

ionic start

? Use the app creation wizard? No

Pick a framework!

Please select the JavaScript framework to use for your new app. To bypass this prompt next time, supply a value for the `--type` option.

? Framework: Angular

Every great app needs a name!

Please enter the full name of your app. You can change this at any time. To bypass this prompt next time, supply `name`, the first argument to `ionic start`.

? Project name: MeuApp

Let's pick the perfect starter template!

Starter templates are ready-to-go Ionic apps that come packed with everything you need to build your app. To bypass this prompt next time, supply `template`, the second argument to `ionic start`.

? Starter template:

<code>tabs</code>	A starting project with a simple tabbed interface
<code>sidemenu</code>	A starting project with a side menu with navigation in the content area
> <code>blank</code>	A blank starter project
<code>list</code>	A starting project with a list
<code>my-first-app</code>	A template for the "Build Your First App" tutorial

ionic generate page students

ionic generate page add-student

ionic generate page attendance

ionic generate service services/student

Vai gerar esses erros!

```
Windows PowerShell
[ng] | 2.11 kB |
[ng] node_modules_ionic_core_dist_esm_ion-segment-content_entry_js.js | -
[ng] | 1.78 kB |
[ng]
[ng] Build at: 2025-04-30T13:14:10.257Z - Hash: a0d672a1bcb751ba - Time: 23778ms
[ng]
[ng] Error: src/app/add-student/add-student.module.ts:18:18 - error NG6008: Component AddStudentPage is standalone, and
cannot be declared in an NgModule. Did you mean to import it instead?
[ng] 18   declarations: [AddStudentPage]
[ng]
[ng] Error: src/app/attendance/attendance.module.ts:18:18 - error NG6008: Component AttendancePage is standalone, and ca
nnot be declared in an NgModule. Did you mean to import it instead?
[ng] 18   declarations: [AttendancePage]
[ng]
[ng] Error: src/app/students/students.module.ts:18:18 - error NG6008: Component StudentsPage is standalone, and cannot b
e declared in an NgModule. Did you mean to import it instead?
[ng] 18   declarations: [StudentsPage]
[ng]
[ng]
[ng] x Failed to compile.

[INFO] Development server running!

Local: http://localhost:8100

Use Ctrl+C to quit this process

[INFO] Browser window opened to http://localhost:8100!
```

Nos arquivos

students.pag.ts

attendance.page.ts

add-student.page.ts

Inserir a propriedade
standalone: false

```
@Component({  
  selector: 'app-students',  
  templateUrl: './students.page.html',  
  styleUrls: ['./students.page.scss'],  
  standalone: false  
})
```

```
@Component({  
  selector: 'app-attendance',  
  templateUrl: './attendance.page.html',  
  styleUrls: ['./attendance.page.scss'],  
  standalone: false  
})
```

```
@Component({  
  selector: 'app-add-student',  
  templateUrl: './add-student.page.html',  
  styleUrls: ['./add-student.page.scss'],  
  standalone: false  
})
```

TS student.service.ts U X

src > app > services > TS student.service.ts > ...

```
1  import { Injectable, input } from '@angular/core';
2
3
4  @Injectable({
5    providedIn: 'root'
6  })
7  export class StudentService {
8    private students: string[] = [];
9    private attendance: { [date: string]: string[] } = {};
10    // Especificamos que o objeto terá chaves (dates) de string e valores (alunos) de array de string
11
12
13    constructor() { }
14
15
16    getStudents(): string[] {
17      return this.students;
18    }
19
20
21    addStudent(name: string): void {
22      this.students.push(name);
23    }
24
25
26    markAttendance(date: string, student: string): void {
27      if (!this.attendance[date]) {
28        this.attendance[date] = [];
29      }
30      this.attendance[date].push(student);
31    }
32
33    getAttendance(date: string): string[] {
34      return this.attendance[date] || [];
35    }
36  }
```

TS students.page.ts U X

src > app > students > TS students.page.ts > ...

```
1  import { Component, OnInit } from '@angular/core';
2
3  @Component({
4    selector: 'app-students',
5    templateUrl: './students.page.html',
6    styleUrls: ['./students.page.scss'],
7    standalone: false,
8  })
9  export class StudentsPage implements OnInit {
10
11
12    constructor() { }
13
14
15    ngOnInit() {
16    }
17
18
19  }
```

students.page.html U X

src > app > students > students.page.html > ion-header

```
1 <ion-header>
2   <ion-toolbar>
3     <ion-title>Students</ion-title>
4     <ion-buttons slot="end">
5       <ion-button [routerLink]="['/add-student']">Add Student</ion-button>
6     </ion-buttons>
7   </ion-toolbar>
8 </ion-header>
9
10
11 <ion-content>
12   <ion-list>
13     <ion-item *ngFor="let student of students">
14       {{ student }}
15     </ion-item>
16   </ion-list>
17 </ion-content>
18
```


