

Displaying User Feedback

Project objective:

Created a Spring Boot project that will capture user feedback using a REST endpoint.

The REST resource will take in parameters using HTTP POST.

The feedback data will be then added to a database table.

As a part of developing an ecommerce web application, a REST resource is needed to capture user feedback. Feedback data will be received from third-party apps and websites. The data will be sent to the REST API which will collect feedback from various sources.

The following are used for the application development:

- Eclipse as the IDE
- Apache Tomcat as the web server
- Spring Boot with Hibernate

Requirements met:

- Created a MySQL table named feedback for storing feedback data.
- An entity class Feedback is made with annotations to link it with the feedback table.
- A repository class then maps the entity class to the CrudRepository interface.
- Created a REST controller class to create the REST endpoint. It takes in parameters using the POST protocol.
- Data received in the REST controller will be then saved into the database.
- Created a test form in HTML to submit data to the REST endpoint to ensure it's working.

The data flow of the application:

1. Start.
2. First the index.html page will show the user feedback options, where a form is given to give and submit the user's feedback with feedback text, rating in numbers and user name.
3. After entering the feedback, it will show a success page, from there we can visit the view all feedback hyperlink which will show all the entries that is given in the feedback table.
4. From the index page itself the user can view all feedbacks.
5. Stop.