SPRINT-1

TEAM ID	PNT2022TMID04517
Project Title	**Inventory Management System for Retailers**
DATE	**28-10-2022**
MARK	**20 Points**

Functional Requirement:

- Registration page
- Login page
- Signup page
- Warning alerts
- Success alert

CODE:

```
<div class="outer">
<div class="container">
 <div class="row">
     <div class="offset-md-2 col-lg-5 col-md-7 offset-lg-4 offset-md-3">
       <div class="panel border bg-white">
         <div class="panel-heading">
            <h2 class="pt-3 font-weight-bold">Login</h2>
       </div>
       <div class="panel-body pt-3">
         <form [formGroup]="loginForm">
           <div class="form-group pt-3 p-3 ">
             <label style="font-weight: bold;">User Name</label>
             <div class="input-field mt-1"
                [class.error]="loginForm.controls['username'].dirty &&
loginForm.hasError('required','username')">
                   <span class="fa fa-user pt-2"></span>
                   <input formControlName="username" type="text"placeholder="username">
                </div>
              </div>
              <small
                *ngIf="loginForm.controls['username'].dirty &&
loginForm.hasError('required','username')"
                class="text-danger p-3">*username is required</small>
```

```html
            <div class="form-group pt-3 p-3">
                <label style="font-weight: bold;">Password</label>
                <div class="input-field mt-1"
                    [class.error]="loginForm.controls['password'].dirty &&
loginForm.hasError('required','password')">
                    <span class="fa fa-lock pt-2"></span>
                    <input formControlName="password" [type]="type"
placeholder="password">
                    <span (click)="hideShowPass()" class="fa {{eyeIcon}}"></span>
                </div>
            </div>
            <small
                *ngIf="loginForm.controls['password'].dirty &&
loginForm.hasError('required','password')"
                class="text-danger p-3">*password is required</small>
            <div class="form-inline fr p-3 pt-1">
                <a id="forget" class="font-weight-bold">forget password ?</a>
            </div>
            <div class="p-3">
                <button (click)="(onSubmit())" type="submit"
                    class="btn btn-primary btn-block mt-4 w-100">Login</button>
            </div>
            <div class="p-3 pt-0">
                <button routerLink="/signup" type="submit"
                    class="btn btn-primary btn-block mt-4 w-100">Register</button>
            </div>
        </form>
    </div>
    <div class="mx-3 my-2 py-2 bordert">
        <div class="text-center py-3">
            <a href="https://www.facebook.com" target="_blank" class="px-2"><img
                    src="https://upload.wikimedia.org/wikipedia/commons/thumb/0/05/Fa
cebook_Logo_%282019%29.png/768px-Facebook_Logo_%282019%29.png" alt=""></a>
            <a href="https://www.google.com" target="_blank" class="px-2"><img
                    src="https://cdn.imgbin.com/17/10/21/google-suite-icon-google-icon-
LmAAJV07.jpg"
                    alt=""></a>
            <a href="https://www.github.com" target="_blank" class="px-2"><img
                    src="https://logos-world.net/wp-content/uploads/2020/11/GitHub-
Logo.png" alt=""></a>
        </div>
    </div>
    </div>

