CS 390 Assignment 09 – Vue.js Front-End for Web API v2 Fall 2017

Requirements

For this assignment, use Vue.js to create a UI for the Assignment 07 web API (either your solution or the instructors').

Your UI must be of the SPA-style and include:

1) A sign in form
2) A main form
   a) Ability to enter search criteria for questions and displaying a list of matching questions in a list
3) Ability to add a new question.
   a) For this assignment, you do not need to perform data validation when adding a new question since validation is done on the server. However, you should also know that generally, data validation is done on both the client and server.
4) Ability to delete a displayed question.
   a) When the user requests to delete a question, require them to confirm the deletion.
5) A low-fidelity mockup for the UI is shown at the end of this document.

Modify the web API server to include new endpoints to:

1) Return a list of all distinct question category codes and category titles so that the add form can populate a drop-down list of category titles.
2) Delete a question.

Other requirements:

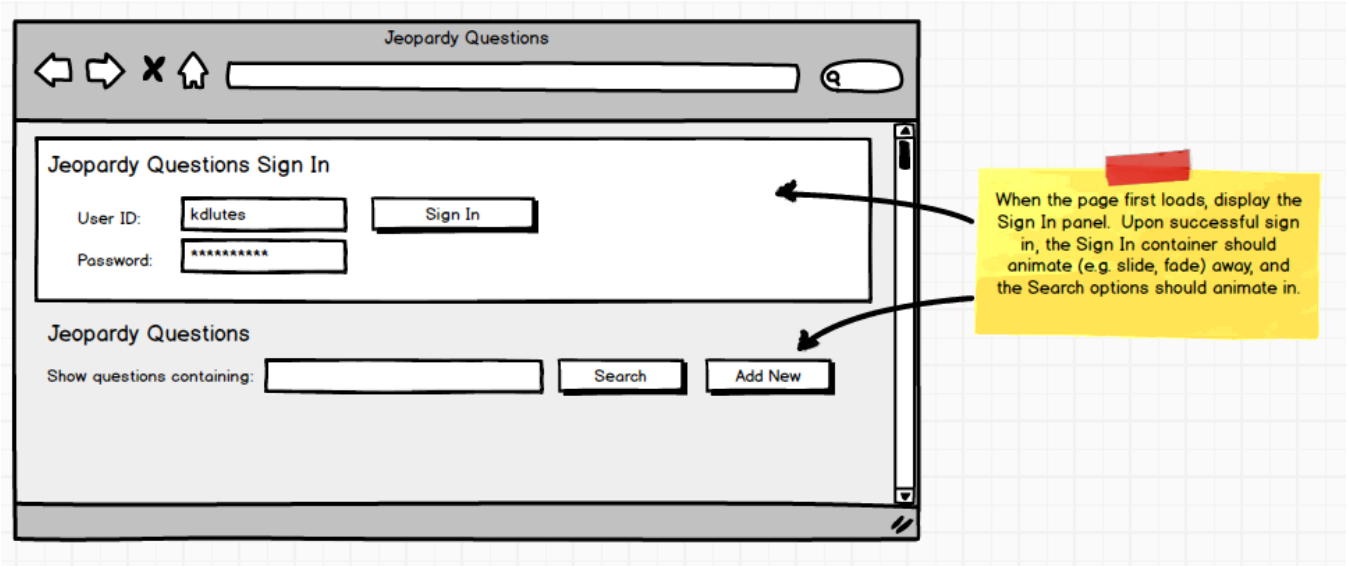
1) Link to the Vue.js code using:
   a) `https://vuejs.org/js/vue.js`
2) Use Vue.js for databinding and to make the UI reactive, similar to what was shown in lecture.
3) To create a scrollable list of matching questions, develop a Vue.js component for displaying a single question, and add an instance of that component to a vertically scrollable div.
4) Use hidden elements for the sign in form, new question add form, and delete confirmation.
   a) Show and hide these elements only when needed and use a Vue.js transition of your choosing to animate them when they are shown and hidden.
5) You *may* use JQuery and other 3rd-party code libraries compatible with Vue.js in your implementation.
6) Your submitted source code should contain at least an HTML file, a CSS file, and a JavaScript file for the client, and a JavaScript file for the server.

