



Web Engineering

Assignment # 2

Submitted by

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Submitted to

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Login Page & sign up page Layout using Grid:

Body – 3 rows & 1 column

Nav – First row

Main – second row (Grid of 2 columns: login form and image)

Footer – Third row (grid of 2 rows – first row(grid of 4 columns) , second footer line)

In this sign in page, I made 3 rows (nav, main and footer) and 1 column.

```
1  body {
2    margin: 0px;
3    font-family: "Open Sans", "Helvetica Neue", Helvetica, Arial, sans-serif;
4    display: grid;
5    grid-template-rows: auto 1fr auto;
6    grid-template-columns: 1fr;
7    min-height: 100vh;
8  }
```

and made grid of 1 row and 2 columns (form login and image)

```
22  .main {
23    display: grid;
24    grid-template-columns: 1fr 1fr;
25    grid-gap: 5px;
26  }
```

```
28  .login {
29    width: 100%;
30    height: 600px;
31    color: #dc0a0a;
32    text-align: center;
33    align-items: center;
34    height: 1000px;
35  }
```

Second column

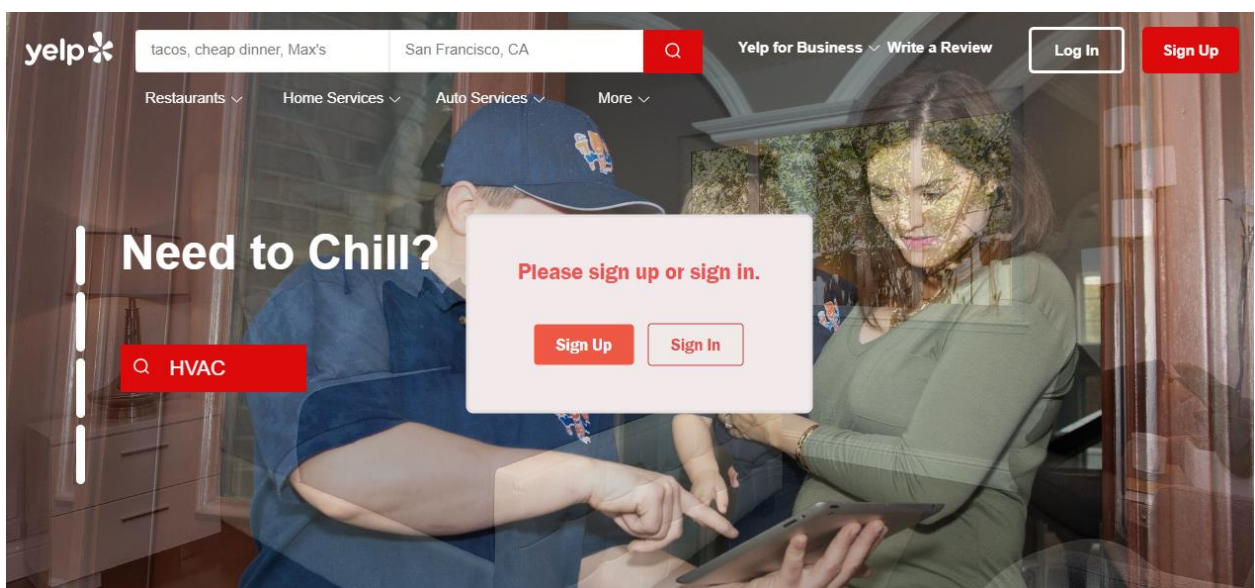
```
102  .img_main {
103    display: flex;
104    justify-content: center;
105    align-items: center;
106  }
```

Footer:

```
113 footer {
114   background-color: #f7f7f7;
115   font-family: system-ui, -apple-system, BlinkMacSystemFont, "Segoe UI", Roboto,
116     Oxygen, Ubuntu, Cantarell, "Open Sans", "Helvetica Neue", sans-serif;
117   display: grid;
118   grid-template-rows: 1fr auto;
119   grid-template-columns: repeat(4, 1fr);
120 }
```

Validation based on different rules:

- When the home page first loads it should show the user a pop-up window guiding him to first Sign Up or Sign in



- Once The user clicks the corresponding option, the user should be redirected to the respective page. (Html code)

```
413 <div id="popup">
414   <h2 class="popup-title">Please sign up or sign in.</h2>
415   <a class="btn" href="signup.html">Sign Up</a>
416   <a class="btn-2" href="login.html">Sign In</a>
417 </div>
```

Javascript code:

```
1 window.onload = function () {  
2   document.getElementById("popup").style.display = "block";  
3 };  
4
```


For Login in page:


- When the user enters the email and password and tries to submit it, the following should be validated using JavaScript.
- To ensure the email address entered is valid, it should be checked for the presence of "@gmail.com". If any issues are detected, the email address input field should have its border color changed to red.


Log in to Yelp

New To Yelp? [Sign up](#)

By continuing, you agree to Yelp's [Terms of Service](#) and acknowledge Yelp's [Privacy Policy](#).


 Continue with Facebook

 Continue with Google

 Continue with Apple

OR

Password

 Please include an '@' in the email address. Missing @ in email

[Forget password?](#)

Log in

New to Yelp? [Sign Up](#)

```

5  ✓ function validateEmail() {
6      var emailInput = document.getElementById("email");
7      var errorDiv = document.getElementsByClassName("error")[0];
8
9  ✓  if (!emailInput.value.includes("@gmail")) {
10     emailInput.style.border = "2px solid red";
11     errorDiv.style.display = "block";
12  ✓  } else {}
13     emailInput.style.border = "";
14     errorDiv.style.display = "none";
15  }
16 }

```

- Properly configure the border radius, color, and shadow of the input field when it is focused.


