

Homework 12

Tree of Pasta

Atul Balaji (ab5246)

List of responsibilities

Tree - Benjamin

- Create arrows and intuitive navigation
- Add hover functionality to nodes as buttons
- Make nodes prettier (text and images)
- Recipe page - create template

Minimap - Kiran

- Expandable minimap through click for zoomed in view
- Jump click navigation via expanded minimap

Basket - Benjamin / Kiran

- Amazon style basket, increment items, dropdown visual, add and remove items as part of the tree traversal

Quiz - Atul

- Create 3 or more ingredient question template
- Fix the multiple button and multiple answer bugs
- Make a button to view the correct answer if an incorrect option was selected
- If the correct answer was selected, make a button to redirect to recipe page
- Make it such that it is not possible to go back via browser in the quiz

Quiz - Silvia

- Create the fill in the blanks question template with required features
- Make a button to show correct answers and another one to redirect to recipe page
- Drag and drop functionality to fill in the blanks with answers
- Calculation of score for the fill in the blanks questions as a percentage

Integration - Benjamin

Video Link

<https://www.youtube.com/watch?v=g6aQkWsTqPc>

Individual

This week, my contributions towards the project (quiz component) were as follows:

1. Fixing bugs in the quiz component. Earlier, it was possible to select multiple options even after the answer was displayed and the next button would appear many times. To solve this, I disabled all the options after any of them were clicked.
2. Added a three ingredient template (with three ingredients and one final answer) in addition to the existing two ingredient template, so that we have more flexibility in designing questions.
3. View answer only if the user wants to. Earlier, if a wrong answer was selected, the correct answer would be displayed immediately, which doesn't give time for the user to introspect as to what might be the correct answer. So, I added a "View Answer" button which gives the user a choice to see the correct answer. If clicked, the correct answer is displayed.
4. Added a view recipe button underneath the correct option which opens up a new tab which will show the recipe of the dish.

Tree of Pasta Quiz

Question 1

Aglio E Olio + Truffle = ?

Options

Tartufata

E' Alici: Wrong

View Answer

Vongole

Buro

Next Question

Above: View answer button

Question 2

E' Alici



Anchovies



Aglio E Olio

Options

Tartufata



Aglio E Olio: Correct

[View Recipe](#)

Buro



Vongole

[Next Question](#)

Above: View recipe button

Question 3

Carbonara



Eggs



Tomatoes

**Options**

Tartufata



Aglio E Olio



Amatriciana



Vongole

Above: Three ingredient template

Screenshot of a commit

ben-kolber / Tree-of-Pasta Private

Watch 1 Fork 0 Star 0

Code Issues Pull requests Actions Projects Security Insights

Full quiz

atul Atul Balaji committed 20 hours ago 1 parent bae47b9 commit 35d62940bf72b950b36d67e9795a724450552a78

Showing 12 changed files with 705 additions and 29 deletions.

Split Unified

.DS_Store

main/.DS_Store

main/server.py

main/static/.DS_Store

main/static/question.js

main/static/question_fill_the_gaps.css

main/static/question_fill_the_gaps.js

main/templates/.DS_Store

main/templates/question_3.html

main/templates/question_fill_the_gaps.html

main/templates/quiz_end.html

main/templates/quiz_layout.html

Export view with id=16t5UUuqX0z8aUqlNATa22eYieBxf6jn",
154 - "correct": 1
161 + "correct": 1,
162 + "recipe_url": "/welcome"
163 + },
164 + {
165 + "id": 3,
166 + "type": "3_ingredients",
167 + "title": "Question 3",
168 + "image_1": "https://drive.google.com/uc?",
169 + "image_2": "https://drive.google.com/uc?",
170 + "image_3": "https://drive.google.com/uc?",
171 + "image_res": "https://drive.google.com/uc?",
172 + "text_1": "Carbonara",
173 + "text_2": "Eggs",
174 + "text_3": "Tomatoes",
175 + "text_res": "Amatriciana",
176 + "operator1": "-",
177 + "operator2": "+",
178 + "options": ["Trufata", "Aglio E Olio", "Amatriciana", "Vongole"],
179 + "option_images": "https://drive.google.com/uc?",
180 + "https://drive.google.com/uc?",
181 + "https://drive.google.com/uc?",
182 + "https://drive.google.com/uc?",
183 + "correct": 2,
184 + "recipe_url": "/welcome"
185 + },

v 119 main/static/question.js

```
@@ -28,15 +28,44 @@ function showbutton(next_item, total, is_correct){  
28     }  
29 }  
30  
31 + function showrecipe(item){  
32 +     $("#recipebutton").click(function(){  
33 +         let url = item["recipe_url"]  
34 +         window.open(url,'_blank')  
35 +     });  
36 + }  
37 +  
38 + function showcorrect(item){  
39 +     $("#imageres").html("")  
40 +     $("#imageres").append(<img src='{{ item["image_res"] }}' alt='Channel Logo'  
41 + height='200' width='250'>)  
42 +     $("#nameres").append(item["text_res"]);  
43 + }
```

v 159 main/templates/question_3.html

```
@@ -0,0 +1,159 @@  
...  
1 + {% extends 'quiz_layout.html' %}  
2 +  
3 + {% block head %}  
4 +  
5 + {{ super() }}  
6 +  
7 + <script type="text/javascript" src="{{ url_for('static', filename = 'question.js') }}></script>  
8 +  
9 + <script>  
10 +     let item = {{item|tojson}}  
11 +     let total = {{total|tojson}}  
12 + </script>  
13 +  
14 + <style>  
15 +     .viewtitle {  
16 +         display: inline-block;  
17 +         font-weight: bold;  
18 +         font-size: 28px;  
19 +         padding-top: 20px;  
20 +     }  
21 +  
22 +     .image{  
23 +         margin-top: 20px;  
24 +     }  
25 +  
26 +     .opimage{  
27 +         margin-top: 20px;  
28 +         margin-left: 10px;  
29 +         margin-right: 50px;  
30 +     }  
31 +  
32 +     .nameres{  
33 + }
```

```
93 + <br>
94 +
95 + <div class="row">
96 +   <div id="image1" class="col-2 image">
97 +     </div>
98 +   <div id="imageop1" class="col-1 operators3">
99 +     </div>
100 +   <div id="image2" class="col-2 image">
101 +     </div>
102 +   <div id="imageop2" class="col-1 operators3">
103 +     </div>
104 +   <div id="image3" class="col-2 image">
105 +     </div>
106 +   <div id="imageop" class="col-1 operators3">
107 +     </div>
108 +   <div id="imageres" class="col-2 image">
109 +     </div>
110 + </div>
111 +
112 + <div class="row">
113 +   <div id="name1" class="col-2 dishname">
114 +     </div>
115 +   <div id="nameop1" class="col-1 dishname">
116 +     </div>
117 +   <div id="name2" class="col-2 dishname">
118 +     </div>
119 +   <div id="nameop2" class="col-1 dishname">
120 +     </div>
121 +   <div id="name3" class="col-2 dishname">
122 +     </div>
123 +   <div id="nameeq" class="col-1 dishname">
124 +     </div>
125 +   <div id="nameres" class="col-2 dishname">
126 +     </div>
127 + </div>
128 +
129 + <br>
```