

EXPRESS LAB 2 - PIZZA WEBSITE

Task: Create a website for a pizza restaurant. It includes pages for several pre-set specialty pizzas, a custom pizza builder, and a customer reviews page.

What will the application do?

Homepage: The homepage is at the root path (/) and includes a list of links to three or more specialty pizzas. It also includes a link to the custom pizza builder and a link to leave a review. Add an image to decorate the page.

welcome to Express Pizza

Specialty Pizzas

- [Anchovy Lover's](#)
- [Paleo Pizza](#)
- [Dessert Pizza](#)

Custom Pizza

[Build your own!](#)

Leave a review

[Click here to leave a review.](#)



Specialty Pizzas: There is one route and one view for displaying the **name** and **price** of a specialty pizza. The name and price are specified as query string parameters, and both are displayed on the page. The specialty pizza links on the homepage include these two parameters hard-coded. (Hint: to include spaces in an href, use the "+" character.)

Specialty Pizza: Anchovy Lover's

Name: Anchovy Lover's

Price: \$15.00

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Review: On the review page, the user fills out a form with their name, a comment, and a rating. When they submit the form, a confirmation page is shown which displays the **name**, **comment**, and **rating** they chose on the form. (Note: The rating information is not actually saved or shown elsewhere at this point.) The page also includes a link back to the homepage.

Leave a Review	
Your Name	<input type="text" value="Grant Chirpus"/>
Comment	<div>I haven't tried the pizza, but this website is awesome!</div>
Rating	<p><input checked="" type="radio"/> 5 (best) - <input type="radio"/> 4 - <input type="radio"/> 3 - <input type="radio"/> 2 - <input type="radio"/> 1 (worst)</p> <p><input type="button" value="Submit"/> Never Mind</p>

Thanks for the review!	
Your Name: Grant Chirpus	
Comment: I haven't tried the pizza, but this website is awesome!	
Rating: 5	
Back to Homepage	

Custom Pizza Builder: On the custom pizza builder page, the user fills out a form with the pizza **size** (HTML <select>), **topping count**, a checkbox for **gluten-free crust**, and a text area for **special instructions**. Below the topping count, display a list of possible topping choices. This list must be displayed using an array variable from your route.

Custom Pizza Builder Submission: When they submit the form, a result page shows their choices plus a total price. (See below for price calculation.) If the price is at least \$15, add a message to

the page that says "FREE DELIVERY". The page also includes a link back to the homepage.

Build Your Own Pizza

Size Large ▾

How many toppings? 3

- Pepperoni
- Sausage
- Chicken
- Mushroom
- Olive
- Green Pepper
- Onion
- Banana Pepper
- Anchovies
- Pineapple

☐ **Gluten-Free Crust?** (\$2.00 extra)

Special Instructions (Optional)

Call when you get here, call 867-5309

[Never Mind](#)

Your Pizza

Size: Large

Toppings: 3

Gluten-Free Crust: false

Special Instructions: Call when you get here, call 867-5309

Price: \$15.75

Because your order is meets the \$15.00 minimum, you get FREE DELIVERY!

[Build another pizza](#) | [Back to Homepage](#)

Build Specifications

- Pizza price calculation is based on size, number of topping, and crust option...
 - For small pizza: $\$7 + \text{number of toppings} \times \0.50
 - For medium pizza: $\$10 + \text{number of toppings} \times \1.00
 - For large pizza: $\$12 + \text{number of toppings} \times \1.25
 - For any size, add \$2.00 for gluten-free crust.
- You don't have to spend a lot of time on it, but you must add at least some CSS.
- For your image, make sure it's licensed for your use, free use, or public domain.
- Format prices to always have two decimal places.

Extended Challenges

1. Instead of "true" or "false" for gluten-free crust on the results page, show "yes" or "no".
2. Add a pizza-themed Madlib story form and page
3. On the calculator form, remove the topping count input. Instead add checkboxes for each individual topping.
 - a. In the form submission route you can count how many toppings were selected.
 - b. In the result screen also list all of the selected toppings.

- c. Ultra bonus: Update the price calculation so that some of the toppings cost more than others.

Build Your Own Pizza	Your Pizza
Size Medium	Size: Medium
Choose your toppings	Toppings:
<input type="checkbox"/> Pepperoni <input checked="" type="checkbox"/> Sausage <input type="checkbox"/> Chicken <input checked="" type="checkbox"/> Mushroom <input type="checkbox"/> Olive <input type="checkbox"/> Green Pepper <input type="checkbox"/> Onion <input checked="" type="checkbox"/> Banana Pepper <input type="checkbox"/> Anchovies <input type="checkbox"/> Pineapple	<ul style="list-style-type: none">• Sausage• Mushroom• Banana Pepper
<input checked="" type="checkbox"/> Gluten-Free Crust? (\$2.00 extra)	Gluten-Free Crust: true
Special Instructions (Optional) <div></div>	Specialty Instructions:
Calculate Price Never Mind	Price: \$15.00 <i>Because your order is meets the \$15.00 minimum, you get FREE DELIVERY!</i> Build another pizza Back to Homepage

Grading Criteria:

1. Homepage displays with appropriate content and links.
2. Homepage has CSS and an image.
3. Each specialty pizza link on the homepage includes query string parameters for name and price.
4. The Specialty Pizza page displays the name and price based on the params.
5. The Leave a Review page displays a form with an input for name, a textarea for a comment, 5 grouped radio buttons for a rating, and a submit button.
6. The Leave a Review submits to a confirmation page that shows the name, comment, and rating.
7. The Custom Pizza Builder displays a <select> for size, a number input for toppings (or checkboxes if you did the extended challenge), a checkbox for gluten free, a text area for special instructions, and a submit button.
8. The Custom Pizza Builder submits to a results page that shows all of the users inputs plus the correct calculated price.
9. The Custom Pizza Builder results shows FREE DELIVERY when price is at least \$15 and does not show it otherwise.
10. The Custom Pizza Builder results formats the price with two decimal places.