    </div>
    </div>
    </div>
```

```html
</div>




<div class="outer">
  <div class="container">
    <div class="row">
        <div class="offset-md-2 col-lg-5 col-md-7 offset-lg-4 offset-md-3">
          <div class="panel border bg-white">
            <div class="panel-heading">
                <h2 class="pt-3 font-weight-bold">Create New Account</h2>
            </div>
            <div class="panel-body pt-3 p-3 ">
              <form [formGroup]="signupForm">
                <div class="form-group mt-1 p-3 ">
                    <label style="font-weight: bold;">User Name</label>
                    <div class="input-field">
                      <span class="fa fa-user pt-2"></span>
                      <input
                        [class.error]="signupForm.controls['username'].dirty &&
signupForm.hasError('required','username')"
                        formControlName="username" type="text"placeholder="username">
                    </div>
                </div>
                <div class="form-group mt-1 p-3 pt-0">
                    <label style="font-weight: bold;">Email</label>
                    <div class="input-field">
                      <span class="fa fa-user pt-2"></span>
                      <input
                        [class.error]="signupForm.controls['email'].dirty &&
signupForm.hasError('required','email')"
                        formControlName="email" type="email" placeholder="Email">
                    </div>
                </div>
                <div class="form-group p-3 pt-0">
                    <label style="font-weight: bold;">Password</label>
                    <div class="input-field">
                      <span class="fa fa-lock pt-2"></span>
                      <input
                        [class.error]="signupForm.controls['password'].dirty &&
signupForm.hasError('required','password')"
                        formControlName="password" [type]="type"placeholder="password">
                      <span (click)="hideShowPass()" class="fa {{eyeIcon}}"></span>
                    </div>
```

```html
        </div>

        <div class="p-3">
          <button (click)="(onSubmit())" type="submit"
            class="btn btn-primary btn-block mt-4 w-100">Register</button>
        </div>
        <div class="col-12 text-center">
          <span>Already Have an Account</span>
        </div>
        <div class="p-3 pt-0">
          <button routerLink="/" type="submit"
            class="btn btn-primary btn-block mt-4 w-100">Login</button>
        </div>
      </form>
    </div>
    <!-- <div class="mx-3 my-2 py-2 bordert">
      <div class="text-center py-3">
        <a href="https://www.facebook.com" target="_blank" class="px-2" ><img
src="https://www.google.com/imgres?imgurl=https%3A%2F%2Fupload.wikimedia.org%
2Fwikipedia%2Fcommons%2Fthumb%2F0%2F05%2FFacebook_Logo_%25282019%2529
.png%2F768px-
Facebook_Logo_%25282019%2529.png&imgrefurl=https%3A%2F%2Fen.m.wikipedia.or
g%2Fwiki%2FFile%3AFacebook_Logo_%25282019%2529.png&tbnid=88uK7HVkxanI6M
&vet=12ahUKEwjdmuq2xPb6AhV0SXwKHf3ACLsQMygBegUIARDcAQ..i&docid=_uHtFfQ
JL3HJjM&w=768&h=768&q=facebook%20icon%20png&ved=2ahUKEwjdmuq2xPb6AhV0
SXwKHf3ACLsQMygBegUIARDcAQ" alt=""></a>
        <a href="https://www.google.com" target="_blank" class="px-2" ><img
src="https://www.google.com/imgres?imgurl=https%3A%2F%2Fcdn.imgbin.com%2F17
