

```
1 //backstory.js
2 import React from 'react'
3 import Container from 'react-bootstrap/Container'
4 import Button from 'react-bootstrap/Button'
5 import Row from 'react-bootstrap/Row'
6 import Col from 'react-bootstrap/Col'
7 import './Style.css';
8 import 'bootstrap/dist/css/bootstrap.css';
9
10 //confirmsuspect.js
11 import React from 'react';
12 import Button from 'react-bootstrap/Button';
13 import ButtonGroup from 'react-bootstrap/ButtonGroup';
14 import Row from 'react-bootstrap/Row';
15 import Container from 'react-bootstrap/Container';
16 import './Style.css';
17 import 'bootstrap/dist/css/bootstrap.css';
18
19 //header.js
20 import React from 'react'
21 import Container from 'react-bootstrap/Container'
22 import Jumbotron from 'react-bootstrap/Jumbotron'
23 import './Style.css';
24 import 'bootstrap/dist/css/bootstrap.css';
25
26 //hint.js
27 import React from 'react';
28 import Card from 'react-bootstrap/Card';
29 import Col from 'react-bootstrap/Col';
30 import Accordion from 'react-bootstrap/Accordion';
31 import Row from 'react-bootstrap/Row';
32 import Container from 'react-bootstrap/Container';
33 import './Style.css';
34 import 'bootstrap/dist/css/bootstrap.css';
35
36 //index.js
37 import React from 'react';
38 import ReactDOM from 'react-dom';
39 import { BrowserRouter as Router, Switch, Route } from "react-router-dom";
40 import Header from './header'
41 import Backstory from './backstory'
42 import Rules from './rules'
43 import Practice from './practice'
44 import Step1 from './step1'
45 import Step2 from './step2';
46 import Step3 from './step3';
47 import Step4 from './step4';
48 import Step5 from './step5';
49 import Step6 from './step6';
```

```
50 import Step7 from './step7';
51 import BuildingAccess from './building_access';
52 import PaddedCell from './paddedcell';
53 import TableList from './table_list';
54
55 // Written by Lia Ferguson, Julia Workum, and Andrew Fecher
56 ReactDOM.render(
57   <React.StrictMode>
58     <Router>
59       <Header></Header>
60       <div>
61         <Switch>
62           <Route path='/step3'>
63             <Step3 />
64           </Route>
65           <Route path='/step2'>
66             <Step2 />
67           </Route>
68           <Route path='/rules'>
69             <Rules />
70           </Route>
71           <Route path='/practice'>
72             <Practice />
73           </Route>
74           <Route path='/step1'>
75             <Step1 />
76           </Route>
77           <Route exact path='/'>
78             <Backstory />
79           </Route>
80           <Route path='/step4'>
81             <Step4 />
82           </Route>
83           <Route path='/step5'>
84             <Step5 />
85           </Route>
86           <Route path='/paddedcell'>
87             <PaddedCell />
88           </Route>
89           <Route path='/step6'>
90             <Step6 />
91           </Route>
92           <Route path='/step7'>
93             <Step7 />
94           </Route>
95         </Switch>
96       </div>
97     </Router>
98   </React.StrictMode>,
```

```
99     document.getElementById( 'root' )
100 );
101
102 //loginsql.js
103 import React from 'react'
104 import Button from 'react-bootstrap/Button';
105 import Row from 'react-bootstrap/Row';
106 import Col from 'react-bootstrap/Col';
107 import Form from 'react-bootstrap/Form';
108 import Container from 'react-bootstrap/Container';
109 import './Style.css';
110 import 'bootstrap/dist/css/bootstrap.css';
111
112 //paddedcell.js
113 import React from 'react';
114 import Card from 'react-bootstrap/Card';
115 import CardGroup from 'react-bootstrap/CardGroup';
116 import Popover from 'react-bootstrap/Popover';
