

Lab / Assignment / Project Title

Lab 5 - Creating a Web Form using Angular

- *Date Created:* 01-11-2021 (DD-MM-YYYY)
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Authors

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Getting Started

The maker will be able to use the website from the web browser.

URL for the Website - <https://web.cs.dal.ca/~kprajapati/csci3172/lab5/>

URL for the Code - https://git.cs.dal.ca/kprajapati/I5_prajapati_kanak (Project ID - 37630)

Installing

For the website - The marker can simply go the the above provided URL to check the user interface of the website and use it.

For the Code - The code is available on the gitlab, which is shared through the email invitation as well as the link https://git.cs.dal.ca/kprajapati/I5_prajapati_kanak (Project ID - 37630).

Deployment

The website is deployed and hosted through Timberlea Server.

Built With

- [Angular](#) - Framework

Sources Used

If in completing your lab / assignment / project you used any interpretation of someone else's code, then provide a list of where the code was implement, how it was implemented, why it was implemented, and how it was modified. See the sections below for more details.

File Name - index.html

```
<link
  href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
  rel="stylesheet"
  integrity="sha384-1BmE4kWBq78iYhF1dvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqy12QvZ6jIW3"
  crossorigin="anonymous"
/>

<script
  src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
  integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+I1RH9sENB00LRn5q+8nbTov4+1p"
  crossorigin="anonymous"
></script>
```

The code above was created by adapting the code in [BootStrap](#)

```
<link
  href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
  rel="stylesheet"
  integrity="sha384-1BmE4kWBq78iYhF1dvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
  crossorigin="anonymous"
/>

<script
  src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
  integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENB00Lrn5q+8nbTov4+1p"
  crossorigin="anonymous"
></script>
```

- The code in [BootStrap](#) was implemented by [getbootstrap.com](#).
- [BootStrap](#)'s code was used to implement bootstrap in the website.
- [BootStrap](#)'s script was not modified because the syntax has to match to make bootstrap work.

File Name - app.module.ts

```
import { MatInputModule } from '@angular/material/input';
import { MatSelectModule } from '@angular/material/select';
import { MatButtonModule } from '@angular/material/button';

MatInputModule,
MatSelectModule,
MatButtonModule,
```

The code above was created by adapting the code in [Angular Material](#)

```
import { MatInputModule } from '@angular/material/input';
import { MatSelectModule } from '@angular/material/select';
import { MatButtonModule } from '@angular/material/button';

MatInputModule,
MatSelectModule,
MatButtonModule,
```

- The code in [Angular Material](#) was implemented by [material.angular.com](#) (Angular).
- [Angular Material](#)'s code was used to implement Angular Material Design Componenets in the website.
- [Angular Material](#)'s script was not modified because the syntax has to match to make components work.

File Name - app.components.ts

```
^(?=.*[a-z])(?=.*[A-Z])(?=.*[0-9])(?=.*[ -/:-@[ -` { -~ ]}).{6,64}$
```

The code above was created by adapting the code in [Stackoverflow](#)

```
^(?=.*[a-z])(?=.*[A-Z])(?=.*[0-9])(?=.*[ -/:-@[ -` { -~ ]}).{6,64}$
```

- The code in [Stackoverflow](#) was implemented by [Wiktor Stribizew](#).
- [Stackoverflow](#)'s code was used to implement the pattern for password.
- [Stackoverflow](#)'s script was not modified because the syntax has to match to make password pattern work.

```
get f() { return this.registerForm.controls; }
```

The code above was created by adapting the code in [jasonwatmore.com](#)

```
get Register() {
  return this.registrationForm.controls;
}
```

- The code in [jasonwatmore.com](#) was implemented by Wiktor Stribizew.
- [jasonwatmore.com](#)'s code was used to implement the register method to control the form.
- [jasonwatmore.com](#)'s script was modified by changing the the statements as per needed for the lab. The changes include function name change and property change.

File Name - app.components.ts

```
[a-zA-Z_][a-zA-Z0-9_]*
```

The code above was created by adapting the code in [Stackoverflow](#)

```
[a-zA-Z_][a-zA-Z0-9_]*
```

- The code in [Stackoverflow](#) was implemented by abarnert.
- [Stackoverflow](#)'s code was used to implement the pattern for username.
- [Stackoverflow](#)'s script was not modified because the syntax has to match to make username pattern work.

File Name - styles.scss

The image used for the background is under Unsplash License (Creative Commons License) and its policies can be found below:

[Unsplash](#)

The image design was published on January 13, 2019 and was designed by [Pawel Czerwinski](#)

Acknowledgments

- I would like to acknowledge Professor Gabriella Mosquera for the [template](#), [angular.io](#), [mateial.angular.io](#), [stackoverflow](#), and [jasonwatmore.com](#) because While solving the Angular errors, I have referred to the these websites and templates.