

## Displaying User Feedback .

### Steps:

1. Create a MySQL table named feedback for storing feedback data.
2. An entity class Feedback made with annotations to link it with the feedback table.
3. A FeedbackInterface repository class map the entity class to the CrudRepository interface
4. Create a REST controller class to create the REST endpoint. It takes in parameters using the POST protocol from user's given movie id
5. Data received in the REST controller, then saved into the database
6. Create a test form in HTML to submit data to the REST endpoint to ensure it's working

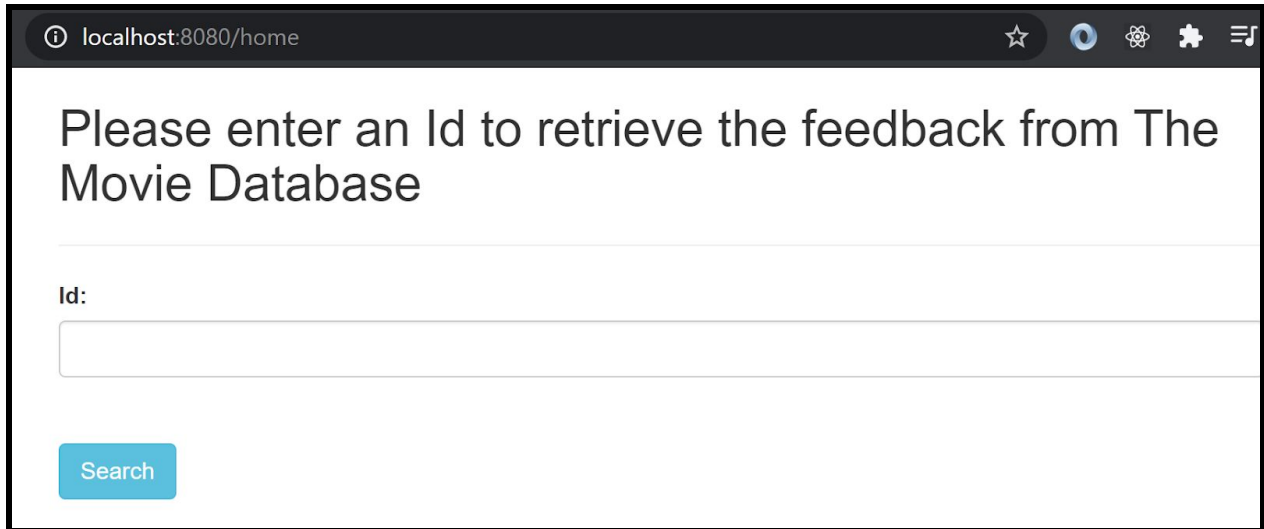
### Screenshots:

#### Step 1: Feedback table

Currently has 3 feedback:

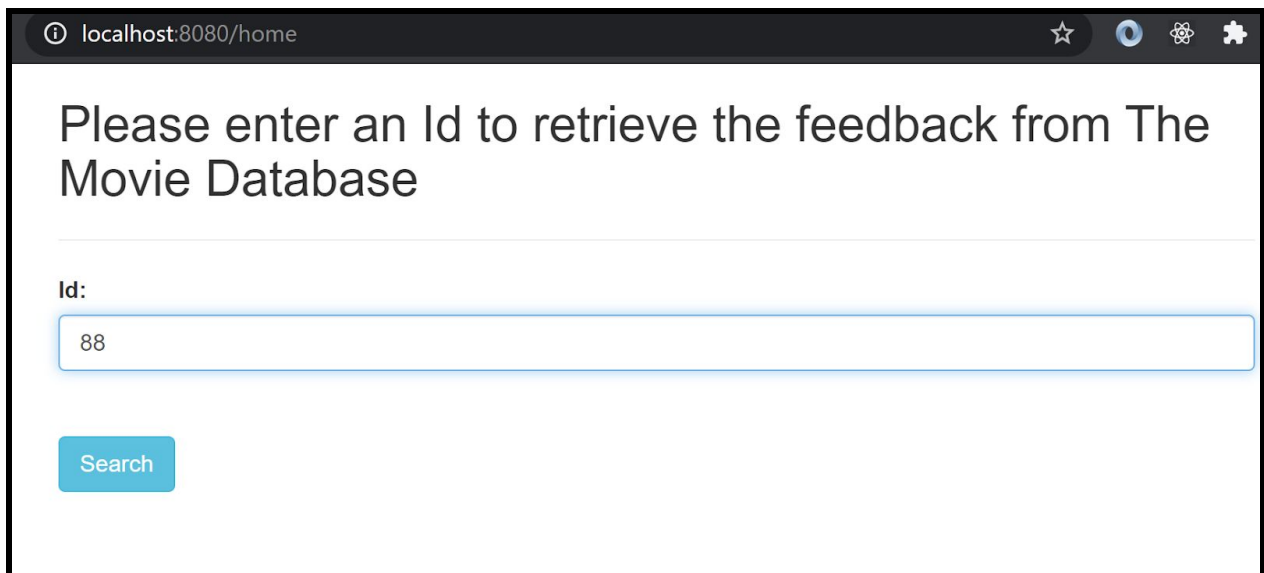
Result Grid				
Filter Rows:		Edit:		Export/Import:
		Wrap Cell Content:		
	id	original_title	overview	vote_count
▶	1	Four Rooms	It's Ted the Bellhop's first night on the job...and the hotel's very unusual guests are about to place him in some outrageous predicaments. It seems that this evening's room service is serving up one unbelievable happening after another.	1843
	2	Lock, Stock and Two Smoking Barrels	A card shark and his unwillingly-enlisted friends need to make a lot of cash quick after losing a sketchy poker match. To do this they decide to pull a heist on a small-time gang who happen to be operating out of the flat next door.	4501
	3	Varjoja paratisissa	An episode in the life of Nikander, a garbage man, involving the death of a co-worker, an affair and much more.	122
*	NULL	NULL	NULL	NULL

