

Peer-graded Assignment: Client-Server Communication

1. [Instructions](#)
2. [My submission](#)
3. [Discussions](#)

In this assignment, you will update the web application to get data from the server to render the information corresponding to the promotions and the leadership team of the company. In addition, you will handle the submission of the feedback form by posting the feedback to the server.

Step-By-Step Assignment Instructions

Assignment Overview

At the end of this assignment, you should have completed the following:

- Updated the promotion service to use Restangular and updated the home component to use the data fetched from the server for promotion.
- Updated the leader service to use Restangular and subsequently update the home and the about component to render the information about the leaders by downloading the data from the server
- Enabled the users to submit feedback through the feedback form by creating a new feedback service that accepts the form data and uses Restangular to record their feedback on the server.
- Use animation together with a progress spinner and displaying the confirmation from the server about successful submission of the form.

Assignment Requirements

Task 1

In this task, you will update the promotion service and the home component to use the data from the server for rendering the promotion:

- Update all the methods in promotion service to use Restangular to fetch the promotion data from the server
- Update the home component to render the promotion data. You should handle the error condition appropriately.

Task 2

In this task, you will update the leader service and the home and about components to use the data from the server for rendering the leader information:

- Update all the methods in leader service to use Restangular to fetch the leader data from the server
- Update the home component to render the leader data. You should handle the error condition appropriately.
- Update the about component to render the leader data. You should handle the error condition appropriately.

Task 3

In this task, you will enable the saving of the feedback data submitted using the feedback form in the contact component. You will save the feedback form data submitted by the user to the server:

- Implement a new feedback service with a method `submitFeedback()` that takes a `Feedback` object as a parameter and submits the feedback to the server using the Restangular support for posting data. You construct a Restangular object for feedback and call the `post()` method on that object with the `Feedback` object as the parameter. Recall that the feedback data is accessible at <http://localhost:3000/feedback> on the json-server.
- Update the contact component to make use of the feedback service and submit the form data using the `submitFeedback()` method by passing the feedback form data in the `onSubmit()` method to the service.

Task 4

In this task you will use animation together with a progress spinner and the fact that the `post()` method will return the submitted feedback object as a return value to display briefly the submitted data to confirm the form submission to the user:

- When the form is submitted, you should hide the form and display the progress spinner until the server responds confirming the update on the server side. See the next point below for further details.
- Recall how in the lesson on REST you were demonstrated how the `.save()` method called on a Restangular object returns an observable that we subscribe and then use the updated dish data returned to update the dish object in `dishdetail.component.ts`. Similarly when you do a `post()`, the feedback service must return the feedback object returned from the server after submission, by the `submitFeedback()` method. You can then subscribe to it within the `contact.component.ts` to obtain the returned feedback object. This confirms the successful submission of the feedback to the server.
- After obtaining the confirmation from the server within the `subscribe()` method above, you should then display the information from the returned feedback object in the format as shown in the video for 5 seconds. Thereafter you should hide this and then again show the empty form to the user enabling them to submit the feedback again. Hint: Leverage the `setTimeout()` method for this purpose.
- Use the expand animation that we have already used earlier to judiciously apply animation to the various stages of the form submission.

Screenshots

[Home](#)[About](#)[Menu](#)[Contact](#)[Login](#)

Ristorante Con Fusion

We take inspiration from the World's best cuisines, and create a unique fusion experience. Our lipsmacking creations will tickle your culinary senses!



Contact Us

Location Information

Our Address

121, Clear Water Bay Road
Clear Water Bay, Kowloon
HONG KONG
☎: +852 1234 5678
📠: +852 8765 4321
✉: confusion@food.net

[Call](#)[Skype](#)[Email](#)

Map of our Location

Send us your Feedback

First Name *

Jogesh

Last Name *

Muppala

Tel. Number *

12345678

Email *

abc@def.gh



May we contact you?

How?

Email

Your Feedback

This is great!

Task 4 Stage 1

[Home](#)[About](#)[Menu](#)[Contact](#)[Login](#)

Ristorante Con Fusion

We take inspiration from the World's best cuisines, and create a unique fusion experience. Our lipsmacking creations will tickle your culinary senses!



Contact Us

Location Information

Our Address

121, Clear Water Bay Road
Clear Water Bay, Kowloon
HONG KONG

☎: +852 1234 5678

📠: +852 8765 4321

✉: confusion@food.net

[Call](#)[Skype](#)[Email](#)

Map of our Location

Send us your Feedback

Submitting Form

Task 4 Stage 2

Links

[Home](#)[About](#)[Menu](#)

Our Address

121, Clear Water Bay
Road
Clear Water Bay,
Kowloon
HONG KONG

☎: +852 1234 5678

📠: +852 8765 4321

✉: confusion@food.net

[Home](#)[About](#)[Menu](#)[Contact](#)[Login](#)

Ristorante Con Fusion

We take inspiration from the World's best cuisines, and create a unique fusion experience. Our lipsmacking creations will tickle your culinary senses!



Contact Us

Location Information

Our Address

121, Clear Water Bay Road
Clear Water Bay, Kowloon
HONG KONG

☎: +852 1234 5678

📠: +852 8765 4321

✉: confusion@food.net

[Call](#)[Skype](#)[Email](#)

Map of our Location

Send us your Feedback

Your Submission

First Name: Jogesh

Last Name: Muppala

Tel. Number: 12345678

Email: abc@def.gh

Contact You?: true

How?: Email

Feedback: This is great!

Task 4 Stage 3

Review criteria

Your assignment will be assessed based on the following criteria:

Task 1

- The promotion service methods have been correctly configured to use Restangular to get the data from the server.
- The home component is correctly obtaining the promotion data from the service, and handling any errors that might arise.

Task 2

- The leader service methods have been correctly configured to use Restangular to get the data from the server.
- The home component is correctly obtaining the leader data from the service, and handling any errors that might arise.
- The about component is correctly obtaining the leader data from the service, and handling any errors that might arise.

Task 3

- A new feedback service is correctly implemented to use Restangular to post the feedback data to the server.
- The contact component has been correctly updated to use the feedback service to post the form data to the server using the submitFeedback() method supported by the service.

Task 4

- When the form is submitted, the progress spinner is being displayed until the server responds confirming the update on the server side.
- The returned Observable from the submitFeedback() function is correctly being used to confirm the successful submission of the feedback to the server.
- The information from the returned feedback object is being displayed in the format as shown in the video for 5 seconds. Thereafter it is hidden and the empty form is shown to the user enabling them to submit the feedback again.
- The expand animation is being used to judiciously apply animation to the various stages of the form submission.