117 import OverlayTrigger from 'react-bootstrap/OverlayTrigger';
118 import Button from 'react-bootstrap/Button';
119 import Row from 'react-bootstrap/Row';
120 import Container from 'react-bootstrap/Container';
121 import './Style.css';
122 import 'bootstrap/dist/css/bootstrap.css';
123
124 //practice.js
125 import React from 'react'
126 import Button from 'react-bootstrap/Button';
127 import Row from 'react-bootstrap/Row';
128 import Col from 'react-bootstrap/Col';
129 import Form from 'react-bootstrap/Form';
130 import Container from 'react-bootstrap/Container';
131 import './Style.css';
132 import 'bootstrap/dist/css/bootstrap.css';
133
134 //responseTable.js
135 import React from 'react';
136 import './table.css'
137
138 //rules.js
139 import React from 'react'
140 import Container from 'react-bootstrap/Container'
141 import Button from 'react-bootstrap/Button'
142 import Row from 'react-bootstrap/Row'
143 import './Style.css';
144 import 'bootstrap/dist/css/bootstrap.css';
145
146 //step1.js
147 import Form from 'react-bootstrap/Form';
```

```
148 import Col from 'react-bootstrap/Col';
149 import Row from 'react-bootstrap/Row';
150 import Accordion from 'react-bootstrap/Accordion';
151 import Card from 'react-bootstrap/Card';
152 import ListGroup from 'react-bootstrap/ListGroup';
153 import './Style.css';
154 import 'bootstrap/dist/css/bootstrap.css';
155
156 //step2.js
157 import React from 'react'
158 import Container from 'react-bootstrap/Container'
159 import Button from 'react-bootstrap/Button'
160 import './Style.css';
161 import 'bootstrap/dist/css/bootstrap.css';
162 import Col from 'react-bootstrap/Col';
163 import Row from 'react-bootstrap/Row';
164 import Card from 'react-bootstrap/Card';
165 import CardGroup from 'react-bootstrap/CardGroup';
166 import OverlayTrigger from 'react-bootstrap/OverlayTrigger';
167 import Popover from 'react-bootstrap/Popover';
168
169 //step3.js
170 import React from 'react'
171 import Container from 'react-bootstrap/Container'
172 import Button from 'react-bootstrap/Button'
173 import Col from 'react-bootstrap/Col';
174 import Row from 'react-bootstrap/Row';
175 import ResponseTable from './ResponseTable'
176 import LoginSQL from './loginsql';
177 import Hint from './hint';
178 import './Style.css';
179 import 'bootstrap/dist/css/bootstrap.css';
180
181 //step4.js
182 import React from 'react';
183 import Container from 'react-bootstrap/Container';
184 import Card from 'react-bootstrap/Card';
185 import ButtonGroup from 'react-bootstrap/ButtonGroup';
186 import Button from 'react-bootstrap/Button';
187 import OverlayTrigger from 'react-bootstrap/OverlayTrigger';
188 import Popover from 'react-bootstrap/Popover';
189 import Row from 'react-bootstrap/Row';
190 import CardGroup from 'react-bootstrap/CardGroup';
191 import Col from 'react-bootstrap/Col';
192 import Hint from './hint';
193 import LoginSQL from './loginsql';
194 import ResponseTable from './ResponseTable';
195 import './Style.css';
196 import 'bootstrap/dist/css/bootstrap.css';
```

```
197
198 //step5.js
199 import React from 'react';
200 import Row from 'react-bootstrap/Row';
201 import ReactTimeout from 'react-timeout';
202 import Container from 'react-bootstrap/Container';
203 import Button from 'react-bootstrap/Button';
204 import './Style.css';
205 import 'bootstrap/dist/css/bootstrap.css';
206 import LoginSQL from './loginsql';
207 import TrojanModal from './trojanmodal';
208 import Hint from './hint';
209 import Suspect from './suspect';
210 import ResponseTable from './ResponseTable';
211
212 //step6.js
213 import React from 'react';
214 import Container from 'react-bootstrap/Container';
