

Sourcecode:

1.Feedback.java

```
package com.simplilearn.demo.entity;
import javax.persistence.Column;

import javax.persistence.Entity;
import javax.persistence.GeneratedValue;
import javax.persistence.GenerationType;
import javax.persistence.Id;

@Entity
public class Feedback {
    @Id
    @Column(name="id")
    @GeneratedValue(strategy=GenerationType.IDENTITY)
    private int id;
    private String name;
    private String email;
    private String feedback;
    public int getId() {
        return id;
    }
    public void setId(int id) {
        this.id = id;
    }
    public String getName() {
        return name;
    }
    public void setName(String name) {
        this.name = name;
    }
    public String getEmail() {
        return email;
    }
    public void setEmail(String email) {
        this.email = email;
    }
    public String getFeedback() {
        return feedback;
    }
    public void setFeedback(String feedback) {
        this.feedback= feedback;
    }
}
```

2.FeedbackApplication.java

```
package com.simplilearn.demo;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;
import org.springframework.context.annotation.ComponentScan;
```

```

@SpringBootApplication
@ComponentScan("com.simplilearn.demo")
public class FeedbackApplication {

    public static void main(String[] args) {
        SpringApplication.run(FeedbackApplication.class, args);
    }

}

```

3.FeedbackApplicationTests.java

```

package com.example.demo;

import org.junit.jupiter.api.Test;
import org.springframework.boot.test.context.SpringBootTest;

@SpringBootTest
class FeedbackApplicationTests {

    @Test
    void contextLoads() {
    }

}

```

4.FeedbackController.java

```

package com.simplilearn.demo;

import java.util.List;

import org.springframework.beans.factory.annotation.*;
import org.springframework.http.HttpStatus;
import org.springframework.http.ResponseEntity;
import org.springframework.web.bind.annotation.DeleteMapping;
import org.springframework.web.bind.annotation.GetMapping;
import org.springframework.web.bind.annotation.PathVariable;
import org.springframework.web.bind.annotation.PostMapping;
import org.springframework.web.bind.annotation.PutMapping;
import org.springframework.web.bind.annotation.RequestBody;
import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.web.bind.annotation.RestController;

import com.simplilearn.demo.entity.Feedback;
import com.simplilearn.demo.service.FeedbackService;

@RestController
@RequestMapping("/api/feedback")
public class FeedbackController {

    @Autowired
    private FeedbackService service;
    //create new record

```

```

        @PostMapping("/")
        public ResponseEntity<Feedback> addFeedback(@RequestBody Feedback
f) {
            Feedback feedback=service.addFeedback(f);
            return new ResponseEntity<Feedback>(feedback,
HttpStatus.CREATED);
        }
        //get all users
        @GetMapping("/")
        public List<Feedback> getAllFeedback(){
            return service.getAllFeedback();
        }
        //get user by id
        @GetMapping("/{id}")
        public ResponseEntity<Feedback>getUserById(@PathVariable int id){
            Feedback feedback =service.getFeedbackById(id);
            if(feedback!=null)
                return new ResponseEntity<Feedback>(feedback,
HttpStatus.FOUND);
            else
                return new
ResponseEntity<Feedback>(feedback,HttpStatus.NOT_FOUND);
        }
    }
}

```

5.FeedbackRepo.java

```

package com.simplilearn.demo.repo;

import org.springframework.data.jpa.repository.JpaRepository;

import org.springframework.stereotype.Repository;
import com.simplilearn.demo.entity.Feedback;
@Repository
public interface FeedbackRepo extends JpaRepository<Feedback, Integer>{
}

```

6.FeedbackService.java

```

package com.simplilearn.demo.service;
import java.util.List;

import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.stereotype.Service;

import com.simplilearn.demo.entity.Feedback;
import com.simplilearn.demo.repo.FeedbackRepo;

@Service
public class FeedbackService {

```

```
@Autowired
private FeedbackRepo repo;

//add user method
public Feedback addUser(Feedback f) {
    return repo.save(f);
}

// List user method
public List<Feedback> getAllFeedback(){
    return repo.findAll();
}

//get user by ID
public Feedback getFeedbackById(int id) {

    if(repo.findById(id).isPresent())
        return repo.findById(id).get();
    else
        return null;

}

public Feedback addFeedback(Feedback f) {
    // TODO Auto-generated method stub
    return null;
}

}
```