

Validando o formulário

Transcrição

```
import { Component, OnInit } from "@angular/core";

import { AuthService } from "../../core/auth/auth.service";
import { FormGroup, FormBuilder } from "@angular/forms";
import { Validators } from "@angular/forms";

@Component({
  selector: 'ap-photo-form',
  templateUrl: './photo-form.component.html',
})
export class PhotoFormComponent implements OnInit {

  photoForm: FormGroup;

  constructor(private formBuilder: FormBuilder) { }

  ngOnInit(): void {

    this.photoForm = this.formBuilder.group({
      file: ['', Validators.required],
      description: ['', Validators.maxLength(300)],
      allowComments: [true]
    });
  }
}

<div class="container">
  <form [formGroup]="photoForm" class="row">
    <div class="col-md-6 text-center">
      <input formControlName="file" type="file" accept="image/*">
      <ap-vmessage
        text="Please, select a photo"
        *ngIf="photoForm.get('file').errors?.required">
      </ap-vmessage>
    </div>

    <div class="col-md-6">
      <div class="form-group">
        <textarea
          formControlName="description"
          class="form-control form-control-sm"
          placeholder="photo description"></textarea>
        <ap-vmessage
          text="Maximun size allowed is 300"
          *ngIf="photoForm.get('description').errors?.maxlength">
        </ap-vmessage>
      </div>
    </div>
  </form>
</div>
```

```

<div class="form-group">
  <label class="text-muted">
    Allow comments
    <input formControlName="allowComments" type="checkbox">
  </label>
</div>

<button
  [disabled]="photoForm.invalid"
  type="submit" class="btn btn-primary btn-block">
  Upload
</button>

  <a class="btn btn-secondary btn-block">Cancel</a>
</div>
</form>
</div>

```

```

import { Component, OnInit } from "@angular/core";

import { AuthService } from "../../core/auth/auth.service";
import { FormGroup, FormBuilder } from "@angular/forms";
import { Validators } from "@angular/forms";

@Component({
  selector: 'ap-photo-form',
  templateUrl: './photo-form.component.html',
})
export class PhotoFormComponent implements OnInit {

  photoForm: FormGroup;
  file: File;

  constructor(
    private formBuilder: FormBuilder,
    private photoService: PhotoService,
    private router: Router
  ) { }

  ngOnInit(): void {

    this.photoForm = this.formBuilder.group({
      file: ['', Validators.required],
      description: ['', Validators.maxLength(300)],
      allowComments: [true]
    });
  }
}

```

```

<div class="container">
  <form [formGroup]="photoForm" class="row" (submit)="upload()">
    <div class="col-md-6 text-center">
      <input
        formControlName="file"
        type="file"

```

```

    accept="image/*"
  <ap-vmessage
    text="Please, select a photo"
    *ngIf="photoForm.get('file').errors?.required">
  </ap-vmessage>
</div>

<div class="col-md-6">
  <div class="form-group">
    <textarea
      formControlName="description"
      class="form-control form-control-sm"
      placeholder="photo description"></textarea>
    <ap-vmessage
      text="Maximun size allowed is 300"
      *ngIf="photoForm.get('description').errors?.maxlength">
    </ap-vmessage>
  </div>

  <div class="form-group">
    <label class="text-muted">
      Allow comments
      <input formControlName="allowComments" type="checkbox">
    </label>
  </div>

  <button
    [disabled]="photoForm.invalid"
    type="submit" class="btn btn-primary btn-block">
    Upload
  </button>

  <a class="btn btn-secondary btn-block">Cancel</a>
</div>
</form>
</div>

```

```

upload() {
  // não vai funcionar como esperado
  dados = this.photoForm.getRawValue();
}

```

```

import { Component, OnInit } from "@angular/core";

import { AuthService } from "../../core/auth/auth.service";
import { FormGroup, FormBuilder } from "@angular/forms";
import { Validators } from "@angular/forms";
import { PhotoService } from "../../photo/photo.service";
import { Router } from "@angular/router";

@Component({
  selector: 'ap-photo-form',
  templateUrl: './photo-form.component.html',
})
export class PhotoFormComponent implements OnInit {

```

```
photoForm: FormGroup;
file: File;
```

```
<div class="container">
  <form [formGroup]="photoForm" class="row" (submit)="upload()">
    <div class="col-md-6 text-center">
      <input
        formControlName="file"
        type="file"
        accept="image/*"
        (change)="file = $event.target.files[0]">
      <ap-vmessage
        text="Please, select a photo"
        *ngIf="photoForm.get('file').errors?.required">
      </ap-vmessage>
    </div>

    upload() {
      const description = this.photoForm.get('description').value;
      const allowComments = this.photoForm.get('allowComments').value;
      console.log(this.file);
    }
  </form>
</div>
```

```
import { HttpClient, HttpParams } from '@angular/common/http';
import { Injectable } from '@angular/core';

import { Photo } from "../photo";

const API = 'http://localhost:3000';

@Injectable({ providedIn: 'root' })
export class PhotoService {

  // código anterior omitido

  upload(description: string, allowComments: boolean, file: File) {
    const formData = new FormData();
    formData.append('description', description);
    formData.append('allowComments', allowComments ? 'true' : 'false');
    formData.append('imageFile', file, 'file.jpg');
    return this.http.post(
      API + '/photos/upload', formData
    );
  }
}
```

