App.module.ts

*import* { NgModule } *from* '@angular/core';

*import* { BrowserModule } *from* '@angular/platform-browser';

*import* {MatIconModule} *from* '@angular/material/icon';

*import* { AppComponent } *from* './app.component';

*import* { BrowserAnimationsModule } *from* '@angular/platform-browser/animations';

*import* { TaskTrackerComponent } *from* './task-tracker/task-tracker.component';

*import* {MatButtonModule} *from* '@angular/material/button';

*import* {MatFormFieldModule} *from* '@angular/material/form-field';

*import* {MatInputModule} *from* '@angular/material/input';

*import* {ReactiveFormsModule } *from* '@angular/forms';

*import* {MatGridListModule} *from* '@angular/material/grid-list';

*import* {MatTableModule} *from* '@angular/material/table';

*import* {MatDatepickerModule} *from* '@angular/material/datepicker';

*import* { ServiceWorkerModule } *from* '@angular/service-worker';

*import* { environment } *from* '../environments/environment';

@NgModule({

  declarations: [

    AppComponent,

    TaskTrackerComponent

  ],

  imports: [

    BrowserModule,MatGridListModule,MatTableModule,MatIconModule,

    MatDatepickerModule,

    BrowserAnimationsModule,MatButtonModule,MatFormFieldModule,MatInputModule, ReactiveFormsModule, ServiceWorkerModule.register('ngsw-worker.js', {

  enabled: environment.production,

*// Register the ServiceWorker as soon as the app is stable*

*// or after 30 seconds (whichever comes first).*

  registrationStrategy: 'registerWhenStable:30000'

})

  ],

  providers: [],

  bootstrap: [AppComponent]

})

*export* class AppModule { }

app.component.html

<div style="background: -webkit-linear-gradient(top left, #4CEC2F, #2DCDA7);

background: -moz-linear-gradient(top left, #4CEC2F, #2DCDA7);

background: linear-gradient(to bottom right, #4CEC2F, #2DCDA7);">

  <app-task-tracker>

  </app-task-tracker>

</div>

taskProfile.ts

*export* class TaskProfile{

  constructor(public id:number, public name:string,

    public task:string, public deadline:string){

  }

}

Tasl-tracker.component.html

<div>

  <h1 [ngClass]="'heading'">Task Tracker ✍ </h1>

  <mat-grid-list cols="2" rowHeight aria-rowspan="" style="color: rgb(75, 74, 100);">

    <mat-grid-tile>

      <form [formGroup]="taskInfo" (ngSubmit)="enterTask()">

        <h2><u>To-do Tasks</u></h2>

        <mat-form-field>

          <mat-label>ID: </mat-label>

          <input matInput formControlName="id">

        </mat-form-field><br>

        <mat-form-field>

          <mat-label>Name: </mat-label>

          <input matInput formControlName="name">

        </mat-form-field><br>

        <mat-form-field>

          <mat-label>Task: </mat-label>

          <input matInput formControlName="task">

        </mat-form-field><br>

        <mat-form-field appearance="fill" class="example-full-width">

          <mat-label>Deadline: </mat-label>

          <input matInput formControlName="deadline">

          <mat-datepicker-toggle matSuffix></mat-datepicker-toggle>

        </mat-form-field><br>

        <button type="submit" mat-raised-button

          style="color: blue;background-color: bisque; margin-right: 1in;">Submit</button>

        <button type="reset" mat-raised-button

          style="color: rgb(190, 248, 29);background-color: rgb(107, 106, 104);">Reset</button>

      </form>

    </mat-grid-tile>

    <mat-grid-tile>

*<!-- <table border="1" style="background-color: rgb(68, 68, 68); color: rgb(198, 200, 202);">*

*<ng-container>*

*<th> Emp ID. </th>*

*<td></td>*

*</ng-container>*

*</table> -->*

      <table border="1" style="background-color: rgb(68, 68, 68); color: rgb(198, 200, 202);">

        <h2 style="text-align: end;"><u>To-do List</u></h2><br>

        <tr \*ngIf="f1">

          <th>Emp Id.</th>

          <th>Name</th>

          <th>Task</th>

          <th>Deadline</th>

        </tr>

        <tr \*ngFor="let tdata of tasks">

          <td>{{tdata.id}}</td>

          <td>{{tdata.name}}</td>

          <td>{{tdata.task}}</td>

          <td>{{tdata.deadline}}</td>

        </tr>

      </table>

    </mat-grid-tile>

  </mat-grid-list>

</div>

Task-tracker.component.ts

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

*import* { FormControl, FormGroup, Validators } *from* '@angular/forms';

*// import { FullDetails } from '../fullDetails';*

*import* { TaskProfile } *from* '../taskProfile';

@Component({

  selector: 'app-task-tracker',

  templateUrl: './task-tracker.component.html',

  styleUrls: ['./task-tracker.component.css']

})

*export* class TaskTrackerComponent implements OnInit {

  taskInfo = new FormGroup({

    id: new FormControl(),

    name: new FormControl(),

    task: new FormControl(),

    deadline: new FormControl(),

  });

tasks: Array<TaskProfile> = [];

f1:boolean = false;

  constructor() { }

msg:string = "";

  ngOnInit(): void {

  }

  enterTask(){

    let task1:TaskProfile = new TaskProfile(this.taskInfo.value.id,

      this.taskInfo.value.name,this.taskInfo.value.task,this.taskInfo.value.deadline);

    this.tasks.push(task1);

    this.taskInfo.reset();

    this.f1 = true;

  }

}