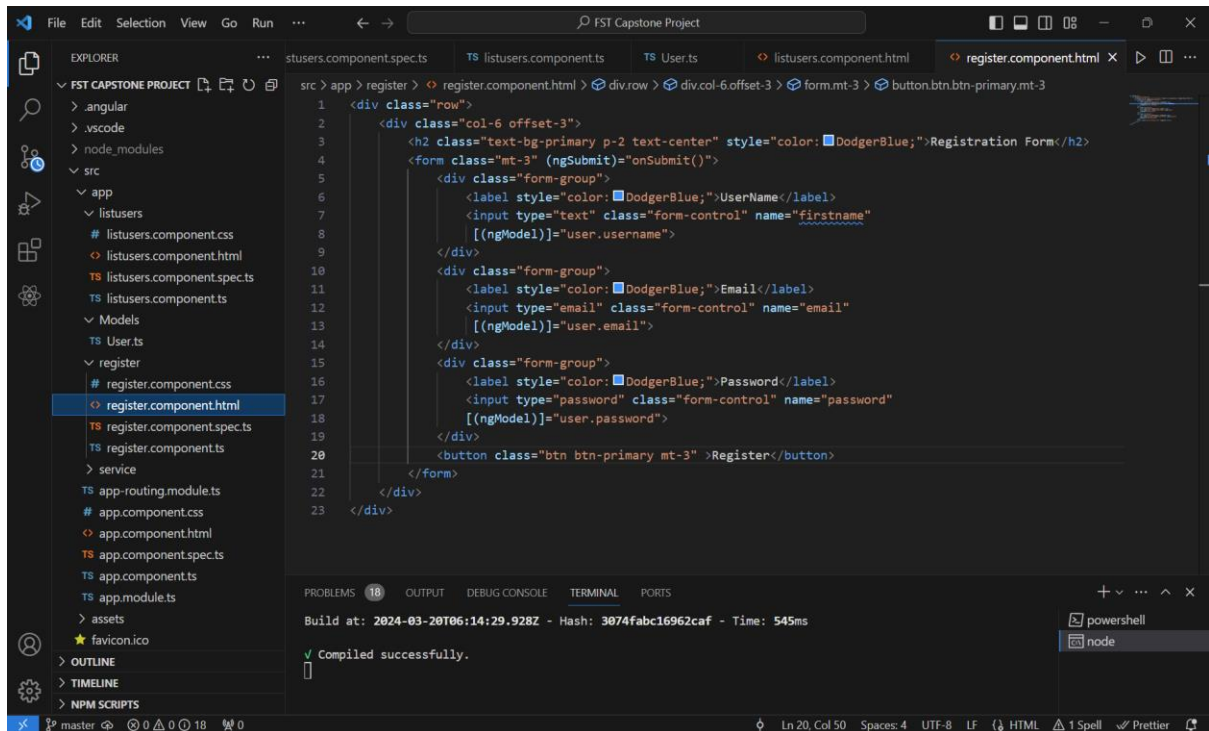


```
src > app > Models > TS User > User
1 export class User{
2   id:number;
3   username:string;
4   email:string;
5   password:string
6 }
```

Build at: 2024-03-20T06:14:29.928Z - Hash: 3074fab16962caf - Time: 545ms

✓ Compiled successfully.

Register component:

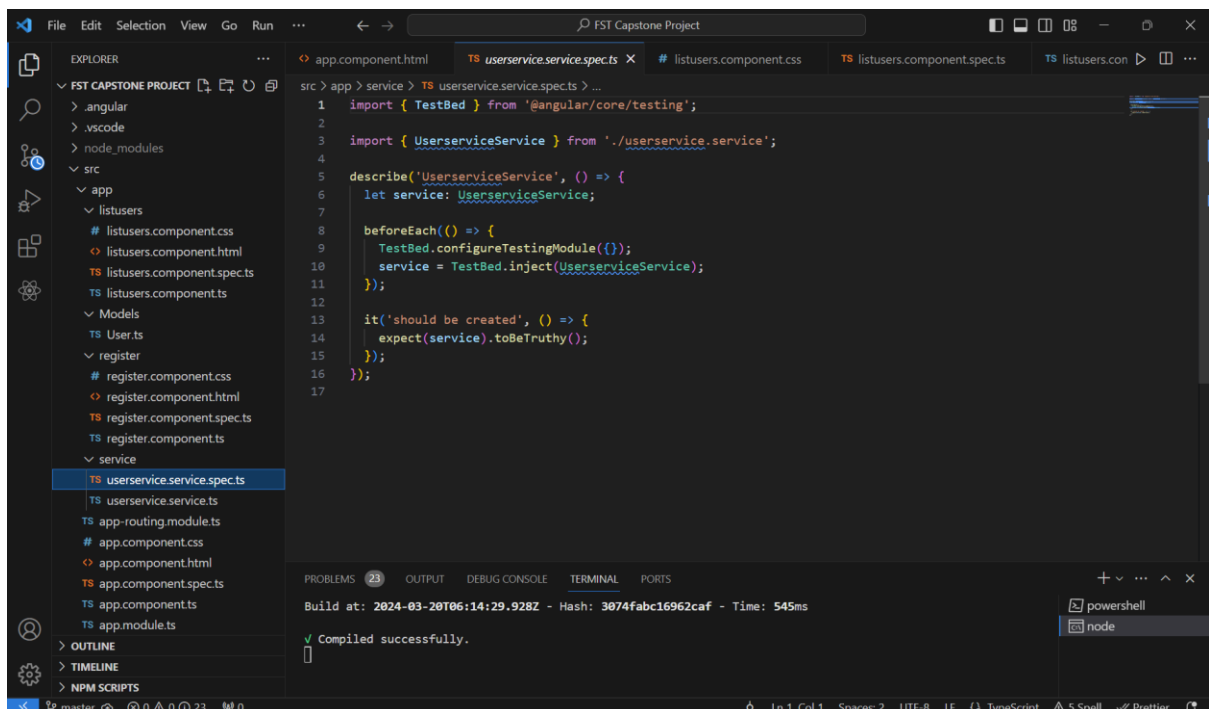


```
1 <div class="row">
2   <div class="col-6 offset-3">
3     <h2 class="text-bg-primary p-2 text-center" style="color: DodgerBlue;">Registration Form</h2>
4     <form class="mt-3" (ngSubmit)="onSubmit()">
5       <div class="form-group">
6         <label style="color: DodgerBlue;">UserName</label>
7         <input type="text" class="form-control" name="firstname"
8           [(ngModel)]="user.username">
9       </div>
10      <div class="form-group">
11        <label style="color: DodgerBlue;">Email</label>
12        <input type="email" class="form-control" name="email"
13          [(ngModel)]="user.email">
14      </div>
15      <div class="form-group">
16        <label style="color: DodgerBlue;">Password</label>
17        <input type="password" class="form-control" name="password"
18          [(ngModel)]="user.password">
19      </div>
20      <button class="btn btn-primary mt-3">Register</button>
21    </form>
22  </div>
23 </div>
```

Build at: 2024-03-20T06:14:29.928Z - Hash: 3074fab16962caf - Time: 545ms

✓ Compiled successfully.

