



# Angular 5 CT Specialization

## Angular Material Lab 16

January 2019

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## Document Control

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Earlier versions	



## Table of Contents

Adding <i>&lt;mat-form-field&gt;</i> inside the dialog box.....	3
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## Adding *<mat-form-field>* inside the dialog box

1. Open **contact-manager.module.ts** file & add the following import statement:  
`import {FormsModule} from '@angular/forms';`
2. Add the following to the **imports** array of the **NgModule** decorator:  
`, FormsModule`
3. Open **add-contact-dialog.component.ts** file & add the following import statement:  
`import {User} from '../models/user';`
4. Add the following inside the **AddContactDialogComponent** class:  
`public user:User = null;  
public avatars:string[] = ['svg-1','svg-2','svg-3','svg-4','svg-5',  
 'svg-6','svg-7','svg-8','svg-9','svg-10'];`
5. Add the following code inside the **ngOnInit()** method:  
`this.user = new User();`
6. Open **add-contact-dialog.component.html** file & change the value of **[mat-dialog-close]** directive of the second **<button>** element inside **<mat-dialog-actions>** element to:  
`user`

7. Delete the existing markup inside **<mat-dialog-content>** element & add the following markup instead:

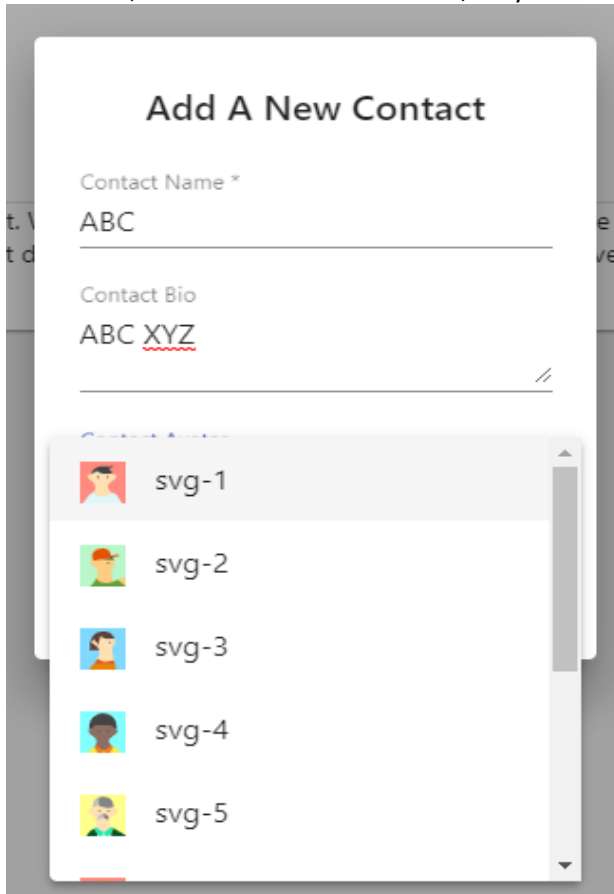
```
<div class="example-container">
  <mat-form-field>
    <input matInput placeholder="Contact Name" required
      [(ngModel)]="user.name">
  </mat-form-field>

  <mat-form-field>
    <textarea matInput placeholder="Contact Bio"
      [(ngModel)]="user.bio"></textarea>
  </mat-form-field>

  <mat-form-field>
    <mat-select placeholder="Contact Avatar"
      [(ngModel)]="user.avatar">
      <mat-select-trigger>
        <mat-icon svgIcon="{{user.avatar}}"></mat-icon>
      </mat-select-trigger>
      <mat-option *ngFor="let avtr of avatars" [value]="avtr">
        <mat-icon svgIcon="{{avtr}}"></mat-icon>{{avtr}}
      </mat-option>
    </mat-select>
  </mat-form-field>
</div>
```

8. Open **side-nav.component.ts** file & modify the code inside the **subscribe()** method as follows:  

```
alert(result.name + ", " + result.avatar + ", " + result.bio);
```
9. The dialog box should appear as follows. Notice that the drop down displays icons and the icon name, & when an icon is selected, only the selected icon is displayed in the drop down.



10. When the **Add Contact** button is clicked, observe that whatever information was entered in the dialog box is returned back & displayed in an alert box.