<https://github.com/ImtiazVision/2058861_Imtiaz_Ahmed_MEAN_Stack/tree/main/Phase%202/Phase%202%20End%20Project%20Online%20Test%20Application/online-exam-app/src/app>

2058861\_Imtiaz\_Ahmed\_MEAN\_Stack

[2058861\_Imtiaz\_Ahmed\_MEAN\_Stack](https://github.com/ImtiazVision/2058861_Imtiaz_Ahmed_MEAN_Stack)/ Phase 2/Section End Project 1 Shopping Cart Management/ **Phase 2 Section End Project 2 Task Tracker WriteUps.docx**

Created the Phase End project Online Test Application with HTML, Typescript, Angular.

app.component.html

<div>

  <h2 *style*="text-align:center">Online Test Application</h2>

  <app-tdf-exam></app-tdf-exam>

  <hr/>

  <app-mdf-exam></app-mdf-exam>

  <app-button></app-button>

</div>

app.module.ts

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

import { FormsModule, ReactiveFormsModule } from '@angular/forms';

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

import { AppRoutingModule } from './app-routing.module';

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

import { MdfExamComponent } from './mdf-exam/mdf-exam.component';

import { TdfExamComponent } from './tdf-exam/tdf-exam.component';

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

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

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

import { ButtonComponent } from './button/button.component';

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

@NgModule({

  declarations: [

    AppComponent,

    MdfExamComponent,

    TdfExamComponent,

    ButtonComponent,

    MatButtonModule

  ],

  imports: [

    BrowserModule,

    AppRoutingModule,

    ReactiveFormsModule,

    FormsModule,

    BrowserAnimationsModule,

    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 { }

tdf-exam.component.html

<div>

  <h2 *style*="text-align: center">Math Quiz</h2>

  <hr>

  <form *#examRef*="ngForm">

    <div *\*ngFor*="let q of allQuestion">

      <p>How much is {{ q.question }}?</p>

      <input

*type*="radio"

*name*="{{ q.question }}"

*value*="{{ q.ans1 }}"

*ngModel*

      />{{ q.ans1 }}<br />

      <input

*type*="radio"

*name*="{{ q.question }}"

*value*="{{ q.ans2 }}"

*ngModel*

      />{{ q.ans2 }}<br />

      <input

*type*="radio"

*name*="{{ q.question }}"

*value*="{{ q.ans3 }}"

*ngModel*

      />{{ q.ans3 }}<br />

      <input

*type*="radio"

*name*="{{ q.question }}"

*value*="{{ q.ans4 }}"

*ngModel*

      />{{ q.ans4 }}<br />

    </div>

    <input *type*="submit" *value*="submit" />

*<!-- <button mat-button>Submit</button> -->*

  </form>

</div>

Tdf-exam.components.ts

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

@Component({

  selector: 'app-tdf-exam',

  templateUrl: './tdf-exam.component.html',

  styleUrls: ['./tdf-exam.component.css']

})

export class TdfExamComponent *implements* OnInit {

  constructor() { }

  ngOnInit(): void {

  }

  allQuestion=[

    {question:"8+8",ans1:"16",ans2:"15",ans3:"17",ans4:"19",correctAns:"16"},

    {question:"9+9", ans1:"18",ans2:"17",ans3:"19",ans4:"11",correctAns:"18" },

    {question:"1+9", ans1:"18",ans2:"10",ans3:"19",ans4:"11",correctAns:"10" },

    {question:"2+9", ans1:"18",ans2:"11",ans3:"19",ans4:"11",correctAns:"11" },

    {question:"3+9", ans1:"12",ans2:"17",ans3:"19",ans4:"11",correctAns:"12" },

    {question:"4+9", ans1:"18",ans2:"17",ans3:"13",ans4:"11",correctAns:"13" },

    {question:"5+9", ans1:"18",ans2:"17",ans3:"19",ans4:"14",correctAns:"14" },

    {question:"6+9", ans1:"18",ans2:"17",ans3:"19",ans4:"15",correctAns:"15" },

    {question:"7+9", ans1:"18",ans2:"16",ans3:"19",ans4:"11",correctAns:"16" },

    {question:"8+9", ans1:"18",ans2:"17",ans3:"17",ans4:"11",correctAns:"17" }

  ]

}