Service component:

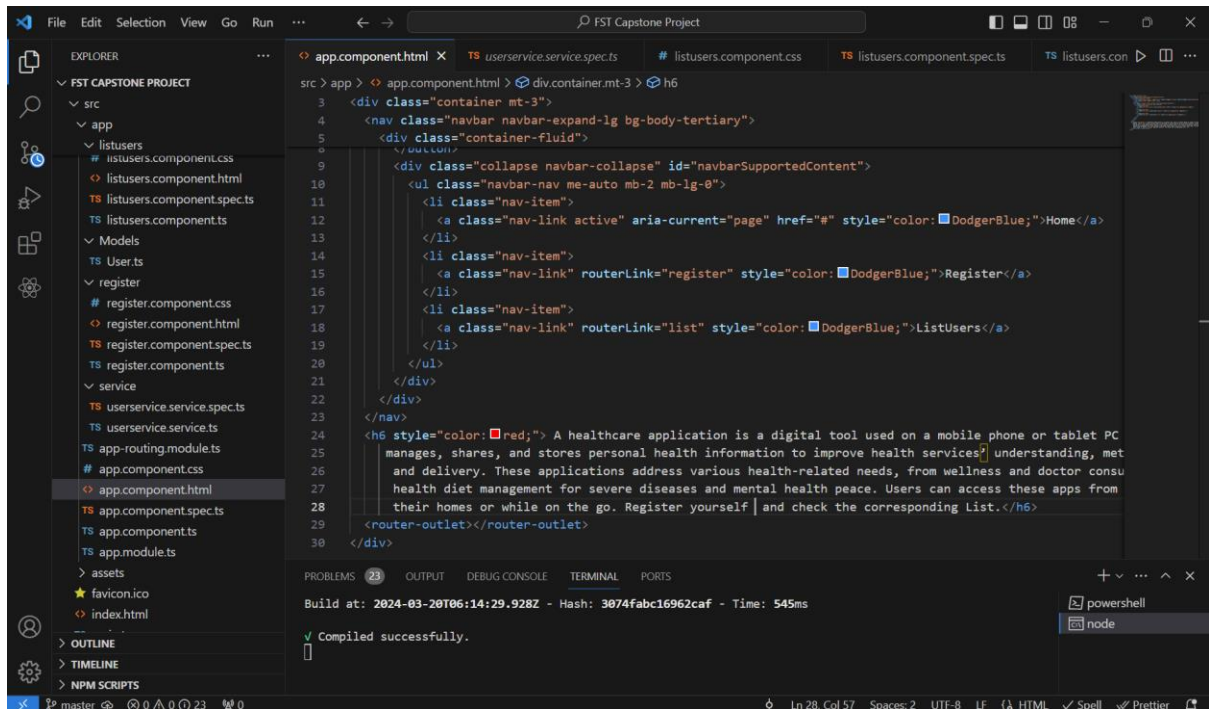


```
1 import { TestBed } from '@angular/core/testing';
2
3 import { UserserviceService } from './userservice.service';
4
5 describe('UserserviceService', () => {
6   let service: UserserviceService;
7
8   beforeEach(() => {
9     TestBed.configureTestingModule({});
10    service = TestBed.inject(UserserviceService);
11  });
12
13  it('should be created', () => {
14    expect(service).toBeTruthy();
15  });
16 });
```

Build at: 2024-03-20T06:14:29.928Z - Hash: 3074fab16962caf - Time: 545ms

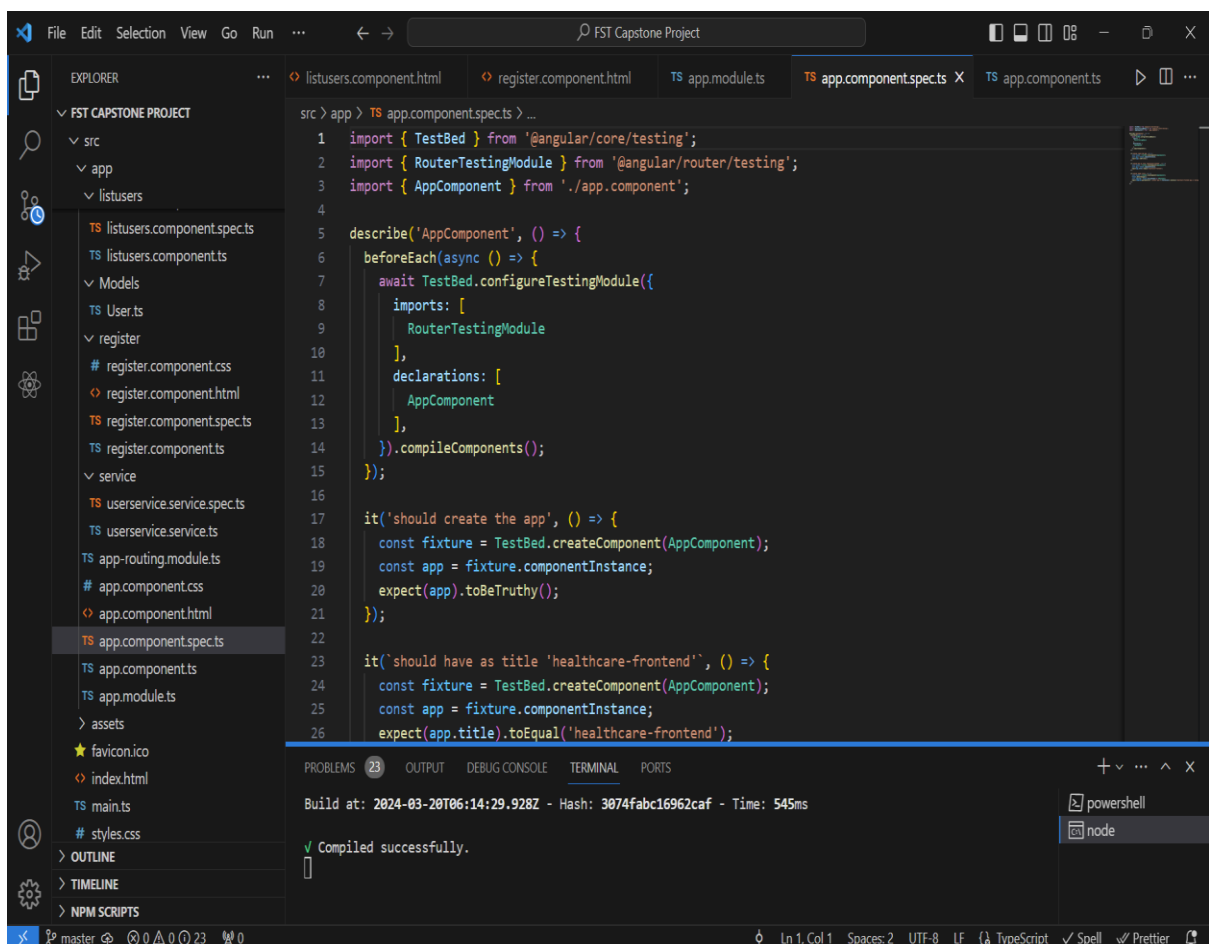
✓ Compiled successfully.