**Step 2 Home page display a form asking user to give an Movie Id**



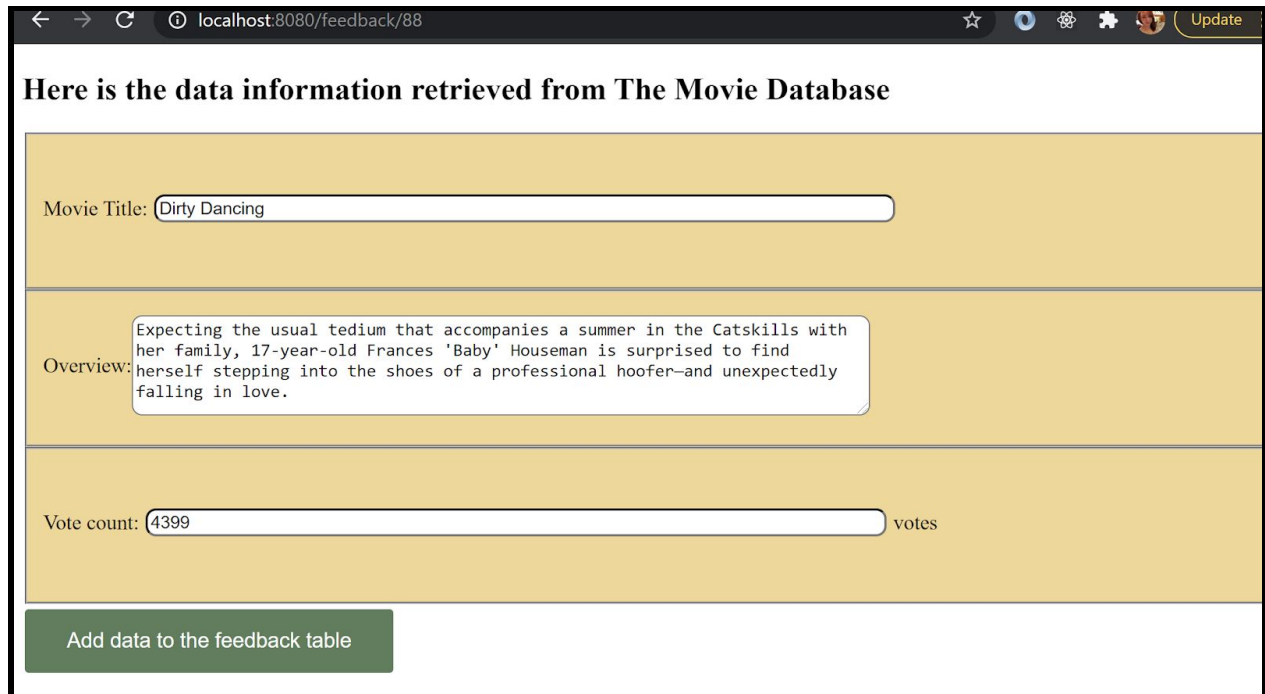
A screenshot of a web browser window with the address bar showing 'localhost:8080/home'. The page content includes the heading 'Please enter an Id to retrieve the feedback from The Movie Database', a label 'Id:' followed by an empty text input field, and a blue 'Search' button at the bottom left.

**Step 3: Grab user's input and in controller by using restTemplate to call the their-party(The Movie Database api) to get the corresponding data**



A screenshot of the same web browser window as in Step 2. The text input field now contains the value '88'. The 'Search' button remains at the bottom left.