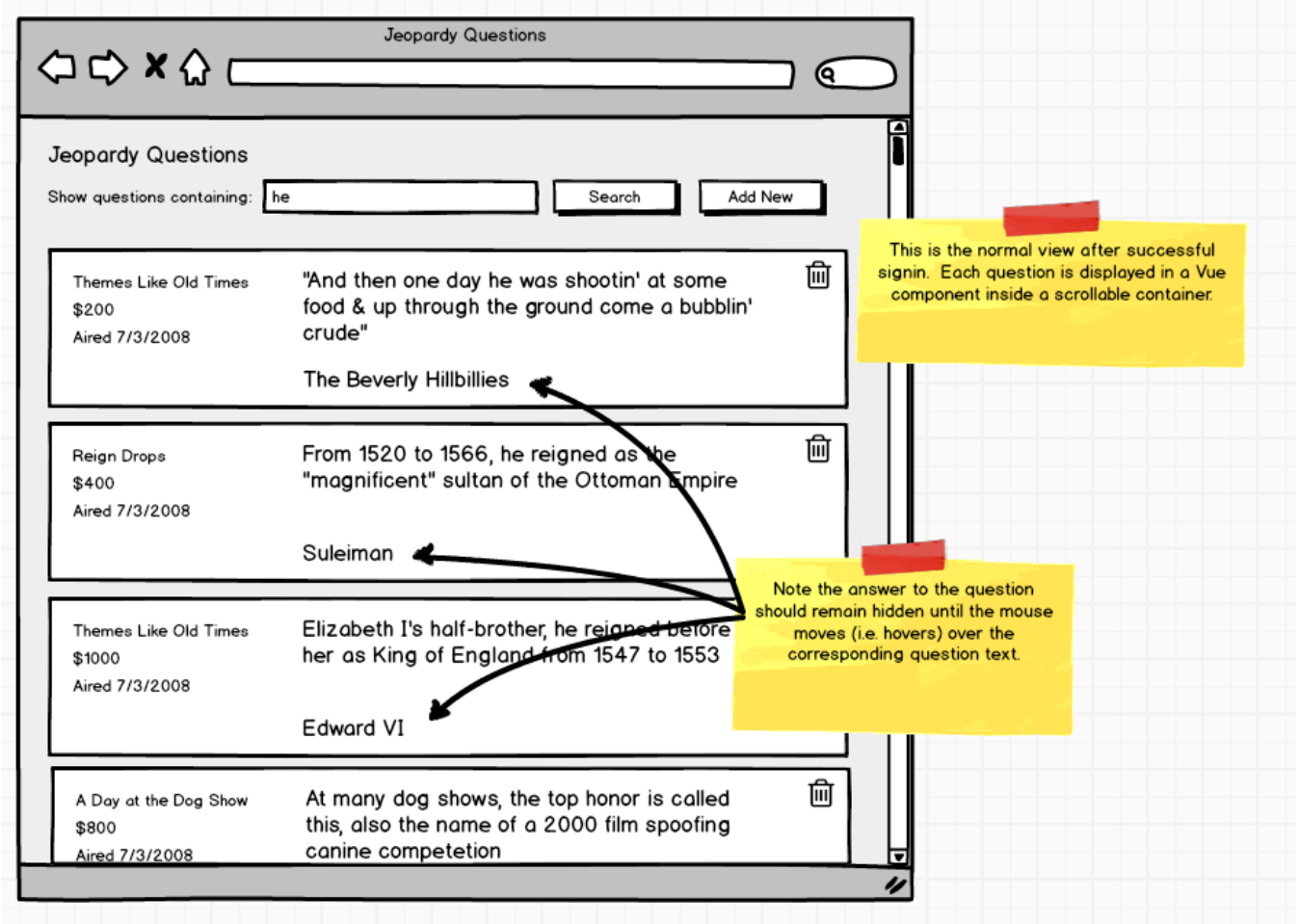
Submission

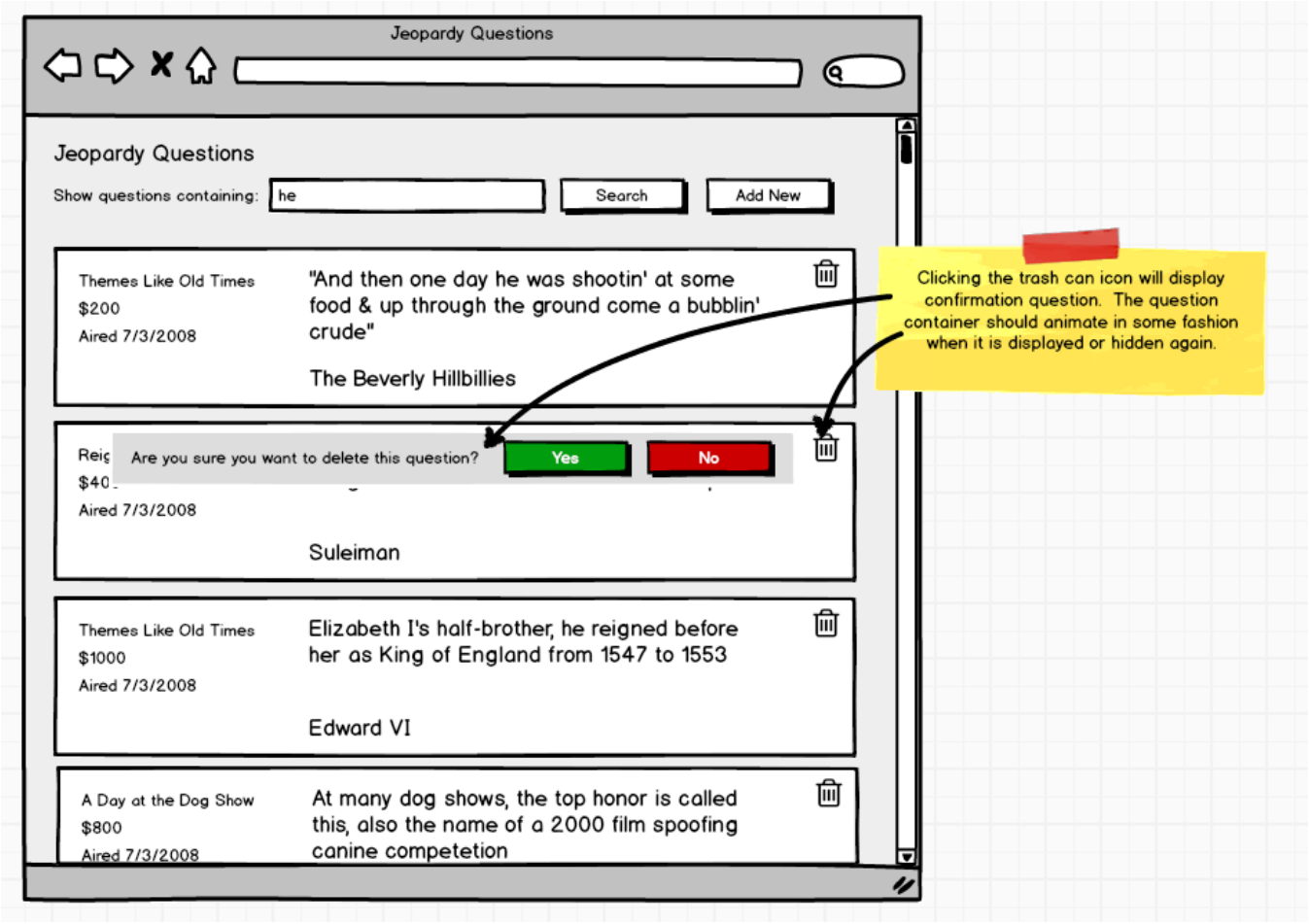
Submit your assignment using Vocareum before **Thursday, December 7th, 11:00 pm.**

