



Angular 5 CT Specialization

Angular Material Lab 2

January 2019

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Document Control

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Using material buttons and checkbox

1. Open **app.component.html** & delete the existing code inside it.
2. Add the following markup inside **app.component.html**:

```
<h2 align="center">Angular Material Components</h2>
```

```
<button mat-button>Angular Material Button - Click me!</button>
```

```
<mat-checkbox>Angular Material Checkbox - Check/Uncheck me!</mat-checkbox>
```

Using pre-built themes

3. Open **src/styles.css** file.
4. Add the following import statement:
`@import "@angular/material/prebuilt-themes/indigo-pink.css";`

Adding gesture support using *hammerjs*

5. Run the following command from the command prompt:

```
D:\angular5specialization\angularmaterialapp>npm install --save hammerjs
```

6. Open **src/main.ts** file & add the following import statement:

```
import 'hammerjs';
```

Using material icons

7. Open **src/index.html** & add the following inside the **<head>** element:

```
<link href="https://fonts.googleapis.com/icon?family=Material+Icons"
      rel="stylesheet">
```
8. Open **app.module.ts** & add the following import statement:

```
import {MatIconModule} from '@angular/material';
```
9. Add the following to the **exports** array of the **NgModule** decorator:

```
,MatIconModule
```
10. Open **app.component.html** & add the following markup:

```
<h3>Buttons with a material icon</h3>
<button mat-button>
  <mat-icon>search</mat-icon>
  Perform a search
</button>

<button mat-button>
  Send OTP to registered mobile number
  <mat-icon>phone</mat-icon>
</button>
```

Importing all Angular material modules into the master module

11. Open **material.module.ts** file & add the following import statement:

```
import {MatInputModule} from '@angular/material/input';
import {MatAutocompleteModule} from '@angular/material/autocomplete';
import {MatDatepickerModule} from '@angular/material/datepicker';
import {MatFormFieldModule} from '@angular/material/form-field';
import {MatRadioModule} from '@angular/material/radio';
import {MatSelectModule} from '@angular/material/select';
import {MatSliderModule} from '@angular/material/slider';
import {MatSlideToggleModule} from '@angular/material/slide-toggle';
import {MatMenuModule} from '@angular/material/menu';
import {MatSidenavModule} from '@angular/material/sidenav';
import {MatToolbarModule} from '@angular/material/toolbar';
import {MatListModule} from '@angular/material/list';
import {MatGridListModule} from '@angular/material/grid-list';
import {MatCardModule} from '@angular/material/card';
import {MatStepperModule} from '@angular/material/stepper';
import {MatTabsModule} from '@angular/material/tabs';
import {MatExpansionModule} from '@angular/material/expansion';
import {MatButtonToggleModule} from '@angular/material/button-toggle';
import {MatChipsModule} from '@angular/material/chips';
import {MatProgressSpinnerModule} from '@angular/material/progress-spinner';
import {MatProgressBarModule} from '@angular/material/progress-bar';
import {MatDialogModule} from '@angular/material/dialog';
import {MatTooltipModule} from '@angular/material/tooltip';
import {MatSnackBarModule} from '@angular/material/snack-bar';
import {MatTableModule} from '@angular/material/table';
import {MatSortModule} from '@angular/material/sort';
import {MatPaginatorModule} from '@angular/material/paginator';
```


12. Add the following into the **exports** array of the **NgModule** decorator:

```
MatCheckboxModule,  
MatCheckboxModule,  
MatButtonModule,  
MatInputModule,  
MatAutocompleteModule,  
MatDatepickerModule,  
MatFormFieldModule,  
MatRadioModule,  
MatSelectModule,  
MatSliderModule,  
MatSlideToggleModule,  
MatMenuModule,  
MatSidenavModule,  
MatToolbarModule,  
MatListModule,  
MatGridListModule,  
MatCardModule,  
MatStepperModule,  
MatTabsModule,  
MatExpansionModule,  
MatButtonToggleModule,  
MatChipsModule,  
MatProgressSpinnerModule,  
MatProgressBarModule,  
MatDialogModule,  
MatTooltipModule,  
MatSnackBarModule,  
MatTableModule,  
MatSortModule,  
MatPaginatorModule
```