#### Step 4: Display the returning data and offer option to submit the data into our database for feedback table



A screenshot of a web browser at the URL `localhost:8080/feedback/88`. The page has a white header with the text "Here is the data information retrieved from The Movie Database". Below this is a yellow background section containing three rows of data. The first row shows "Movie Title:" followed by a text input field containing "Dirty Dancing". The second row shows "Overview:" followed by a text area containing the text: "Expecting the usual tedium that accompanies a summer in the Catskills with her family, 17-year-old Frances 'Baby' Houseman is surprised to find herself stepping into the shoes of a professional hooper—and unexpectedly falling in love." The third row shows "Vote count:" followed by a text input field containing "4399" and the word "votes" to its right. At the bottom of the yellow section is a green button with the text "Add data to the feedback table".

Here is the data information retrieved from The Movie Database

Movie Title:

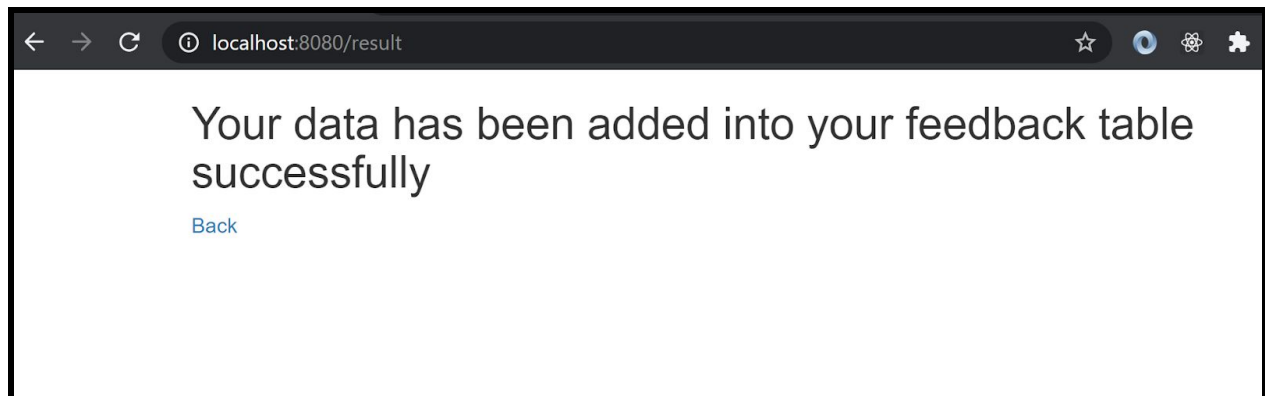
Overview: 

Expecting the usual tedium that accompanies a summer in the Catskills with her family, 17-year-old Frances 'Baby' Houseman is surprised to find herself stepping into the shoes of a professional hooper—and unexpectedly falling in love.

Vote count:  votes

[Add data to the feedback table](#)

#### Step 5: display the data has been added successfully

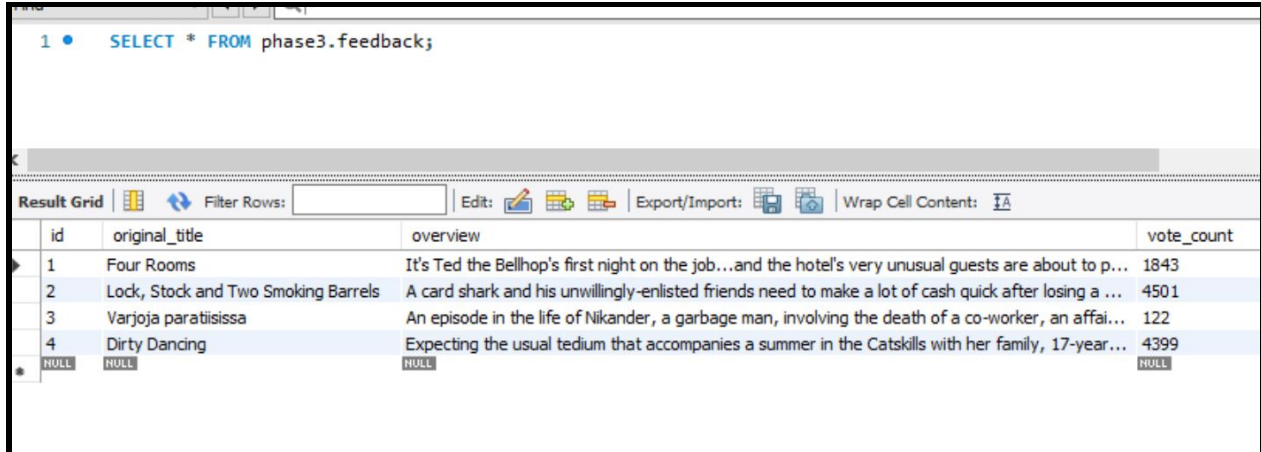


A screenshot of a web browser at the URL `localhost:8080/result`. The page has a white background and displays a success message in a large, dark grey font: "Your data has been added into your feedback table successfully". Below this message is a blue, underlined link that says "Back".

