Code Review Worksheet

CPSC 491/491L/492L

Review Identification Information

      Date of Review: 11/19/2023

      Project Review is Part of: Medcurity Network Inventory Team

      Branch/PR Identifier: Updated UI, added login check, need to add DB API #13

      Code Reviewer(s): Jack Nealon

      Code Author or Source of Code: Artis Nateephaisan

These following categories should be addressed, though not all might be applicable, it will depend upon the project and code at hand.

#1 Project, Milestone, Issues, Features Included, and/or Pull Request description
- UI Project Milestone
- Login checking
- Setup for database and api
- UI styling

#2 Code Structural, Design Considerations, and Style Guide Suggestions
- Everything is looking good structurally, the design considerations are all in the right direction, the code works when used in chrome and a good implementation into the overall code.

#3 Code Architectural and Efficiency Considerations
- Now we just have to attach it to the database like said in the code and we're good to go for the future. Nothing to really consider in terms of efficiency at this point.

#4 Execution, Runtime, and Bugs
- Everything runs fine, just need some code to test the accuracy of the data that was entered by the user.

#5 Documentation Quality and Completeness
- Looks good, it would be better to have more comments just describing the general flow of the files but it is still a small enough file that it doesn't take a lot of effort to understand the mechanics of the file.

#6 Testing, Tests, Coverage, and suggested testing improvements
- For the next sprint we could add a test with hardcoded information that checks to make sure that the program isn't messing up anything. Correct info results in success and incorrect info results in failure with the resulting message.
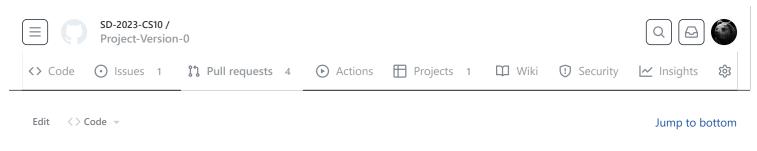
#7 General Comments, Notes or Other Suggestions for Author
- Good job in designing the login and adding some of the structural code to help make database communication easier to implement in the future.

#8 Appendix - Include up to five pages of the code under review as a diff.
See git diff or do a diff in VS code/IDE of choice
Show what's being reviewed, code or otherwise (config files, scripts, docs, etc).

SD-2023-CS10 /
Project-Version-0

‹› Code   ⊙ Issues 1   ⑂ Pull requests 4   ▷ Actions   ⊞ Projects 1   📖 Wiki   ⊘ Security   📈 Insights   ⚙

Edit   ‹› Code ⌄   Jump to bottom

Updated UI, added login check, need to add DB API #13

⑂ Open   **artisnate** wants to merge 1 commit into `main` from `login-UI` ⎘

| Conversation 0 | Commits 1 | Checks 0 | Files changed 4 |

Changes from **all commits** ⌄   File filter ⌄   **Conversations** ⌄   Jump to ⌄   ⚙ ⌄

```
⌄  BIN +6 KB  .DS_Store ⎘
```
Binary file not shown.

```
⌄  52 ■■■■■  UI/login.html ⎘
```

...	...	@@ -1,23 +1,29 @@
1		- <!DOCTYPE html>
2		- <html>
3		- <head>
4		- <link href="styles.css" rel="stylesheet">
5		- <meta name="viewport" content="width=device-width, initial-scale=1">
6		- <title> Login Page </title>
7		- </head>
8		- <body>
9		- Medcurity Login Page
10		- <form>
11		- <div class="container">
12		- <label>Username : </label>
13		- <input type="text" placeholder="Enter Username" name="username" required>
14		- <label>Password : </label>
15		- <input type="password" placeholder="Enter Password" name="password" required>
16		- <button type="submit">Login</button>
17		- <input type="checkbox" checked="checked" class="checkbox"> Remember me
18		- <!-- <button type="button" class="cancelbtn"> Cancel</button> -->
19		- Forgot password?
20		- </div>
21		- </form>
22		- </body>
23		- </html>
		⊖
	1	+ <!DOCTYPE html>
	2	+ <head>
	3	+ <meta name="viewport" content="width=device-width, initial-scale=1.0">
	4	+ <meta charset="utf-8">
	5	+ <title>Login / Sign Up Form</title>
	6	+ <!-- <link rel="shortcut icon" href="/assets/favicon.ico"> -->
	7	+ <link rel="stylesheet" href="styles.css">
	8	+ </head>
	9	<body>

```
 10  +        <div class="container">
 11  +            <form class="form" id="login">
 12  +                <h1 class="form__title">Login</h1>
 13  +                <div class="form__message form__message--error"></div>
 14  +                <div class="form__input-group">
 15  +                    <input type="text" class="form__input" autofocus placeholder="Username">
 16  +                    <div class="form__input-error-message"></div>
 17  +                </div>
 18  +                <div class="form__input-group">
 19  +                    <input type="password" class="form__input" autofocus placeholder="Password">
 20  +                    <div class="form__input-error-message"></div>
 21  +                </div>
 22  +                <button class="form__button" type="submit">Continue</button>
 23  +                <p class="form__text">
 24  +                    <a href="#" class="form__link">Forgot your password?</a>
 25  +                </p>
 26  +            </form>
 27  +        </div>
 28  +        <script src="./src/main.js"></script>
 29  + </body>
```