TS add-student.page.ts U X

src > app > add-student > TS add-student.page.ts > ...

```
1  import { Component } from '@angular/core';
2  import { Router } from '@angular/router';
3  import { StudentService } from '../services/student.service';
4
5
6  @Component({
7    selector: 'app-add-student',
8    templateUrl: './add-student.page.html',
9    styleUrls: ['./add-student.page.scss'],
10   standalone: false,
11 })
12 export class AddStudentPage {
13   studentName = '';
14
15
16   constructor(private studentService: StudentService, private router: Router) { }
17
18
19   addStudent() {
20     this.studentService.addStudent(this.studentName);
21     this.router.navigate(['/attendance']);
22   }
23 }
```




add-student.page.html U x

src > app > add-student > add-student.page.html > ion-header

```
1 <ion-header>
2   <ion-toolbar>
3     <ion-title>Add Student</ion-title>
4   </ion-toolbar>
5 </ion-header>
6
7
8 <ion-content>
9   <ion-item>
10     <ion-label position="floating">Student Name</ion-label>
11     <ion-input [(ngModel)]="studentName"></ion-input>
12   </ion-item>
13   <ion-button expand="full" (click)="addStudent()">Add</ion-button>
14 </ion-content>
15
```

TS attendance.page.ts U X

src > app > attendance > TS attendance.page.ts > AttendancePage

```
1  import { Router } from '@angular/router';
2  import { Component } from '@angular/core';
3  import { StudentService } from '../services/student.service';
4  import { DatePipe } from '@angular/common';
5
6  @Component({
7    selector: 'app-attendance',
8    templateUrl: './attendance.page.html',
9    styleUrls: ['./attendance.page.scss'],
10   standalone: false,
11   providers: [DatePipe]
12 })
```

```

13 export class AttendancePage {
14
15     date: string = '';
16
17     presentStudents : String []= [];
18     students: String[] = [];
19     studentName = '';
20
21     constructor(private studentService: StudentService, private router: Router, private datePipe: DatePipe) {
22         this.date = this.getCurrentDateTime();
23     }
24
25     getCurrentDateTime(): any {
26         const currentDate = new Date();
27         return this.datePipe.transform(currentDate, 'dd/MM/yyyy HH:mm');
28         // Formato: dia/mês/ano hora:minuto
29     }
30
31     ionViewWillEnter() {
32         this.students = this.studentService.getStudents();
33         this.presentStudents = this.studentService.getAttendance(this.date);
34     }
35     markAttendance(student: any) {
36         this.studentService.markAttendance(this.date, student);
37         this.presentStudents = this.studentService.getAttendance(this.date);
38     }
39     addStudent() {
40         this.studentService.addStudent(this.studentName);
41         this.router.navigate(['/attendance']);
42     }
43
44     clearInput() {
45         this.studentName = '';
46         // Define o valor da variável para uma string vazia
47     }
48 }

```


src > app > attendance > attendance.page.html > ...

```
1  <ion-header>
2    <ion-toolbar>
3      <ion-title>Attendance</ion-title>
4    </ion-toolbar>
5  </ion-header>
6
7
8  <ion-content>
9    <ion-item>
10     <ion-label position="floating">Date</ion-label>
11     <ion-input [(ngModel)]="date" ></ion-input>
12
13   </ion-item>
14
15
16   <ion-list>
17     <ion-item *ngFor="let student of students">
18       {{ student }}
19       <ion-button slot="end" (click)="markAttendance(student)">Present</ion-button>
20     </ion-item>
21   </ion-list>
22
23
24   <ion-list-header>
25     Present Students
26   </ion-list-header>
27   <ion-item *ngFor="let student of presentStudents">
28     {{ student }}
29   </ion-item>
30   <ion-item>
31     <ion-label position="floating">Add Estudante:</ion-label>
32
33     <ion-input id="inEstudante" [(ngModel)]="studentName" ></ion-input>
34   </ion-item>
35   <ion-button expand="full" (click)="addStudent()"(click)="clearInput()">Add</ion-button>
36 </ion-content>
```

TS home.page.ts M X

src > app > home > TS home.page.ts > ...

```
1  import { Component, OnInit } from '@angular/core';
2  import { Router } from '@angular/router';
3
4
5  @Component({
6    selector: 'app-home',
7    templateUrl: './home.page.html',
8    styleUrls: ['./home.page.scss'],
9    standalone: false,
10 })
11 export class HomePage implements OnInit {
12
13
14   constructor(private router: Router) { }
15
16
17   ngOnInit() {
18     this.router.navigate(['/students']); // Redirecionar para a página de alunos ao iniciar a página inicial
19   }
20
21
22 }
```



```
home.page.html M X
src > app > home > home.page.html > ...
1  <ion-header>
2    <ion-toolbar>
3      <ion-title>
4        Home
5      </ion-title>
6    </ion-toolbar>
7  </ion-header>
8
9
10 <ion-content>
11
12 </ion-content>
```


Students

ADD STUDENT

Add Student

Student Name

Marcos

ADD

Attendance

Date

30/04/2025 10:48

Marcos

PRESENT

Present Students

Add Studante:

ADD

Attendance

Date

30/04/2025 10:48

Marcos

PRESENT

Present Students

Marcos

Add Studante:

ADD

Attendance

Date
30/04/2025 10:48

Marcos PRESENT

Present Students

Marcos

Add Studente:
Maria

ADD

Attendance

Date
30/04/2025 10:48

Marcos PRESENT

Maria PRESENT

Present Students

Marcos

Add Studente:

ADD

Attendance

Date
30/04/2025 10:48

Marcos PRESENT

Maria PRESENT

Present Students

Marcos

Maria

Add Studente:

ADD