[Forget password?](#)


For Sign Up page:


Sign up for Yelp

Connect with great local businesses

By continuing, you agree to Yelp's [Terms of Service](#) and acknowledge Yelp's [Privacy Policy](#).

 Continue with Facebook

 Continue with Google

 Continue with Apple

OR

Password must be at least 8 characters in length

Email verification:



Please include an '@' in the email address. Missing @ in email

- Add a password confirmation input field and use JavaScript to check if the both the passwords are matched.

password

Password must be at least 8 characters in length

Confirm Password

- Display a text hint and change the border color of both password fields to red if they don't match.

FirstName LastName

Email

....|

Passwords do not match

Password must be at least 8 characters in length

Confirm Password

ZIP code

Birthday Optional

Month ▼ Day ▼ Year ▼

- Once they match, restore the original CSS styles of the password input fields.

Email

.....

Password must be at least 8 characters in length

....|

Javascript code:

```
14 // passwords doesnt match
15 const passwordInput = document.getElementById("passwordInput");
16 const confirmPasswordInput = document.getElementById("confirmPasswordInput");
17 const passwordMatchHint = document.getElementById("passwordMatchHint");
18
19 function validatePassword() {
20     if (passwordInput.value !== confirmPasswordInput.value) {
21         passwordInput.style.borderColor = "red";
22         confirmPasswordInput.style.borderColor = "red";
23         passwordMatchHint.style.display = "block";
24     } else {
25         passwordInput.style.borderColor = "";
26         confirmPasswordInput.style.borderColor = "";
27         passwordMatchHint.style.display = "none";
28     }
29 }
```

- Password strength must be checked against the following rules. If any rule is not met, disable the submit button.
 - i. Password must have one capital letter.
 - ii. Must have at least one non-alphanumeric symbol (e.g. @,\$,#,&^,~,... etc
 - iii. Must have least 8 characters

password

Password must be at least 8 characters in length

Confirm Password

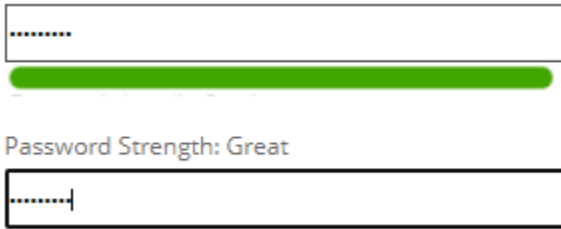
For weak password:

.....

Password Strength: Weak

.....|

For strong password:



Code:

```
function checkPasswordStrength() {
    var password = document.getElementById("passwordInput").value;

    // Check if the password meets all three rules
    var hasCapitalLetter = /[A-Z]/.test(password);
    var hasNonAlphanumericSymbol = /^[^a-zA-Z0-9]/.test(password);
    var hasMinimumLength = password.length >= 8;
}
```

- For stronger enforcement of rule, disable the sign-up button (gray color, unclickable) if the passwords don't match or the input fields are empty. Unlock the button (red color, clickable) when everything is in order.

```
67 //validate form - if any doesn't met - disabled the button and change color
68 function validateForm() {
69     var firstNameInput = document.querySelector('input[placeholder="FirstName"]');
70     var lastNameInput = document.querySelector('input[placeholder="LastName"]');
71     var emailInput = document.getElementById("email");
72     var passwordInput = document.getElementById("passwordInput");
73     var confirmPasswordInput = document.getElementById("confirmPasswordInput");
74     var zipCodeInput = document.querySelector('input[type="number"]');
75     var signUpButton = document.getElementById("signUpButton");
76
77     var isFirstNameValid = firstNameInput.value.trim() !== "";
78     var isLastNameValid = lastNameInput.value.trim() !== "";
79     var isEmailValid = emailInput.value.includes("@gmail");
80     var isPasswordValid =
81         confirmPasswordInput.value === passwordInput.value &&
82         passwordInput.value !== "" &&
83         confirmPasswordInput.value !== "";
84     var isZipCodeValid = zipCodeInput.value.trim() !== "";
```

```

86     if (
87         isFirstNameValid &&
88         isLastNameValid &&
89         isEmailValid &&
90         isPasswordValid &&
91         isZipCodeValid
92     ) {
93         signupButton.disabled = false;
94         signupButton.style.backgroundColor = "#dc0a0a";
95     } else {
96         signupButton.disabled = true;
97         signupButton.style.backgroundColor = "#9c9c9c";
98     }
99 }
100
101 passwordInput.addEventListener("input", validateForm);
102 confirmPasswordInput.addEventListener("input", validateForm);
103

```

Sign in button is disabled because the confirm password rule is not fulfilled.

Passwords do not match

Password Strength: Great

Birthday Optional

Month
▼

Day
▼

Year
▼

Sign up

When everything is in order.

Nazia	Suleman
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nazia.suleman.skipq@gmail.com

.....

Password Strength: Great

.....

54000

Birthday Optional

Month	▼
-------	---

Day	▼
-----	---

Year	▼
------	---

Sign up

Already on Yelp? [Log in](#)