⊖

∨ **51** ▮▮▮▮▮ UI/logincheck.js ⧉

```
...   ...         @@ -0,0 +1,51 @@
        1   + function setFormMessage(formElement, type, message) {
        2   +     const messageElement = formElement.querySelector(".form__message");
        3   +
        4   +     messageElement.textContent = message;
        5   +     messageElement.classList.remove("form__message--success", "form__message--error");
        6   +     messageElement.classList.add(`form__message--${type}`);
        7   + }
        8   +
        9   + function setInputError(inputElement, message) {
       10   +     inputElement.classList.add("form__input--error");
       11   +     inputElement.parentElement.querySelector(".form__input-error-message").textContent = message;
       12   + }
       13   +
       14   + function clearInputError(inputElement) {
       15   +     inputElement.classList.remove("form__input--error");
       16   +     inputElement.parentElement.querySelector(".form__input-error-message").textContent = "";
       17   + }
       18   +
       19   + document.addEventListener("DOMContentLoaded", () => {
       20   +     const loginForm = document.querySelector("#login");
       21   +
       22   +
       23   +
       24   +     document.querySelector("#linkLogin").addEventListener("click", e => {
       25   +         e.preventDefault();
       26   +         loginForm.classList.remove("form--hidden");
       27   +         createAccountForm.classList.add("form--hidden");
       28   +     });
       29   +
       30   +     loginForm.addEventListener("submit", e => {
       31   +         // Use prevent default to
       32   +         e.preventDefault();
       33   +
       34   +
```

```
35  +          // Perform Fetch using DB info, need API
36  +
37  +          setFormMessage(loginForm, "error", "Invalid username/password combination");
38  +      });
39  +
40  +      document.querySelectorAll(".form__input").forEach(inputElement => {
41  +          inputElement.addEventListener("blur", e => {
42  +              if (e.target.id === "signupUsername" && e.target.value.length > 0 && e.target.value.length < 10) {
43  +                  setInputError(inputElement, "Username must be at least 10 characters in length");
44  +              }
45  +          });
46  +
47  +          inputElement.addEventListener("input", e => {
48  +              clearInputError(inputElement);
49  +          });
50  +      });
51  +  });
```