%2F10%2F21%2Fgoogle-suite-icon-google-icon-
LmAAJV07.jpg&imgrefurl=https%3A%2F%2Fimgbin.com%2Fpng%2FLmAAJV07%2Fgoo gle-
suite-icon-google-icon-png&tbnid=ial2z-
6JPh4u8M&vet=12ahUKEwj3toL9xPb6AhWVumMGHZS-
Dk4QMygDegUIARDHAQ..i&docid=mECpCMCgMOTADM&w=800&h=800&q=google%20i
con%20png&ved=2ahUKEwj3toL9xPb6AhWVumMGHZS-Dk4QMygDegUIARDHAQ"
alt=""></a>
        <a href="https://www.github.com" target="_blank" class="px-2" ><img
src="https://www.google.com/imgres?imgurl=https%3A%2F%2Flogos-world.net%2Fwp-
content%2Fuploads%2F2020%2F11%2FGitHub-
Logo.png&imgrefurl=https%3A%2F%2Flogos-world.net%2Fgithub-
logo%2F&tbnid=8AE_J5pAtu3iiM&vet=12ahUKEwj7iKKMxfb6AhWG_jgGHeuQDhMQMyg
FegUIARDMAQ..i&docid=TXCcjLeV5gKBaM&w=3840&h=2160&q=github%20icon%20pn
g&ved=2ahUKEwj7iKKMxfb6AhWG_jgGHeuQDhMQMygFegUIARDMAQ" alt=""></a>
      </div>
    </div>-->
  </div>

  </div>
</div>
```

```
    </div>
</div>
```

COMMON CSS

```css
.outer {
 height: 100vh;
 background: linear-gradient(to top, #c9c9ff 50%, #6e6ef6 90%) no-repeat;
}
.panel-heading {
 text-align: center;
 margin-bottom: 10px;
}
#forget {
 min-width: 100px;
 margin-left: auto;
 text-decoration: none;
 cursor: pointer;
}
a:hover {
 text-decoration: none;
}
.form-inline label {
 padding-left: 10px;
 margin: 0%; cursor:
 pointer;
}
.btn {
 margin-top: 20px;
 border-radius: 15px;
}
.panel {
 min-height: 380px;
 box-shadow: 20px 20px 80px rgb(218, 218, 218);
 border-radius: 12px;
 margin-top: 100px;
}
.input-field {
 border-radius: 5px;
 padding: 5px; display:
 flex;
 align-items: center;
 cursor: pointer; border:
 1px solid #ddd;color:
 #4343ff;
}
.input-field.error { border:
 1px solid red;color: red;
```

```css
}
input[type="text"],
input[type="email"],
input[type="password"] {
border: none;
  outline: none;
  box-shadow: none;width:
  100%;
}
.fa-eye-slash.btn {
  border: none;
  outline: none;
  box-shadow: none;
}
img {
  width:  40px;
  height: 40px;
  object-fit: cover;
  border-radius: 50%;
  position: relative;
}
.bordert {
  border-top: 1px solid #aaa;
  position: relative;
}
.bordert::after {
  content: "or connect with";
  position: absolute;
  top: -13px;
  left: 40%;
  background-color: #fff;
  padding: 0 8 px;
}
/*--font-family: 'Montserrat', sans-serif;--*/
@import
url("https://fonts.googleapis.com/css2?family=Nunito:wght@200;300;400;600;700;800;9
00&display=swap");
/* @import
url('https://fonts.googleapis.com/css2?family=Montserrat:wght@100;200;300;400;500;6
00;700;800;900&display=swap'); */


/*====================================
//--//--> STYLES GENERALES
====================================*/

body {
  padding: 0;
  margin: 0;
```

```css
  font-family: "Nunito", sans-serif;
  font-size: 14px;
  background: #fff;
}
h1,
h2,
h3,
h4,
h5,
h6 {
  color: #000000;
}

a {
  color: #0276fd; transition:
  all 0.5s ease;
}

a:hover {
  color: #006be7;
  text-decoration: none;
}
.form-control::placeholder {
  /* Chrome, Firefox, Opera, Safari 10.1+ */
  color: #8dacd1;
  opacity: 1; /* Firefox */
  font-size: 14px !important;
}
.form-control:-ms-input-placeholder {
  /* Internet Explorer 10-11 */
  color: #8dacd1;
  font-size: 14px !important;
}
.form-control::-ms-input-placeholder {
  /* Microsoft Edge */color:
  #8dacd1;
  font-size: 14px !important;
}
.form-control select {color:
  #8dacd1;
  font-size: 14px !important;
}
.theme-form select {