App Component:



```
src > app > < app.component.html > <div.container-mt-3> <h6
3   <div class="container mt-3">
4     <nav class="navbar navbar-expand-lg bg-body-tertiary">
5       <div class="container-fluid">
6         <div class="collapse navbar-collapse" id="navbarSupportedContent">
7           <ul class="navbar-nav me-auto mb-2 mb-lg-0">
8             <li class="nav-item">
9               <a class="nav-link active" aria-current="page" href="#" style="color: #007bff;">Home</a>
10            </li>
11            <li class="nav-item">
12              <a class="nav-link" routerLink="register" style="color: #007bff;">Register</a>
13            </li>
14            <li class="nav-item">
15              <a class="nav-link" routerLink="list" style="color: #007bff;">ListUsers</a>
16            </li>
17          </ul>
18        </div>
19      </div>
20    </nav>
21    <h6 style="color: #dc3545;">A healthcare application is a digital tool used on a mobile phone or tablet PC
22    manages, shares, and stores personal health information to improve health services understanding, met
23    and delivery. These applications address various health-related needs, from wellness and doctor consu
24    health diet management for severe diseases and mental health peace. Users can access these apps from
25    their homes or while on the go. Register yourself | and check the corresponding List.</h6>
26  </div>
27
28
29
30 </div>
```

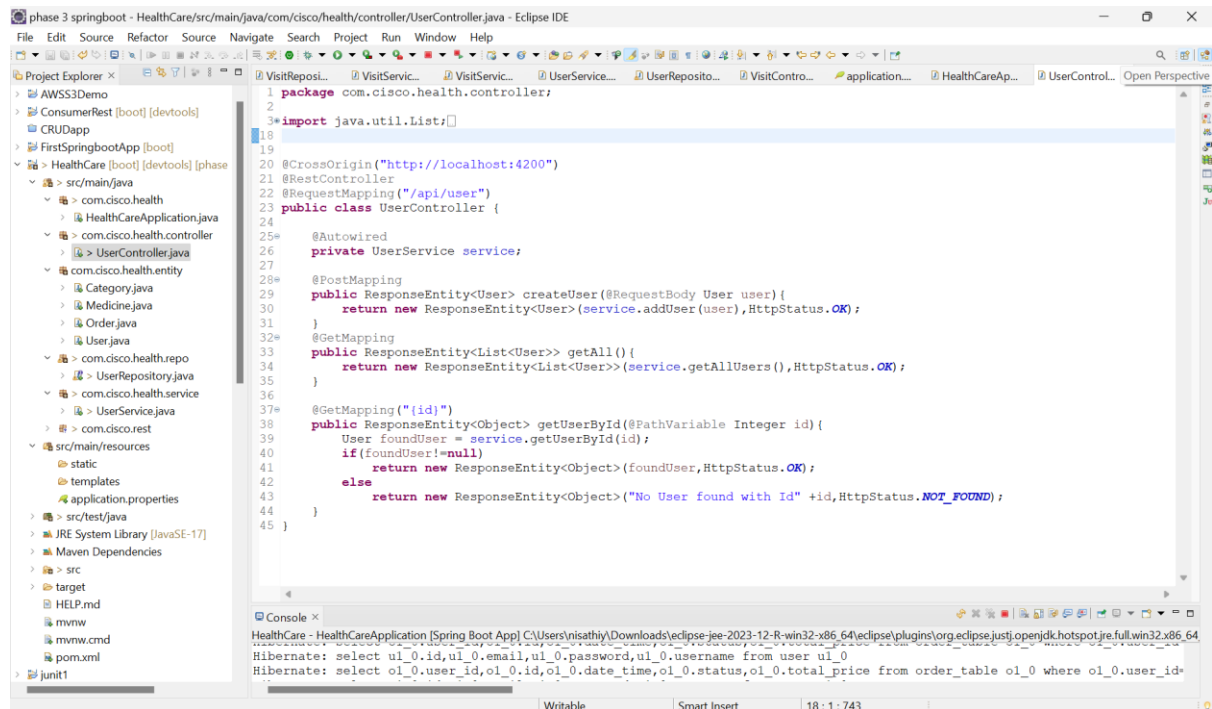
App Component.spec.ts



```
src > app > TS app.component.spec.ts > ...
1  import { TestBed } from '@angular/core/testing';
2  import { RouterTestingModule } from '@angular/router/testing';
3  import { AppComponent } from './app.component';
4
5  describe('AppComponent', () => {
6    beforeEach(async () => {
7      await TestBed.configureTestingModule({
8        imports: [
9          RouterTestingModule
10        ],
11        declarations: [
12          AppComponent
13        ],
14      }).compileComponents();
15    });
16
17    it('should create the app', () => {
18      const fixture = TestBed.createComponent(AppComponent);
19      const app = fixture.componentInstance;
20      expect(app).toBeTruthy();
21    });
22
23    it('should have as title \'healthcare-frontend\'', () => {
24      const fixture = TestBed.createComponent(AppComponent);
25      const app = fixture.componentInstance;
26      expect(app.title).toEqual('healthcare-frontend');
27    });
28  });
```

Backend Part in Eclipse:

User Controller:

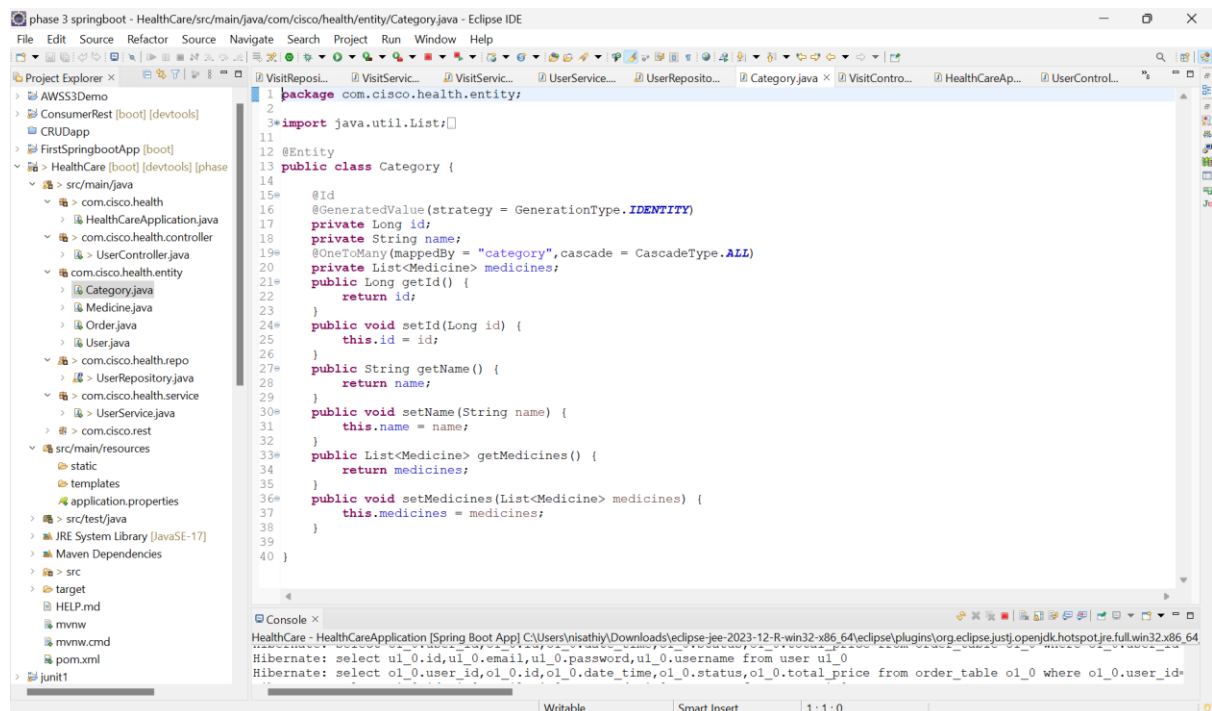


```
1 package com.cisco.health.controller;
2
3 import java.util.List;
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20 @CrossOrigin("http://localhost:4200")
21 @RestController
22 @RequestMapping("/api/user")
23 public class UserController {
24
25     @Autowired
26     private UserService service;
27
28     @PostMapping
29     public ResponseEntity<User> createUser(@RequestBody User user) {
30         return new ResponseEntity<User>(service.addUser(user), HttpStatus.OK);
31     }
32
33     @GetMapping
34     public ResponseEntity<List<User>> getAll() {
35         return new ResponseEntity<List<User>>(service.getAllUsers(), HttpStatus.OK);
36     }
37
38     @GetMapping("/{id}")
39     public ResponseEntity<Object> getUserById(@PathVariable Integer id) {
40         User foundUser = service.getUserById(id);
41         if(foundUser != null)
42             return new ResponseEntity<Object>(foundUser, HttpStatus.OK);
43         else
44             return new ResponseEntity<Object>("No User found with Id" + id, HttpStatus.NOT_FOUND);
45     }
46 }
```

Console:

```
HealthCare - HealthCareApplication [Spring Boot App] C:\Users\nisathiy\Downloads\eclipse-jee-2023-12-R-win32-x86_64\eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64
Hibernate: select ul_0.id,ul_0.email,ul_0.password,ul_0.username from user ul_0
Hibernate: select o1_0.user_id,o1_0.id,o1_0.date_time,o1_0.status,o1_0.total_price from order_table o1_0 where o1_0.user_id=
```