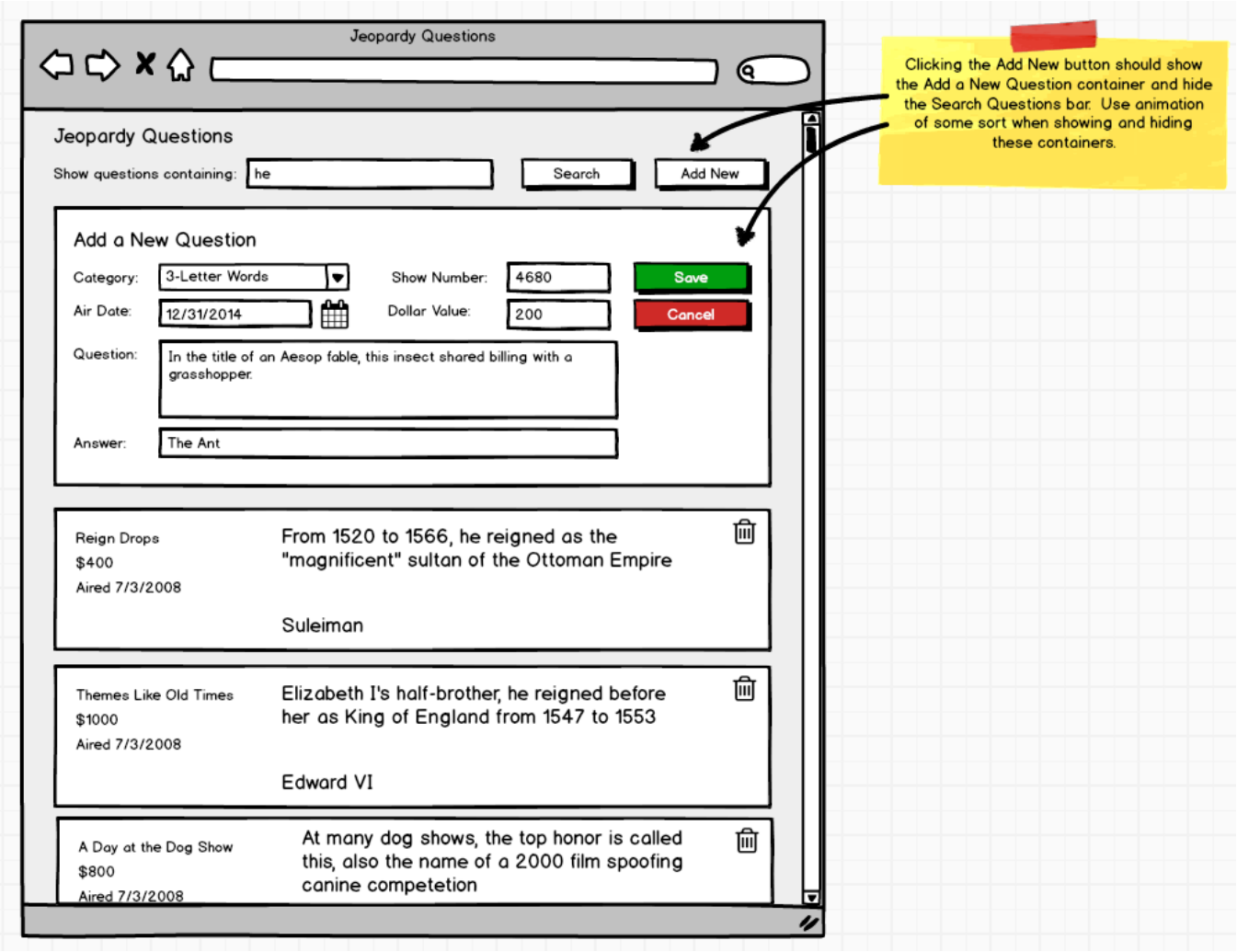
Scoring

Max Points	Requirement
5	Correct file submission (HTML, CSS, JavaScript), coding style and readability, etc.
5	Modifying the server with Delete endpoint.
5	Modifying the server with return list of category codes and titles.
10	Sign in UI including show/hide animation.
10	Main form including list using Vue.js components
10	UI for adding a new question including show/hide animation.
10	UI for deleting a question including confirmation and show/hide animation.
55	**Total**


Jeopardy Questions
Jeopardy Questions Sign In
User ID:
kdlutes
Sign In
Password:
****
Jeopardy Questions
Show questions containing:
Search
Add New
When the page first loads, display the Sign In panel. Upon successful sign in, the Sign In container should animate (e.g. slide, fade) away, and the Search options should animate in.


Jeopardy Questions
Jeopardy Questions
Show questions containing:
he
Search
Add New
Themes Like Old Times
$200
Aired 7/3/2008
"And then one day he was shootin' at some food & up through the ground come a bubblin' crude"
The Beverly Hillbillies
Reign Drops
$400
Aired 7/3/2008
From 1520 to 1566, he reigned as the "magnificent" sultan of the Ottoman Empire
Suleiman
Themes Like Old Times
$1000
Aired 7/3/2008
Elizabeth I's half-brother, he reigned before her as King of England from 1547 to 1553
Edward VI
A Day at the Dog Show
$800
Aired 7/3/2008
At many dog shows, the top honor is called this, also the name of a 2000 film spoofing canine competetion
This is the normal view after successful signin. Each question is displayed in a Vue component inside a scrollable container.
Note the answer to the question should remain hidden until the mouse moves (i.e. hovers) over the corresponding question text.


Jeopardy Questions
Jeopardy Questions
Show questions containing:
he
Search
Add New
Themes Like Old Times
$200
Aired 7/3/2008
"And then one day he was shootin' at some food & up through the ground come a bubblin' crude"
The Beverly Hillbillies
Are you sure you want to delete this question?
Yes
No
Aired 7/3/2008
Suleiman
Themes Like Old Times
$1000
Aired 7/3/2008
Elizabeth I's half-brother, he reigned before her as King of England from 1547 to 1553
Edward VI
A Day at the Dog Show
$800
Aired 7/3/2008
At many dog shows, the top honor is called this, also the name of a 2000 film spoofing canine competetion
Clicking the trash can icon will display confirmation question. The question container should animate in some fashion when it is displayed or hidden again.


Jeopardy Questions
Jeopardy Questions
Show questions containing:
he
Search
Add New
Clicking the Add New button should show the Add a New Question container and hide the Search Questions bar. Use animation of some sort when showing and hiding these containers.
Add a New Question
Category:
3-Letter Words
Show Number:
4680
Save
Air Date:
12/31/2014
Dollar Value:
200
Cancel
Question:
In the title of an Aesop fable, this insect shared billing with a grasshopper.
Answer:
The Ant
Reign Drops
$400
Aired 7/3/2008
From 1520 to 1566, he reigned as the "magnificent" sultan of the Ottoman Empire
Suleiman
Themes Like Old Times
$1000
Aired 7/3/2008
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