  color: #8dacd1 !important;
  font-size: 14px  !important;
}
.theme-form select option {
  color:  #8dacd1 !important;
```

```css
  font-size: 14px !important;
}
.theme-form select option:first-child {color:
 #8dacd1 !important;
 font-size: 14px !important;
}
.btn {
 padding: 0.375rem 0.95rem;
 font-size: 14px !important;
 min-height: 38px;
 font-weight: 500;
}
.btn-sm {
 padding: 0.25rem 0.75rem;
 font-size: 13px !important;
 min-height: 28px;
 font-weight: 500;
}
.lftBdr-radius {
 border-radius: 5px 0 0 5px;
}
.rgtBdr-radius {
 border-radius: 0 5px 5px 0;
}
/*--Text Color--*/
.blue-text {
 color: #006be7 !important;
}
.green-text {
 color: #7cb83b !important;
}
.red-text {
 color: #eb5463 !important;
}
.purple-text {
 color: #8d44ad !important;
}
.orange-text {
 color: #fa9151 !important;
}
.aqua-text {
 color: #45c8e9 !important;
}

/*--BG Color--*/
.blue-bg {
 background-color: #006be7 !important;
}
```

```css
.green-bg {
  background-color: #7cb83b !important;
}
.red-bg {
  background-color: #eb5463 !important;
}
.purple-bg {
  background-color: #8d44ad !important;
}
.orange-bg {
  background-color: #fa9151 !important;
}
.aqua-bg {
  background-color: #45c8e9 !important;
}

.bg-info-light {
  background-color: #e4f6f9 !important;
}
.bg-orange-light {
  background-color: #fff1e8 !important;
}
.bg-red-light {
  background-color: #ffe9eb !important;
}
/*----*/
/*--Login Page--*/
.login-page {
  background: #000;
  padding: 75px 0px;
}
.login-page .card {
  border: 0;
}
.login-page .card-header {
  text-align: center;
  background: #333;
  padding: 15px 0;
}
.login-page .form-group {
  margin-bottom: 1.5rem;
}
.login-page .form-control {
  font-size: 14px;
  padding: 1.25rem 0.75rem;
}
/*----*/
/*--Admin Page--*/
```

```css
/*--HEADER--*/
#my-header .bg-dark {
  background-color: #0276fd !important;
}
#my-header .navbar-brand {
  margin-right: 15px;
  width: 235px;
}
#my-header .navbar {
  padding: 0px;
}
#my-header .nav-item {
  padding: 15px 12px;
}
#my-header .nav-item .nav-link {
  color: #eee !important;  padding:
  10px 0px;
}
#my-header .nav-item .nav-link:hover {color:
  #0276fd !important;
}
.nav-user {
  padding: calc(31px / 2) 20px calc(31px / 2) 57px !important;text-
  align: left !important;
  position: relative;
  background-color: rgb(18, 119, 202);
  border-width: 0 1px;
  min-width: 180px;
}
.nav-user .account-user-avatar {
  position: absolute;
  top: calc(34px / 2);
  left: 15px;
}
.nav-user .account-user-avatar img {
  height: 36px;
  width: 36px;
}
.nav-user .account-user-name {
  display: block;
  font-weight: 500;
  color: #fff;
  font-size: 14px !important;
}
.nav-user .account-position {
  display: block;
  font-size: 11px;
  margin-top: 0px;
```

```css
  color: #fff;
}
.dropdown-menu-right {
 min-width: 180px;
}
.dropdown-menu-right .dropdown-item {
 font-size: 14px;
 padding: 0.35rem 0.75rem;
 font-weight: 500;
 color: #394449;
}
.dropdown-toggle::after {
 display: none;
}
.dropdown-menu-animated {
 -webkit-animation-name: DropDownSlide;
 animation-name: DropDownSlide;
 -webkit-animation-duration: 0.3s;
 animation-duration: 0.3s;
 -webkit-animation-fill-mode: both;
 animation-fill-mode: both; margin:
 0;
 position: absolute;z-
 index: 1000;
}
.dropdown-menu-animated.show {top:
 100% !important;
}
.dropdown-menu-animated i {
 display: inline-block;