Your data has been added into your feedback table successfully

[Back](#)

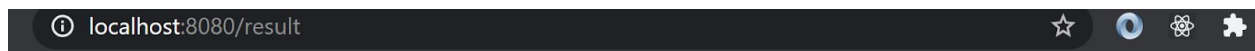
**Step 6: Check the feedback table, the new data has been added.**



The screenshot shows a database query result grid. The query is `SELECT * FROM phase3.feedback;`. The result grid has a toolbar with options like 'Filter Rows', 'Edit', 'Export/Import', and 'Wrap Cell Content'. The data is displayed in a table with four columns: `id`, `original_title`, `overview`, and `vote_count`. There are four rows of data, each representing a movie entry. The first row is for 'Four Rooms' with a vote count of 1843. The second row is for 'Lock, Stock and Two Smoking Barrels' with a vote count of 4501. The third row is for 'Varjoja paratiisissa' with a vote count of 122. The fourth row is for 'Dirty Dancing' with a vote count of 4399. Each row has a small 'x' icon next to the `id` column, indicating it can be edited. The last row of the grid shows 'NULL' values for all columns.

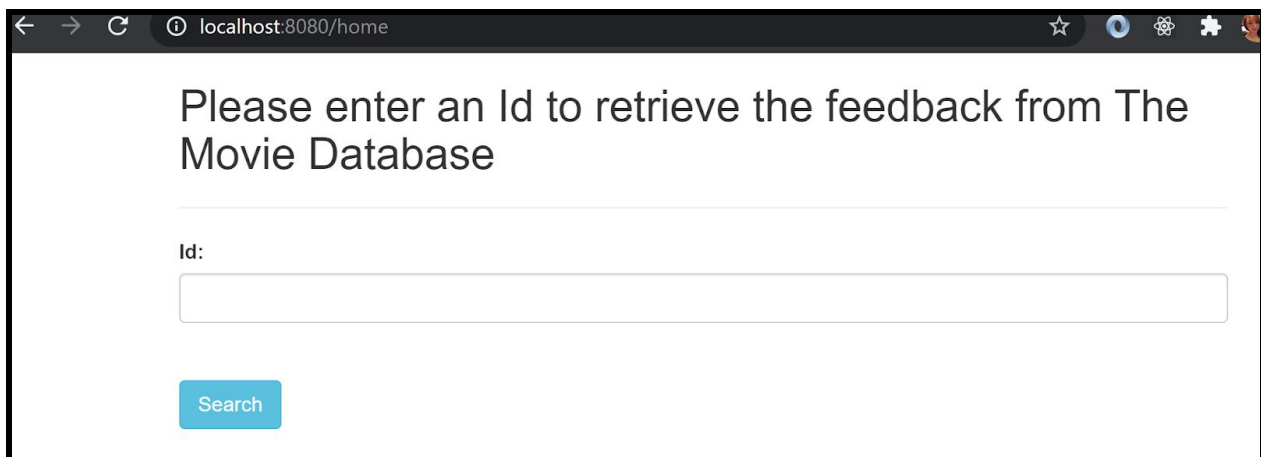
id	original_title	overview	vote_count
1	Four Rooms	It's Ted the Bellhop's first night on the job...and the hotel's very unusual guests are about to p...	1843
2	Lock, Stock and Two Smoking Barrels	A card shark and his unwillingly-enlisted friends need to make a lot of cash quick after losing a ...	4501
3	Varjoja paratiisissa	An episode in the life of Nikander, a garbage man, involving the death of a co-worker, an affai...	122
4	Dirty Dancing	Expecting the usual tedium that accompanies a summer in the Catskills with her family, 17-year...	4399
NULL	NULL	NULL	NULL

**Step 7: Users can choose to go back to the home page and add another data by clicking the back button.**



Your data has been added into your feedback table successfully

[Back](#)



The screenshot shows a web browser window with the address bar displaying `localhost:8080/home`. The page has a white background and a dark header. The main content area contains the text 'Please enter an Id to retrieve the feedback from The Movie Database' in a large, bold font. Below this text is a text input field labeled 'Id:'. At the bottom of the form is a blue button with the text 'Search'.

Please enter an Id to retrieve the feedback from The Movie Database

Id:

Search

**Github link:**

[Displaying-User-Feedback](#)