---

217 ■■■■■■ UI/styles.css

```
...   ...      @@ -1,86 +1,131 @@
1            -
2            -  Body {
3            -      font-family: Calibri, Helvetica, sans-serif;
4            -      background-color: white;
5            -  }
6            -  button {
7            -      background-color: lightblue;
8            -      width: 100%;
9            -      color: blue;
10           -      padding: 15px;
11           -      margin: 10px 0px;
12           -      border: none;
13           -      cursor: pointer;
14           -  }
15           -
16           -  form {
17           -      border: 3px solid blue;
18           -  }
19           -
20           -  input[type=text], input[type=password] {
21           -      width: 100%;
22           -      margin: 8px 0;
23           -      padding: 12px 20px;
24           -      display: inline-block;
25           -      border: 2px solid blue;
26           -      box-sizing: border-box;
27           -  }
28           -
29           -  button:hover {
30           -      opacity: 0.7;
31           -  }
32           -
33           -  .cancelbtn {
34           -      width: auto;
35           -      padding: 10px 18px;
36           -      margin: 10px 5px;
37           -  }
```

```
38   -
39   -     /* .checkbox {
40   -         padding-right: 20;
41   -     } */
42   -
43   -     .container {
44   -         padding: 25px;
45   -         background-color: white;
46   -     }
47   -
48   -     a, li a {
49   -         color: #000000
50   -     }
51   -
52   -     #header h1.textlogo {
53   -         font-family: Roboto New, monospace;
54   -         font-size: 40px;
55   -         text-align: left;
56   -         content: "Network Inventory";
57   -     }
58   -
59   -     #nav ul {
60   -         display: flex;
61   -         list-style: none;
62   -         padding: 0;
63   -         gap: 10px;
64   -     }
65   -
66   -     #nav li {
67   -         flex-grow: 1;
68   -         text-align: center;
69   -     }
70   -
71   -     #nav a {
72   -         background-color: rgb(109, 68, 212);
73   -         padding: 15px;
74   -         font-family: Verdana, sans-serif;
75   -         font-size: 14px;
76   -         font-variant: small-caps;
77   -         text-decoration: none;
78   -     }
79   -
80   -     #nav a:hover {
81   -         background-color: #47249f;
82   -         color: #FFFFFF;
83   -         padding: 10px;
84   -         text-decoration: overline;
85   -         font-weight: bold;
86   -     }
     ⊖
1    +  body {
2    +     --color-primary: #0000FF;
3    +     --color-primary-dark: #53adcb;
4    +     --color-secondary: #252c6a;
5    +     --color-error: #cc3333;
6    +     --color-success: #4bb544;
7    +     --border-radius: 4px;
8    +
9    +     margin: 0;
10   +     height: 100vh;
```

```css
11  +    display: flex;
12  +    align-items: center;
13  +    justify-content: center;
14  +    font-size: 18px;
15  +    /* Need to add logo for our background, right now it's super low quality if I add the screenshots*/
16  +    background: url();
17  +    background-size: cover;
18  + }
19  +
20  + .container {
21  +    width: 400px;
22  +    max-width: 400px;
23  +    margin: 1rem;
24  +    padding: 2rem;
25  +    box-shadow: 0 0 40px rgba(0, 0, 0, 0.2);
26  +    border-radius: var(--border-radius);
27  +    background: #ffffff;
28  + }
29  +
30  + .container,
31  + .form__input,
32  + .form__button {
33  +    font: 500 1rem 'Quicksand', sans-serif;
34  + }
35  +
36  + .form--hidden {
37  +    display: none;
38  + }
39  +
40  + .form > *:first-child {
41  +    margin-top: 0;
42  + }
43  +
44  + .form > *:last-child {
45  +    margin-bottom: 0;
46  + }
47  +
48  + .form__title {
49  +    margin-bottom: 2rem;
50  +    text-align: center;
51  + }
52  +
53  + .form__message {
54  +    text-align: center;
55  +    margin-bottom: 1rem;
56  + }
57  +
58  + .form__message--success {
59  +    color: var(--color-success);
60  + }
61  +
62  + .form__message--error {
63  +    color: var(--color-error);
64  + }
65  +
66  + .form__input-group {
67  +    margin-bottom: 1rem;
68  + }
69  +
70  + .form__input {
```

```
 71   +    display: block;
 72   +    width: 100%;
 73   +    padding: 0.75rem;
 74   +    box-sizing: border-box;
 75   +    border-radius: var(--border-radius);
 76   +    border: 1px solid #dddddd;
 77   +    outline: none;
 78   +    background: #eeeeee;
 79   +    transition: background 0.2s, border-color 0.2s;
 80   + }
 81   +
 82   + .form__input:focus {
 83   +    border-color: var(--color-primary);
 84   +    background: #ffffff;
 85   + }
 86   +
 87   + .form__input--error {
 88   +    color: var(--color-error);
 89   +    border-color: var(--color-error);
 90   + }
 91   +
 92   + .form__input-error-message {
 93   +    margin-top: 0.5rem;
 94   +    font-size: 0.85rem;
 95   +    color: red;
 96   + }
 97   +
 98   + .form__button {
 99   +    width: 100%;
100   +    padding: 1rem 2rem;
101   +    font-weight: bold;
102   +    font-size: 1.1rem;
103   +    color: #ffffff;
104   +    border: none;
105   +    border-radius: var(--border-radius);
106   +    outline: none;
107   +    cursor: pointer;
108   +    background: var(--color-primary);
109   + }
110   +
111   + .form__button:hover {
112   +    background: var(--color-primary-dark);
113   + }
114   +
115   + .form__button:active {
116   +    transform: scale(0.98);
117   + }
118   +
119   + .form__text {
120   +    text-align: center;
121   + }
122   +
123   + .form__link {
124   +    color: var(--color-secondary);
125   +    text-decoration: none;
126   +    cursor: pointer;
127   + }
128   +
129   + .form__link:hover {
130   +    text-decoration: underline;
```

```
131  + }
```