 margin-right: 3px;
}
.dropdown-menu-animated.dropdown-menu-right {
 right: 0 !important;
 left: auto !important;
}
.dropdown-menu-animated.dropdown-menu[x-placement^="left"],
.dropdown-menu-animated.dropdown-menu[x-placement^="right"],
.dropdown-menu-animated.dropdown-menu[x-placement^="top"] {top:
 auto !important;
 -webkit-animation: none !important;
 animation: none !important;
}
@-webkit-keyframes DropDownSlide {100%
 {
  -webkit-transform: translateY(0);
  transform: translateY(0);
 }
```

```css
  0% {
    -webkit-transform: translateY(20px);
    transform: translateY(20px);
  }
}
@keyframes DropDownSlide {
  100% {
    -webkit-transform: translateY(0);
    transform: translateY(0);
  }
  0% {
    -webkit-transform: translateY(20px);
    transform: translateY(20px);
  }
}
/*--MAIN-MENU--*/
.main-menu {
  background: #111;
  padding: 10px;
  border-bottom: 1px solid #222;
}
.main-menu .nav-item {
  margin: 8px;
}
.main-menu .nav-link {
  border: 1px solid #007bff;
  color: #007bff;
  text-transform: uppercase;
  font-size: 13px; background:
  #ffffff;
  font-weight: 600;
}
.main-menu .nav-link:hover {
  color: #fff;
  background-color: #007bff;
}
.main-menu .nav-link i {
  font-size: 1.15rem;
  display: block;
  margin: 0 auto 5px auto;
  text-align: center;
}
.green-link {
  border: 1px solid #7cb83b !important;color:
  #7cb83b !important;
}
.green-link.active { color:
  #fff !important;
```

```css
  background-color: #7cb83b !important;
}
.green-link:hover {
 color: #fff !important;
 background-color: #7cb83b !important;
}
.red-link {
 border: 1px solid #eb5463 !important;
 color: #eb5463 !important;
}
.red-link.active { color:
 #fff !important;
 background-color: #eb5463 !important;
}
.red-link:hover { color:
 #fff !important;
 background-color: #eb5463 !important;
}
.purple-link {
 border: 1px solid #8d44ad !important;
 color: #8d44ad !important;
}
.purple-link.active {
 color: #fff !important;
 background-color: #8d44ad !important;
}
.purple-link:hover {
 color: #fff !important;
 background-color: #8d44ad !important;
}
.mint-link {
 border: 1px solid #46ceac !important;color:
 #46ceac !important;
}
.mint-link.active {
 color: #fff !important;
 background-color: #46ceac !important;
}
.mint-link:hover {
 color: #fff !important;
 background-color: #46ceac !important;
}
.orange-link {
 border: 1px solid #fa9151 !important;
 color: #fa9151 !important;
}
.orange-link.active { color:
 #fff !important;
```

```css
  background-color: #fa9151 !important;
}
.orange-link:hover {
 color: #fff !important;
 background-color: #fa9151 !important;
}
.aqua-link {
 border: 1px solid #45c8e9 !important;
 color: #45c8e9 !important;
}
.aqua-link.active {
 color: #fff !important;
 background-color: #45c8e9 !important;
}
.aqua-link:hover {
 color: #fff !important;
 background-color: #45c8e9 !important;
}
.yellow-link {
 border: 1px solid #c29c18 !important;color:
 #c29c18 !important;
}
.yellow-link.active {
 color: #fff !important;
 background-color: #c29c18 !important;
}
.yellow-link:hover {
 color: #fff !important;
 background-color: #c29c18 !important;
}
.pink-link {
 border: 1px solid #f5799c !important;color:
 #f5799c !important;
}
.pink-link.active {
 color: #fff !important;
 background-color: #f5799c !important;
}
.pink-link:hover {
 color: #fff !important;
 background-color: #f5799c !important;