215 import Button from 'react-bootstrap/Button';
216 import Row from 'react-bootstrap/Row';
217 import Hint from './hint';
218 import './Style.css';
219 import 'bootstrap/dist/css/bootstrap.css';
220 import LoginSQL from './loginsql';
221 import Suspect from './suspect';
222 import ConfirmSuspect from './confirmsuspect';
223 import ResponseTable from './ResponseTable';
224
225 //step7.js
226 import React from 'react';
227 import Container from 'react-bootstrap/Container';
228 import Button from 'react-bootstrap/Button';
229 import Row from 'react-bootstrap/Row';
230 import Hint from './hint';
231 import './Style.css';
232 import 'bootstrap/dist/css/bootstrap.css';
233 import LoginSQL from './loginsql';
234 import Suspect from './suspect';
235 import Col from 'react-bootstrap/Col';
236 import Form from 'react-bootstrap/Form';
237 import ResponseTable from './ResponseTable';
238 import Modal from 'react-bootstrap/Modal';
239
240 //style.css
241 /* Written by Lia Ferguson */
242
243 .header - content{
244     text - align: center;
245 }
```

```
246
247 .sub - headers {
248     text - align: center;
249 }
250
251
252 .login - form {
253     margin - top: 50px;
254     margin - bottom: 100px;
255 }
256
257 .login - button{
258     width: 70 %;
259 }
260
261 .form - control{
262     width: 70 % !important;
263 }
264
265 .login - labels {
266     padding - right: 400px;
267 }
268
269 .hint {
270     margin - top: 50px;
271 }
272
273 .sql - results {
274     margin - top: 50px;
275     width: 70 %;
276 }
277
278 .question - button {
279     width: 30 %;
280     margin - top: 20px;
281     margin - left: 100px;
282     margin - bottom: 10px;
283 }
284
285 .answer - text {
286     margin: 20px;
287 }
288
289 .sub - headers {
290     text - align: center;
291 }
292
293 .mb - 2 {
294     margin - left: 225px;
```

```
295 }
296
297 .helper - text {
298     text - align: center;
299 }
300
301 .instruction - div {
302     margin - top: 25px;
303 }
304
305 table, th, td {
306     border: 1px solid black;
307     border - collapse: collapse;
308 }
309
310 th, td {
311     padding: 15px;
312 }
313
314 .second - row - qq {
315     margin - left: 14px;
316 }
317
318 .col - table {
319     margin - top: 80px;
320 }
321
322 .suspect - field {
323     width: 100 %;
324 }
325
326
327 .button - padding {
328     margin - top: 30px;
329 }
330
331 .begin - button {
332     margin - left: 527px;
333 }
334
335 .pad - cell - button {
336     margin - left: 475px;
337 }
338
339 .question - text {
340     text - align: center;
341 }
342
343 .q - text {
```

```
344     width: 50 %;
345 }
346
347 .button - group - suspect {
348     margin - left: 500px;
349 }
350
351 .center - text {
352     margin - left: 240px;
353 }
354
355 .text - under - table {
356     margin - top: 50px;
357 }
358
359 suspect.js
360 import React from 'react';
361 import Container from 'react-bootstrap/Container';
362 import Button from 'react-bootstrap/Button';
363 import Row from 'react-bootstrap/Row';
364 import Col from 'react-bootstrap/Col';
365 import Form from 'react-bootstrap/Form';
366 import './Style.css';
367 import 'bootstrap/dist/css/bootstrap.css';
368
369 //table.css
370 /*Andrew Fecher*/
371 .sqltable {
372     font - family: Arial, Helvetica, sans - serif;
373     border - collapse: collapse;
374     width: 100 %;
375     display: flex;
376     justify - content: center;
377     align - items: center;
378 }
379
380 .sqltable td, #customers th {
381     border: 1px solid #ddd;
382     padding: 8px;
383 }
384
385 .sqltable tr: nth - child(even) {
386     background - color: #f2f2f2;
387 }
388
389 .sqltable tr: hover {
