

# Homework Project: Survey Rabbit


Expected coding time is 2 hrs.

You are asked to construct a new web-based survey composition tool called “Survey Rabbit.” Survey Rabbit has two views, “Composer” and “Preview.” In Composer, the user can select from a pallet of two widgets: radio, and checkbox. These can be composed into a survey. Each instance of a widget has a caption and a comma-separated value list. Composer allows the user to add as many of each type (radio or checkbox) as desired, in any order, and to selectively delete a widget. In Preview mode, the survey is rendered.

Implement Survey Rabbit using JavaScript and HTML, and your choice of frameworks. A backend data store is not required. If you don’t have time to implement the full solution, indicate with comments in the code what you would have done if you had more time.

**Composer Mode**

<b>Widgets</b>  <input type="radio"/> Radio <input type="checkbox"/> Checkbox	<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"><b>Survey Title:</b> <input style="width: 150px;" type="text" value="Dining Experience Survey"/> <span style="float: right; border: 1px solid #ccc; padding: 2px 5px; border-radius: 3px;">Preview</span></div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"><div style="display: flex; justify-content: space-between;"><span><input type="radio"/> <b>Radio</b></span><span>X</span></div><div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 2px;">Did you enjoy your dining experience?</div><div style="border: 1px solid #ccc; padding: 2px;">Yes, No, Not Sure</div></div> <div style="border: 1px solid #ccc; padding: 5px;"><div style="display: flex; justify-content: space-between;"><span><input type="checkbox"/> <b>Checkbox</b></span><span>X</span></div><div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 2px;">What did you order? (check all that apply)</div><div style="border: 1px solid #ccc; padding: 2px;">Soup, Salad, Entrée, Desert</div></div>
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***Dining Experience Survey***

**Did you enjoy your dining experience?**

☐ Yes  
☐ No  
☐ Not Sure

**What did you order? (check all that apply)**

☐ Soup  
☐ Salad  
☐ Entrée  
☐ Desert

**Preview Mode**