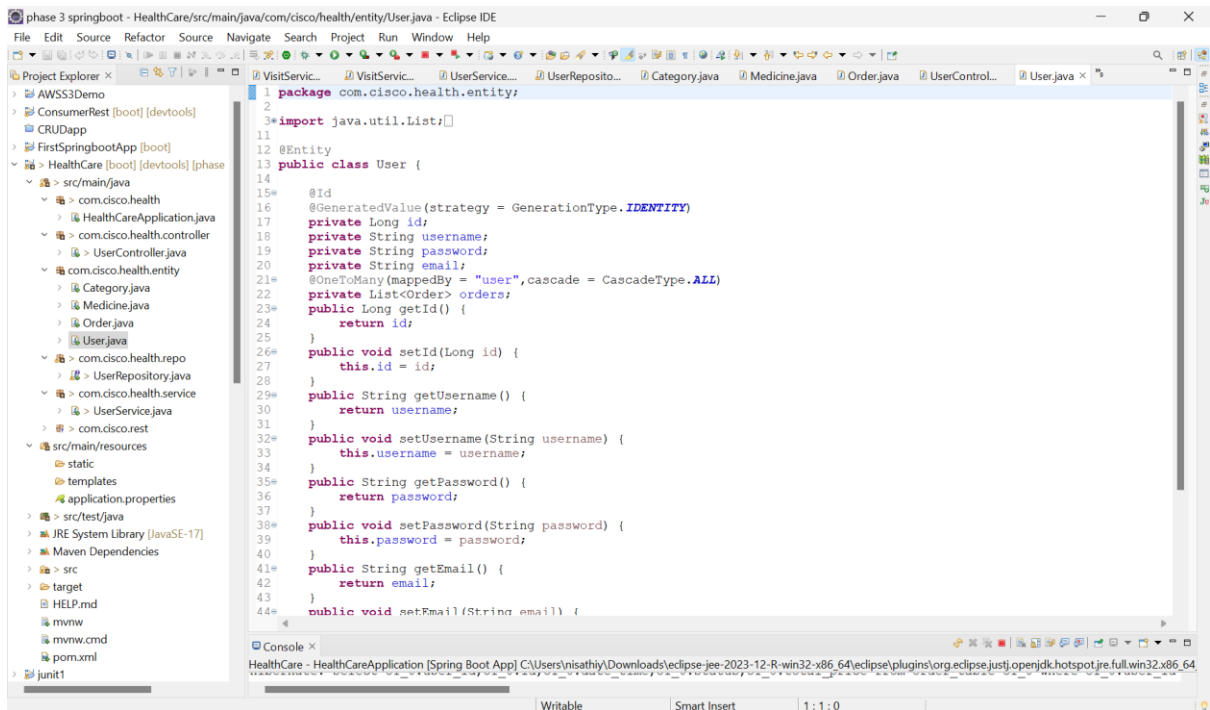
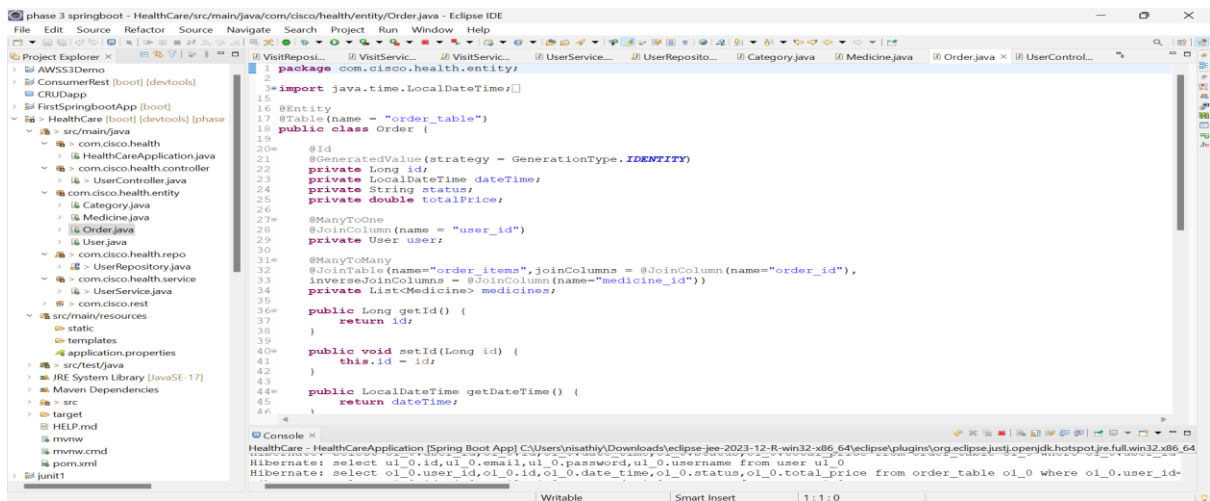
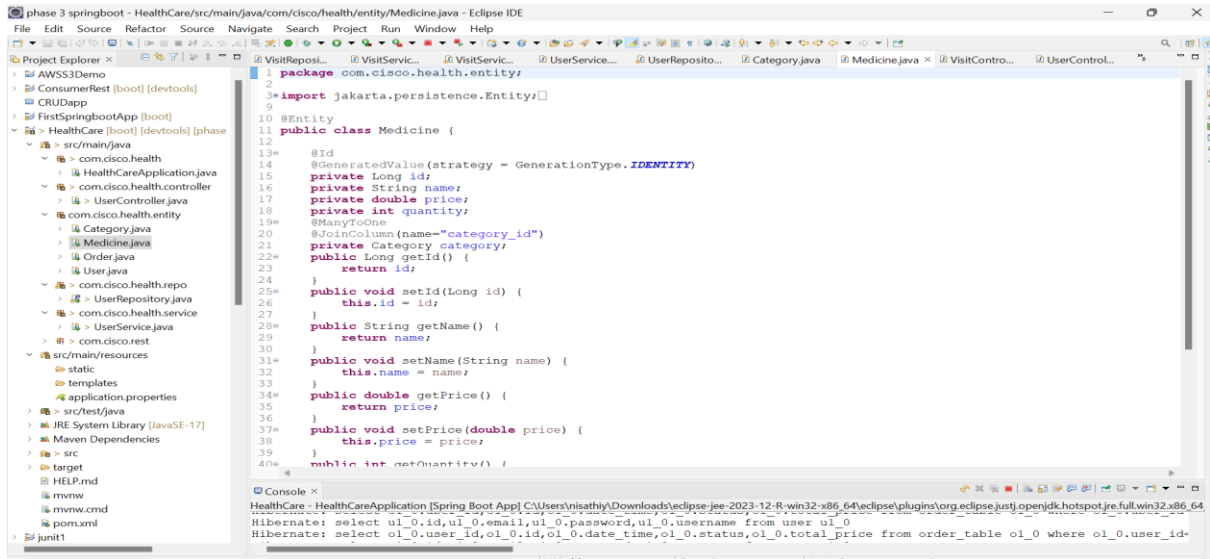
Entity: Category, Medicine , Order and User.



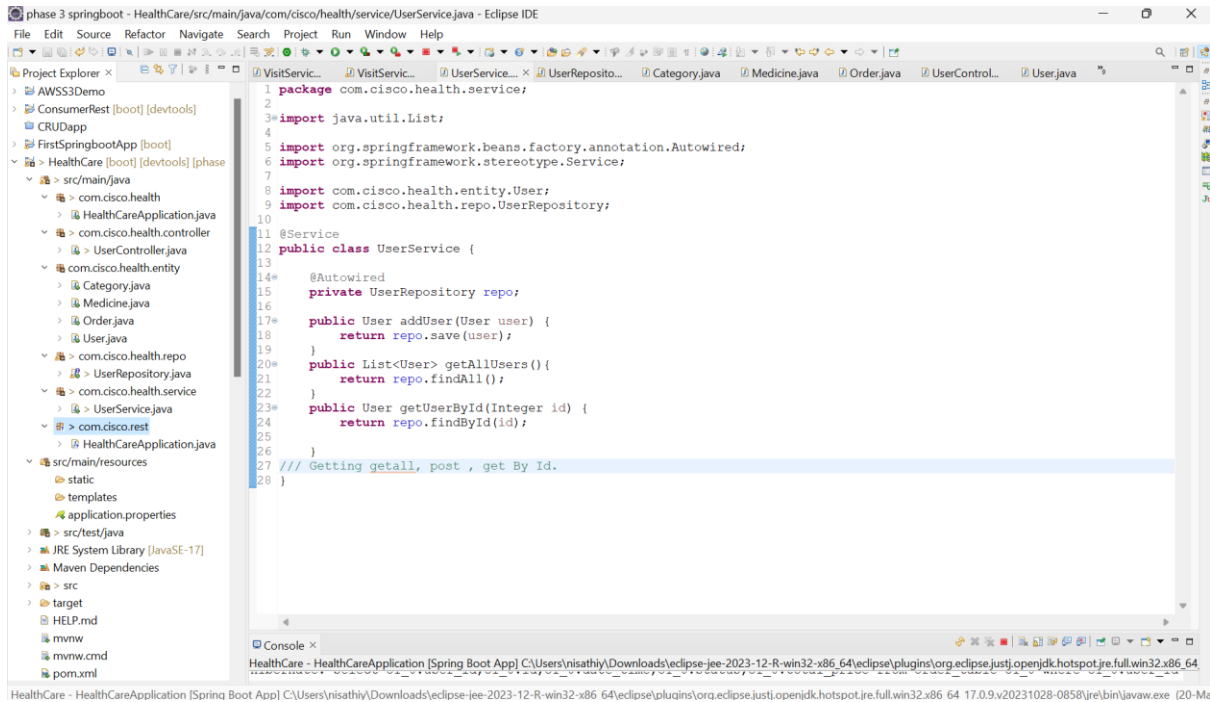
```
1 package com.cisco.health.entity;
2
3 import java.util.List;
4
5
6
7
8
9
10
11
12 @Entity
13 public class Category {
14
15     @Id
16     @GeneratedValue(strategy = GenerationType.IDENTITY)
17     private Long id;
18     private String name;
19     @OneToMany(mappedBy = "category", cascade = CascadeType.ALL)
20     private List<Medicine> medicines;
21     public Long getId() {
22         return id;
23     }
24     public void setId(Long id) {
25         this.id = id;
26     }
27     public String getName() {
28         return name;
29     }
30     public void setName(String name) {
31         this.name = name;
32     }
33     public List<Medicine> getMedicines() {
34         return medicines;
35     }
36     public void setMedicines(List<Medicine> medicines) {
37         this.medicines = medicines;
38     }
39
40 }
```

