

Template Driven Form with Validation

app.module.ts

```
import { FormsModule } from '@angular/forms';

imports: [
  BrowserModule,
  AppRoutingModule,
  FormsModule ] // add the FormsModule in import section
```

app.component.html

```
<h5>Angular 10 Template-Driven Form Validation</h5>
<form name="form" (ngSubmit)="f.form.valid && onSubmit()" #f="ngForm">
  <table>
    <tr>
      <td> <label>Title</label> </td>
      <td> <select name="title" [(ngModel)]="model.title" #title="ngModel" required>
        <option value="Mr">Mr</option>
        <option value="Mrs">Mrs</option>
        <option value="Miss">Miss</option>
        <option value="Ms">Ms</option>
      </select>
    </td>
    <td> <div *ngIf="f.submitted && title.invalid">
      <h5 *ngIf="title.errors.required" [ngClass] = "'a'">Title is required</h5>
    </div>
    </td>
```

```

</tr>

<tr>

<td> <label>First Name</label> </td>

<td> <input type="text" name="firstName" [(ngModel)]="model.firstName"
#firstName="ngModel" required pattern = "^[a-zA-Z]{8,15}$"> </td>

<td> <div *ngIf="f.submitted && firstName.invalid" >

<h5 *ngIf="firstName.errors.required">First Name is required</h5>

<h5 *ngIf="firstName.errors.pattern">Name must be a valid</h5>

</div> </td>

</tr>

<tr>

<td><label>Last Name</label></td>

<td><input type="text" name="lastName" [(ngModel)]="model.lastName"
#lastName="ngModel" required> </td>

<td><div *ngIf="f.submitted && lastName.invalid" >

<h5 *ngIf="lastName.errors.required">Last Name is required</h5>

</div> </td>

</tr>

<tr>

<td><label>Mobile Number</label></td>

<td><input type = "text" name = "mobile" [(ngModel)]="model.mobile"
#mobile = "ngModel"required pattern="^[0-9]{10}$"></td>

<td> <h5 *ngIf="f.submitted && mobile.invalid">

<h5 *ngIf="mobile.errors.required">Mobile is required</h5>

<h5 *ngIf="mobile.errors.pattern">Mobile must be a valid</h5>

</h5>

</td>

```

```

</tr>

<tr>

<td> <label>Email</label> </td>

<td> <input type="text" name="email" [(ngModel)]="model.email" #email="ngModel"
required email> </td>

<td> <div *ngIf="f.submitted && email.invalid" >

<h5 *ngIf="email.errors.required">Email is required</h5>

<h5 *ngIf="email.errors.email">Email must be a valid email address</h5>

</div>

</td>

</tr>

<tr>

<td><label>Password</label></td>

<td> <input type="password" name="password" [(ngModel)]="model.password"
#password="ngModel" required minlength="6"></td>

<div *ngIf="f.submitted && password.invalid" >

<h5 *ngIf="password.errors.required">Password is required</h5>

<h5 *ngIf="password.errors.minlength">Password must be at least 6 characters</h5>

</div>

</td>

</tr>

<tr>

<td> <input type="checkbox" name="acceptTerms" id="acceptTerms"
[(ngModel)]="model.acceptTerms" #acceptTerms="ngModel" required></td>

<td> <label for="acceptTerms" >Accept Terms & Conditions</label> </td>

<h5 *ngIf="f.submitted && acceptTerms.invalid" >Accept Ts & Cs is required</h5>

</td>

</tr>

<tr>

<td><button >Register</button></td>

```

```
<td> <button type="reset">Cancel</button> </td>
</tr>
</table>
</form>
```

```
<div>{{f.value | json}}</div>
```

app.component.ts

```
model: any = {};
onSubmit() {
  alert('SUCCESS!! :-)\n\n' + JSON.stringify(this.model));
}
```