}
/*--MENU-PAGE--*/
/*--Sub Menu--*/
.sub-menu .nav-item {
 margin: 0px 1px;
}
.sub-menu .nav-item .nav-link {
```

```css
  background: #fff;
  border-radius: 5px 5px 0px 0px;
  font-weight: 500;
  padding: 0.65rem 1rem;
}
.sub-menu .nav-item .nav-link:hover {
  background: #0276fd;
  color: #fff;
}
.sub-menu .nav-item .active {
  background: #0276fd; color:
  #fff;
}
.page-header {
  background: #0276fd;
  margin: 0 1px;
  padding: 0;
  border-radius: 0px 5px 0px 0px;
}
.ph-radius {
  border-radius: 5px 5px 0px 0px;
}
.page-header h3 {
  margin:  0;
  color: #fff;
  font-size: 1rem;
  padding: 13px;
}
.page-header .breadcrumb {
  margin-bottom: 0;
  list-style: none;
  background-color: transparent;
  border-radius: 0;
  font-size: 12px;
  padding: 0.9rem;
}
.page-header .breadcrumb .breadcrumb-item a {color: #fff;
}
.page-header .breadcrumb .breadcrumb-item.active {color:
  #fff;
}
.page-header .breadcrumb-item + .breadcrumb-item::before {display:
  inline-block;
  padding-right: 0.5rem;
  color: #fff;
  content: "|";
}
```

```css
.page-action { display:
 -ms-flexbox;display:
 flex;
 -ms-flex-wrap: wrap;
 flex-wrap: wrap;
 margin-bottom: 0;
 list-style: none;
 padding-left: 0;
}
.page-action li {
 border-right: 1px solid #2d92ff;
 border-left: 1px solid #0166d3;
 padding: 0.7rem 0.9rem;
}
.page-action li:last-child {
 border-right: 0;
 border-radius: 0px 5px 0px 0px;
}
.page-action li:hover {
 background: #0073ef;
}
.page-action li a i {
 vertical-align: middle;
 color: #fff;
 font-size: 20px;
}
/*--WRAPPER--*/
.content-wrapper {
 padding: 1.5rem 0 1.5rem 0;
 background: #b2bfdb;
 /* height: calc(100vh - 230px); */
 overflow: hidden;
 margin: 0 1px;
}
.table-striped tbody tr:nth-of-type(odd) {
 background-color: #fcfdff;
}
.table-striped thead {
 background: #dee5f1;
}
.table-striped > tbody td {
 border: 1px solid #dee5f1;
}
.table-striped thead th {
 border-bottom: 2px solid #dee5f1;
}
.table-container {
 margin-bottom: 1rem;
```

```css
  margin-top: 1rem;
  padding: 0;
  /* border: 2px solid #dee5f1; */
  -webkit-border-radius: 3px;
  -moz-border-radius: 3px;
  border-radius: 0;
}
.custom-table {
  border: 1px solid #dee5f1;
  background: #fff;
}
.custom-table thead {
  background: #dee5f1;
}
.custom-table thead th {
  border: 0;
  white-space: nowrap;
  font-size: 13px;
  color: #000;
}
/* .custom-table > tbody tr:hover { background: #eef1f8; } */
.custom-table > tbody tr:nth-of-type(even) {
  background-color: #fcfdff;
}
.custom-table > tbody td {
  border: 1px solid #dee5f1;
  white-space: nowrap;
}
.table th {
  padding: 0.8rem 1rem;
  font-weight: 600;
  text-transform: uppercase;border:
  1px solid #000; background: #fff;
}
.table td {
  border-top: 1px solid #dee5f1;
  vertical-align: middle; padding:
  0.65rem 1rem;
}
.td-notes {
  max-width: 185px;
  overflow: hidden;
  text-overflow: ellipsis;
  white-space: nowrap;
}
#sort-table_length {
  padding-left: 15px;
```

```css
  padding-top: 15px;
  padding-bottom: 15px;
  display: inline-block;
  width: 50%;
}

#sort-table_paginate {
  padding-right: 15px;
  padding-top: 15px;
  padding-bottom: 15px;
  display: inline-block;
  width: 50%;
}
.dataTables_info {
  padding-left: 15px;
  font-weight: 500;
}
.dataTables_paginate {
  padding-right: 15px;
}
.theme-form label {
  margin-bottom: 0.5rem !important;
  font-size: 15px !important;