Console:

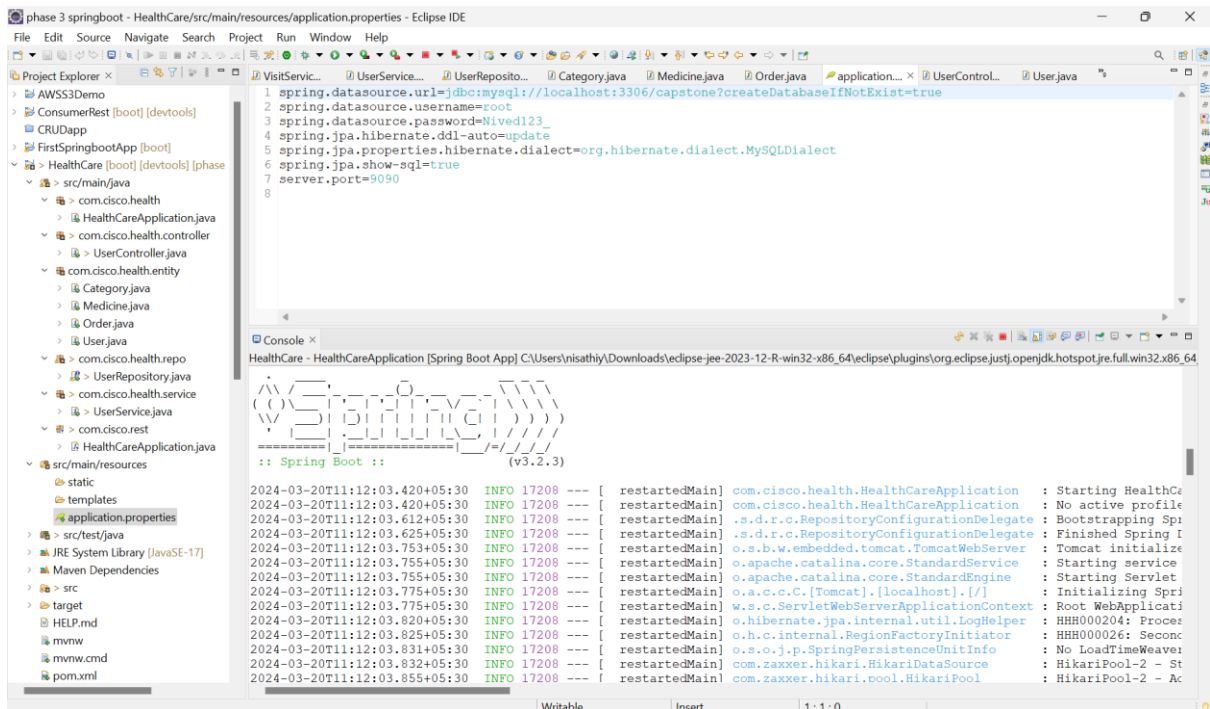
```
HealthCare - HealthCareApplication [Spring Boot App] C:\Users\nisathiy\Downloads\eclipse-jee-2023-12-R-win32-x86_64\eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64
Hibernate: select ul_0.id,ul_0.email,ul_0.password,ul_0.username from user ul_0
Hibernate: select o1_0.user_id,o1_0.id,o1_0.date_time,o1_0.status,o1_0.total_price from order_table o1_0 where o1_0.user_id=
```



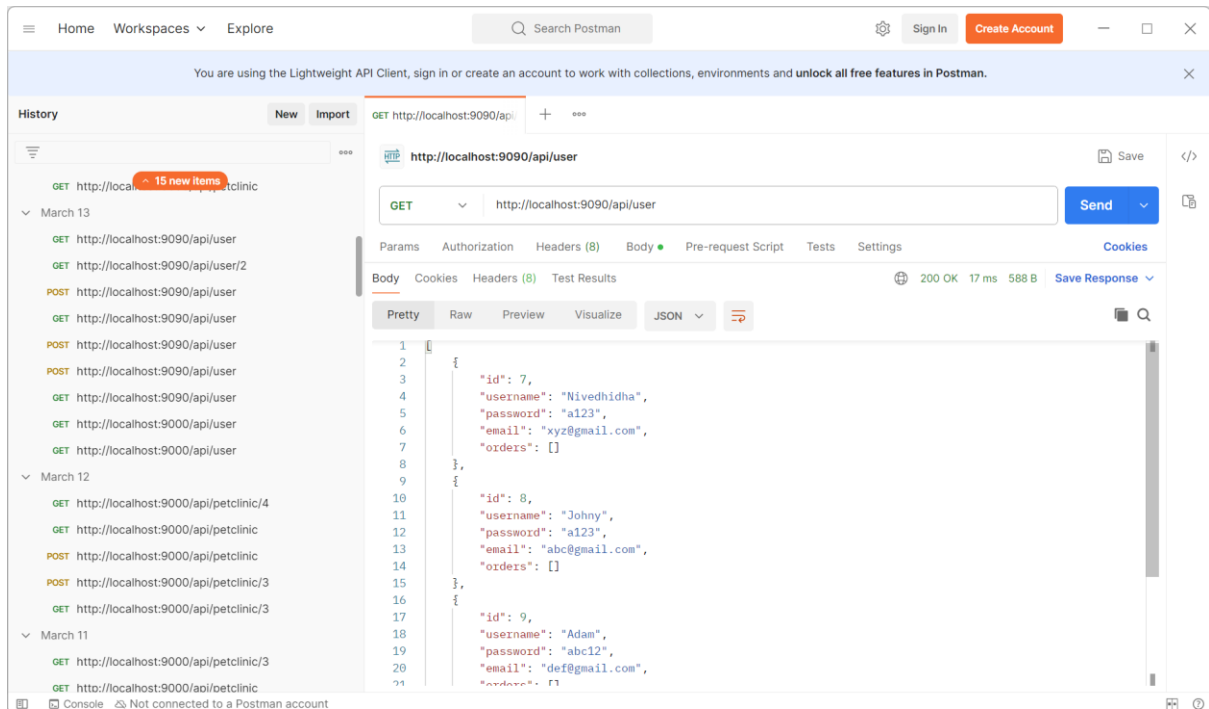
Service:



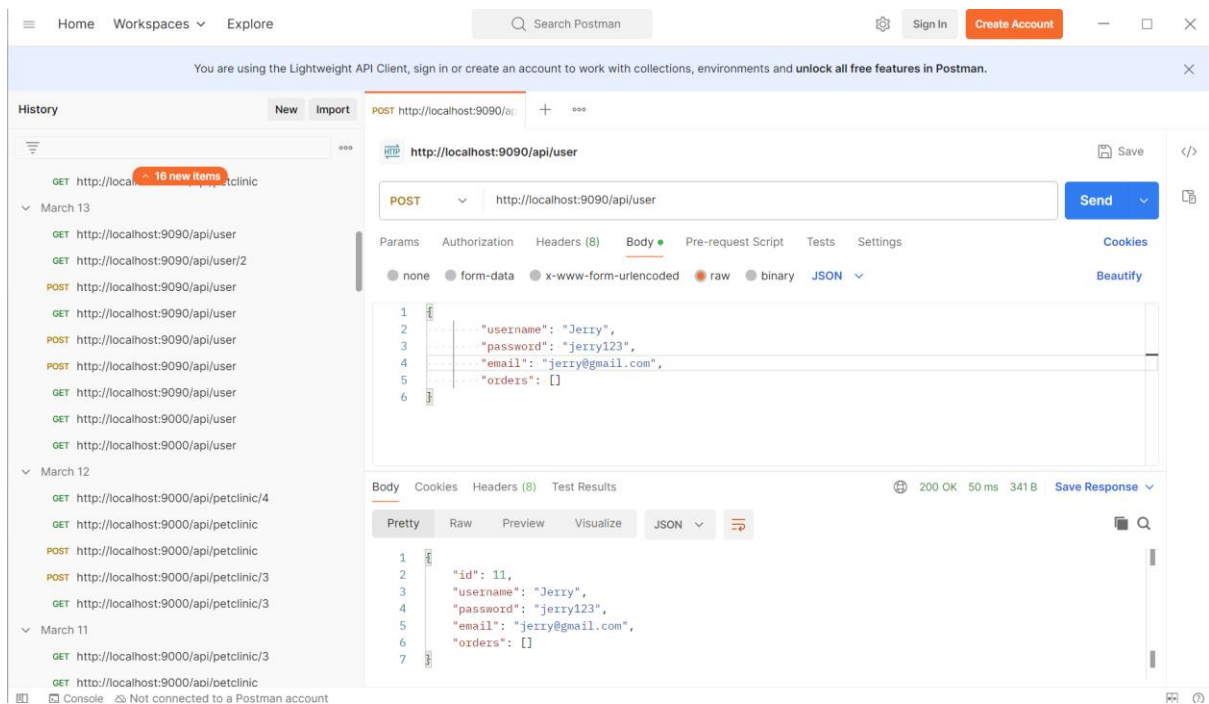
Application Properties:



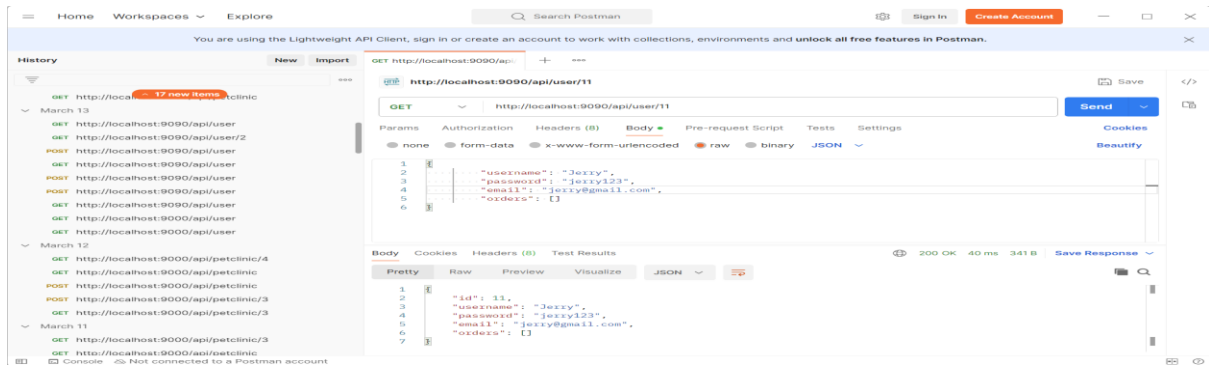
Get All API Response:



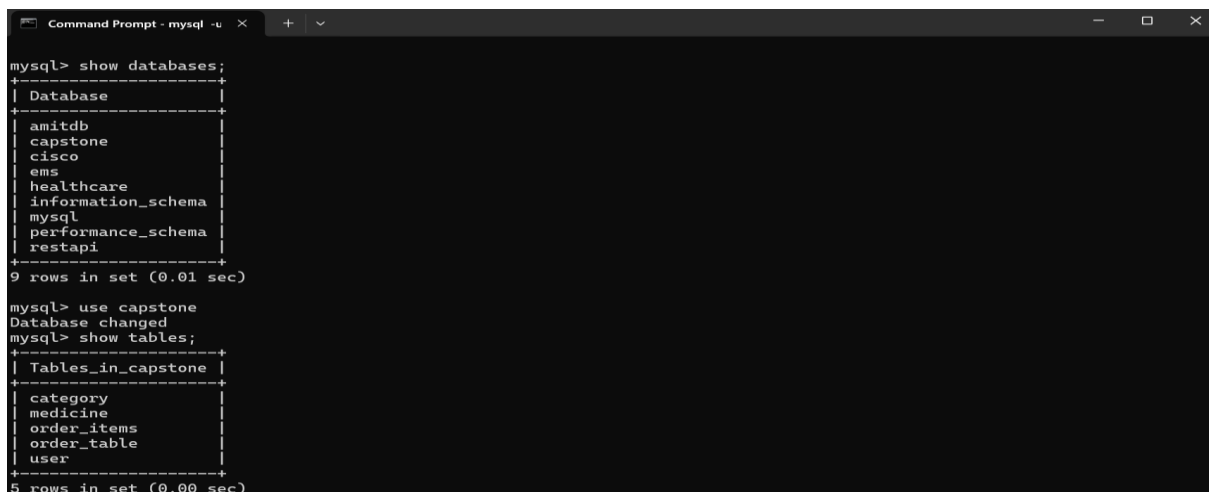
Post Object:



