

Homework 11 Main

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Responsibilities of each group member

Homepage - action button + prettify - Atul

Learning:

- a. Creating a dynamic tree minimap using json data - Benjamin
- b. Using a minimap to show where a user has visited + saving to server - Kiran
- c. Persistent button once all tree has been visited - Benjamin

Quiz:

- a. Architecting the data - Atul
- b. Addition and subtraction template for MCQ questions - Atul
- c. Fill in the missing from option menu - Silvia
- d. Render the entire quiz from json data - Silvia

Video link




<https://youtu.be/sFEhdQ1FXAA>

My contributions to the project this week

I worked on creating the quiz portion of the website. This involved architecting the data in the server, creating templates for the MCQ add and subtract questions, allowing interaction by the user and finally calculating the quiz score. I also integrated the quiz portion with the learning portion of the website.

Tree of Pasta





Question 1

 $+$  $=$ 

Aglio E Olio

Truffle

Options



Tartufata

E' Alici

Vongole

Buro

Github link: <https://github.com/ben-kolber/Tree-of-Pasta>

Screenshot of a commit:

ben-kolber / Tree-of-Pasta Private

Watch 1 Fork 0 Star 0

Code Issues Pull requests Actions Projects Security Insights

Added to main

main

Atul Balaji committed 27 minutes ago

1 parent 88ac973 commit 55e6c8ef7db52cc07fc364bc830f26979c1f639e

Showing 60 changed files with 1,717 additions and 0 deletions.

Split Unified

- Make Tree Data.ipynb +302 -0
- main/.DS_Store BIN
- main/.idea/gitignore +3 -0
- main/.idea/aws.xml +17 -0
- main/.idea/codeStyles/codeStyleConfig.xml +5 -0
- main/.idea/inspectionProfiles/Project_Default.xml +17 -0
- main/.idea/inspectionProfiles/profiles_settings.xml +6 -0
- main/.idea/main.iml +11 -0
- main/.idea/misc.xml +7 -0
- main/.idea/modules.xml +8 -0
- main/.ipynb_checkpoints/ground-checkpoint.ipynb +6 -0

```
120 +
121 + data = [
122 + {
123 +     "id": 1,
124 +     "title": "Question 1",
125 +     "image_1": "https://drive.google.com/uc?
export=view&id=1Bw6bayGQA0HdmT0H8RQjCP1oKkUZv",
126 +     "image_2": "https://drive.google.com/uc?
export=view&id=1EzedWp50Lg_EY99TLIMuPC_jpd-0bnf",
127 +     "image_res": "https://drive.google.com/uc?
export=view&id=1ANGFXicV73UhiDnmHECK1Su-3QIR2H5G",
128 +     "text_1": "Anglio E Olio",
129 +     "text_2": "Truffle",
130 +     "text_res": "Tartufata",
131 +     "operator": "+",
132 +     "options": ["Tartufata", "E' Alici", "Vongole", "Buro"],
133 +     "option_images": ["https://drive.google.com/uc?
export=view&id=1ANGFXicV73UhiDnmHECK1Su-3QIR2H5G",
134 +     "https://drive.google.com/uc?
export=view&id=1AgD6G2k1RxPjo7w6s1Tsem@vph8FESX",
135 +     "https://drive.google.com/uc?
export=view&id=16XSUuqQ5BaiuNA7a22oYieBxf6j",
136 +     "https://drive.google.com/uc?export=view&id=1lzPnapF8d9N1rbX37uA_mpxzt31b-
Xc"],
137 +     "correct": 0
138 + },
139 + {
140 +     "id": 2,
141 +     "title": "Question 2",
142 +     "image_1": "https://drive.google.com/uc?
export=view&id=1AgD6G2k1RxPjo7w6s1Tsem@vph8FESX",
143 +     "image_2": "https://drive.google.com/uc?
export=view&id=1ZLznR761KZzyITPwR26UCCf9MLuW",
144 +     "image_res": "https://drive.google.com/uc?
export=view&id=1Bw6bayGQA0HdmT0H8RQjCP1oKkUZv",
145 +     "text_1": "E' Alici",
146 +     "text_2": "Anchovies",
147 +     "text_res": "Anglio E Olio"
```

```
155 + }
156 + ]
157 +
158 + c = 0
159 +
160 + @app.route('/quiz_home')
161 + def main():
162 +     global c
163 +     c = 0
164 +     return render_template('quiz_home.html', data=data)
165 +
166 + @app.route('/question<id>')
167 + def question(id=0):
168 +     global data
169 +     id = int(id)
170 +     for d in data:
171 +         if d["id"] == id:
172 +             return render_template('question.html', item=d, total=len(data))
173 +     return render_template('question.html', item=d, total=len(data))
174 +
175 + @app.route('/question/update_score', methods=['GET', 'POST'])
176 + def update_score():
177 +     global c
178 +     num = request.get_json()
179 +     c += int(num["correct"])
180 +     return jsonify(url="/quiz_home")
181 +
182 + @app.route('/end')
183 + def end():
184 +     global data
185 +     return render_template('quiz_end.html', c=c, total=len(data))
186 +
187 +
188 + if __name__ == '__main__':
189 +     app.run(debug = True)
190 +
191 +
```