  font-weight: bolder !important;
  color: #000;
}
.theme-form .form-control {
  background: #fcfdff; padding:
  0.375rem 0.75rem;
  height: calc(1.95em + 0.75rem + 2px);
  border-color: #dbe4f1;
  font-size: 14px !important;
}
.theme-form .form-group {
  margin-bottom: 1.75rem;
}
/*--Theme Modal--*/
.modal-header {
  background: #0276fd;
}
.modal-title {
  color: #fff;
}
.modal-content {
  border: 0;
}
.close {
  float: right;
```
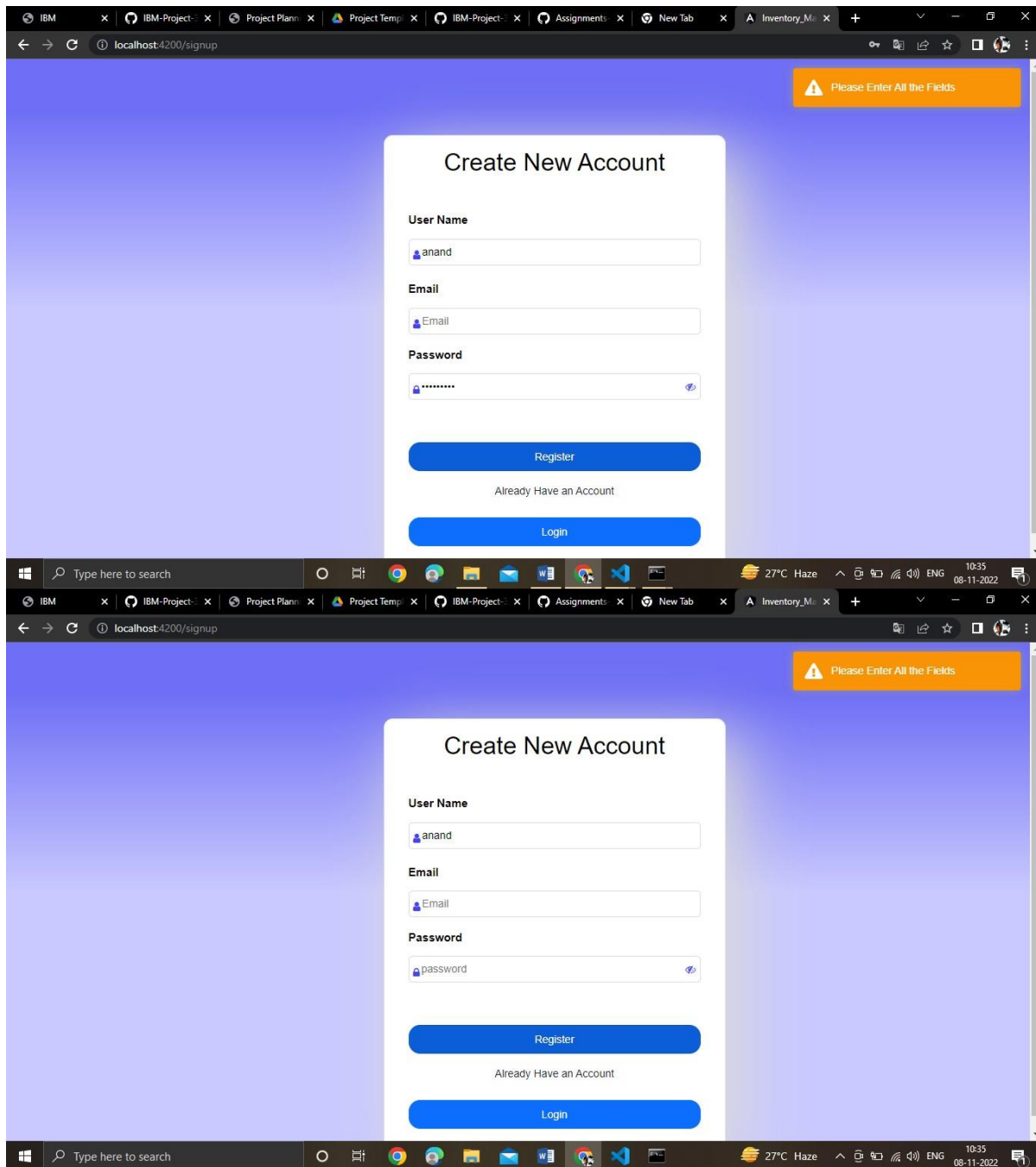
font-size: 1.85rem;
font-weight: 500;
line-height: 1;
color: #fff;
text-shadow: none;
opacity: 0.75;
}

Outputs:

MongoDB (not SQL): Controller

```
const config = require("../config/auth.config");
const db = require("../models");
const User = db.user;
const Role = db.role;

var jwt = require("jsonwebtoken");
var bcrypt = require("bcryptjs");
```

```javascript
exports.signup = (req, res) => {
  const user = new User({
    username: req.body.username,
    email: req.body.email,
    password: bcrypt.hashSync(req.body.password, 8),
  });

  user.save((err, user) => {
    if (err) {
      res.status(500).send({ message: err });
      return;
    }

    if (req.body.roles) {
      Role.find(
        {
          name: { $in: req.body.roles },
        },
        (err, roles) => {
          if (err) {
            res.status(500).send({ message: err });
            return;
          }

          user.roles = roles.map((role) => role._id);
          user.save((err) => {
            if (err) {
              res.status(500).send({ message: err });
              return;
            }

            res.send({ message: "User was registered successfully!" });
          });
        }
      );
    } else {
      Role.findOne({ name: "user" }, (err, role) => {
        if (err) {
          res.status(500).send({ message: err });
          return;
        }

        user.roles = [role._id];
        user.save((err) => {
          if (err) {
            res.status(500).send({ message: err });
            return;
```

```javascript
        }

        res.send({ message: "User was registered successfully!" });
      });
    });
  }
});
};

exports.signin = (req, res) => {
  User.findOne({
    username: req.body.username,
  })
    .populate("roles", "-_v")
    .exec((err, user) => {
      if (err) {
        res.status(500).send({ message: err });
        return;
      }

      if (!user) {
        return res.status(404).send({ message: "User Not found." });
      }

      var passwordIsValid = bcrypt.compareSync(
        req.body.password,
        user.password
      );

      if (!passwordIsValid) {
        return res.status(401).send({ message: "Invalid Password!" });
      }

      var token = jwt.sign({ id: user.id }, config.secret, {
        expiresIn: 86400, // 24 hours
      });

      var authorities = [];

      for (let i = 0; i < user.roles.length; i++) {
        authorities.push("ROLE_" + user.roles[i].name.toUpperCase());
      }

      req.session.token = token;

      res.status(200).send({
        id: user._id,
        username: user.username,
```

```javascript
        email: user.email,
        roles: authorities,
      });
    });
};

exports.signout = async (req, res) => {
  try {
    req.session = null;
    return res.status(200).send({ message: "You've been signed out!" });
  } catch (err) {
    this.next(err);
  }
};
```