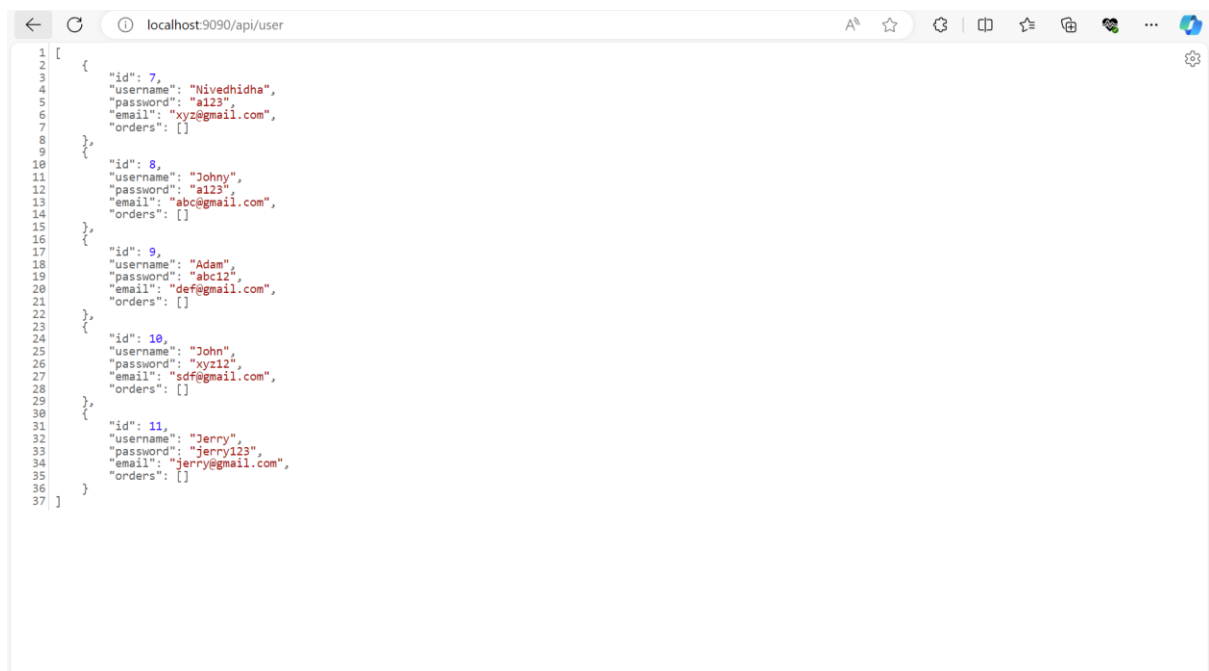
Get Object by Id:



Database: Capstone.



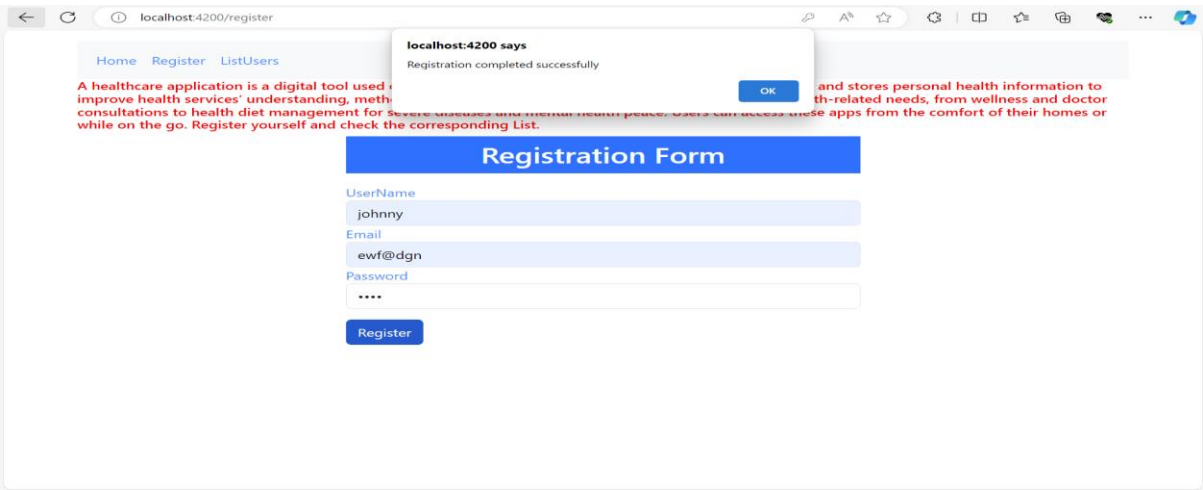
Local Host Response:



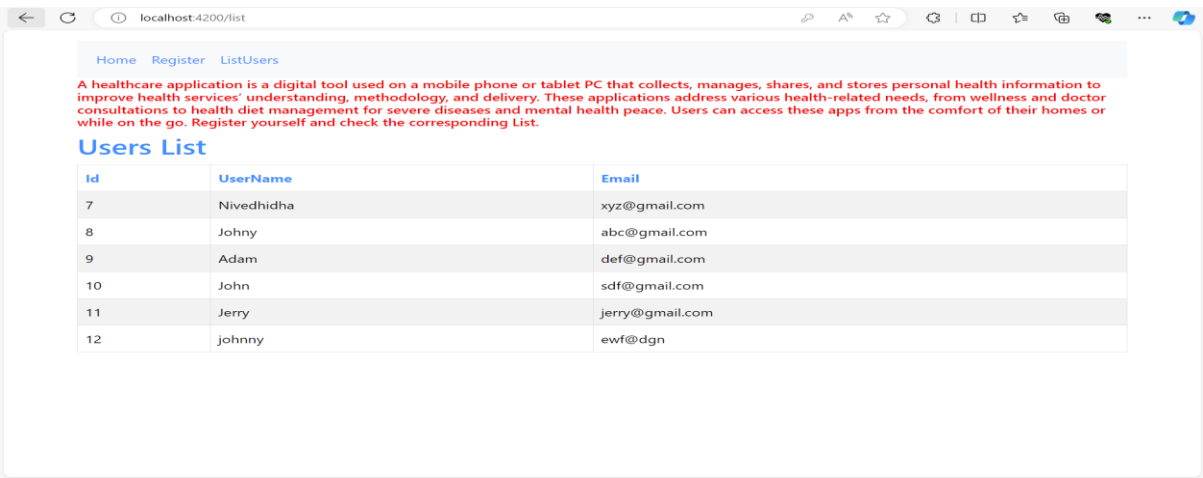
Output Screen.



Registration Screen.



UserList.



Jenkins Capstone Project:

localhost:8080/job/Capstone%20FSD/

Jenkins Search (CTRL+K) Nivedhidha S log out

Dashboard > Capstone FSD >

Status

</> Changes
▶ Build Now
⚙️ Configure
🗑️ Delete Pipeline
🔍 Full Stage View
✎️ Rename
? Pipeline Syntax

Capstone FSD ✓
Stage wise pipeline demo
✎️ Edit description
Disable Project

Stage View

Average stage times:
(Average full run time: ~5s)

	Build	Test	Deploy
Average	384ms	254ms	220ms
#2 Mar 20 14:25 No Changes	384ms	254ms	220ms

Build History trend

Filter...

✓ #2
Mar 20, 2024, 2:25 PM

Permalinks

- Last build (#2), 56 sec ago
- Last stable build (#2), 56 sec ago