390     background - color: #ddd;
391 }
392
```



```
393     .sqltable th {
394         padding - top: 12px;
395         padding - bottom: 12px;
396         text - align: left;
397         background - color: #ABCDEF;
398         color: white;
399     }
400
401 //trojanmodal.js
402 import React from 'react';
403 import ReactTimeout from 'react-timeout';
404 import Container from 'react-bootstrap/Container';
405 import Button from 'react-bootstrap/Button';
406 import Modal from 'react-bootstrap/Modal';
407 import Form from 'react-bootstrap/Form';
408 import Spinner from 'react-bootstrap/Spinner';
409 import './Style.css';
410 import 'bootstrap/dist/css/bootstrap.css';
411
```

```
1 # From endpoints.py
2 from flask import Flask, Blueprint, request, jsonify;
3 from app.db import get_db
4 from app.helper import *
5 import json
6
7 # From api/__init__.py
8 from .endpoints import *
9
10 # From helper/__init__.py
11 from .helper_functions import *
12
13 # from helper_functions.py
14 import os
15 import platform
16 import pprint
17 import json
18
19 # from app/__init__.py
20 # generic code used from flask documentation for application factory
21 # source link: https://flask.palletsprojects.com/en/1.1.x/tutorial/factory/
22 import os
23
24 from flask import Flask
25 from . import db
26 import app.api as api
27 from flask_cors import CORS
28
29 def create_app(test_config=None):
30     # create and configure the app
31     app = Flask(__name__, instance_relative_config=True)
32     app.config.from_mapping(
33         SECRET_KEY='dev',
34         DATABASE=os.path.join(app.instance_path, 'game_db.sqlite'),
35     )
36
37     if test_config is None:
38         # load the instance config, if it exists, when not testing
39         app.config.from_pyfile('config.py', silent=True)
40     else:
41         # load the test config if passed in
42         app.config.from_mapping(test_config)
43
44     # ensure the instance folder exists
45     try:
46         os.makedirs(app.instance_path)
47     except OSError:
48         pass
```

```
49
50     db.init_app(app)      # registers database with app
51
52     app.register_blueprint(api.endpoints.bp)
53     CORS(app)
54     return app
55
56 # From db.py
57 # generic code used from flask documentation to set up a sqlite database instance
58 # source link: https://flask.palletsprojects.com/en/1.1.x/tutorial/database/
59 import sqlite3
60 import click
61 from flask import current_app, g
62 from flask.cli import with_appcontext
63 import app.data as data
64
65 def get_db():
66     if 'db' not in g:
67         g.db = sqlite3.connect(
68             current_app.config['DATABASE'],
69             detect_types=sqlite3.PARSE_DECLTYPES
70         )
71         g.db.row_factory = sqlite3.Row
72
73     return g.db
74
75
76 def close_db(e=None):
77     db = g.pop('db', None)
78
79     if db is not None:
80         db.close()
81
82 def init_db():
83     db = get_db()
84
85     with current_app.open_resource('schema.sql') as f:
86         db.executescript(f.read().decode('utf8'))
87
88 @click.command('init-db')
89 @with_appcontext
90 def init_db_command():
91     """Clear the existing data and create new tables."""
92     init_db()
93     click.echo('Initialized the database.')
94
95 def init_app(app):
96     app.teardown_appcontext(close_db)
```

---

```
97     app.cli.add_command(init_db_command)
98
99 # from data/__init__.py
100 from .database_functions import *
101
102 # from database_functions.py
103 import csv
104
105 # requirements.txt
106 click==7.1.2
107 Flask==1.1.2
108 Flask-Cors==3.0.10
109 itsdangerous==1.1.0
110 Jinja2==2.11.3
111 MarkupSafe==1.1.1
112 six==1.15.0
113 Werkzeug==1.0.1
```