

Phase-3 Practice Project

Displaying User Feedback

Source code

- ```
USE ecommerce;
CREATE TABLE feedback (
 id INT AUTO_INCREMENT PRIMARY KEY,
 name VARCHAR(255) NOT NULL,
 email VARCHAR(255) NOT NULL,
 rating INT NOT NULL,
 comment VARCHAR(1000)
);
```

FeedbackController:

```
import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.http.MediaType;
import org.springframework.web.bind.annotation.PostMapping;
import org.springframework.web.bind.annotation.RequestParam;
import org.springframework.web.bind.annotation.RestController;
```

```
import com.ecommerce.entity.Feedback;
import com.ecommerce.repository.FeedbackRepository;
```

@RestController

```
public class FeedbackController {
```

```
 private final FeedbackRepository feedbackRepository;
```

```
 @Autowired
```

```
 public FeedbackController(FeedbackRepository feedbackRepository) {
 this.feedbackRepository = feedbackRepository;
 }
```

```
 @PostMapping(value = "/api/feedback", consumes =
 MediaType.APPLICATION_FORM_URLENCODED_VALUE)
 public String createFeedback(@RequestParam("comment") String comment,
 @RequestParam("email") String email,
 @RequestParam("name") String name, @RequestParam("rating") int
 rating) {
 Feedback feedback = new Feedback(name, email, rating, comment);
 feedbackRepository.save(feedback);
 }
```

```

 return "Feedback submitted successfully";
 }
}

```

Feedback:

```

package com.ecommerce.entity;

import jakarta.persistence.Column;
import jakarta.persistence.Entity;
import jakarta.persistence.GeneratedValue;
import jakarta.persistence.GenerationType;
import jakarta.persistence.Id;
import jakarta.persistence.Table;

@Entity
@Table(name = "feedback")
public class Feedback {

 @Id
 @GeneratedValue(strategy = GenerationType.IDENTITY)
 private Long id;

 @Column(nullable = false)
 private String name;

 @Column(nullable = false)
 private String email;

 @Column(nullable = false)
 private int rating;

 @Column
 private String comment;

 // Constructors, getters, and setters

 public Feedback() {
 }

 public Feedback(String name, String email, int rating, String comment) {
 this.name = name;
 this.email = email;
 this.rating = rating;
 this.comment = comment;
 }
}

```

```

 }

 // Getters and setters

 public Long getId() {
 return id;
 }

 public void setId(Long 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 int getRating() {
 return rating;
 }

 public void setRating(int rating) {
 this.rating = rating;
 }

 public String getComment() {
 return comment;
 }

 public void setComment(String comment) {
 this.comment = comment;
 }
}

```

Repository:

```

package com.ecommerce.repository;

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

import com.ecommerce.entity.Feedback;

@Repository
public interface FeedbackRepository extends JpaRepository<Feedback, Long> {
}

```

HTML:

```

<!DOCTYPE html>
<html>
<head>
 <meta charset="UTF-8">
 <title>Feedback Form</title>
</head>
<body>
 <h1>Feedback Form</h1>
 <form id="feedbackForm" method="POST" action="/api/feedback"
enctype="application/json">
 <label for="name">Name:</label>
 <input type="text" id="name" name="name" required>

 <label for="email">Email:</label>
 <input type="email" id="email" name="email" required>

 <label for="rating">Rating:</label>
 <input type="number" id="rating" name="rating" min="1" max="5" required>

 <label for="comment">Comment:</label>

 <textarea id="comment" name="comment" rows="4" cols="50"></textarea>

 <button type="submit">Submit Feedback</button>
 </form>

</body>
</html>

```

Spring:

```
spring.datasource.url=jdbc:mysql://localhost:3306/ecommerces?useSSL=false&serverTimezone=UTC
spring.datasource.username=root
spring.datasource.password=
```

```
spring.jpa.show-sql=true
spring.jpa.hibernate.ddl-auto=update
```