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IoT A

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Web Tech Lab 4

Simple Angular UI

App.component.html

<app-image-gallery>

</app-image-gallery>

App.module.ts

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

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

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

import { ImageGalleryComponent } from './image-gallery/image-gallery.component'; // Import your component

@NgModule({

declarations: [

AppComponent,

ImageGalleryComponent // Declare your component here

],

imports: [

BrowserModule

],

providers: [],

bootstrap: [AppComponent]

})

export class AppModule { }

image-gallery.component.html

<div class="gallery">

<div class="image-container" \*ngFor="let image of images">

<img [src]="'assets/images/'+image.url" alt="{{ image.alt }}" class="image">

<p>{{ image.description }}</p>

</div>

</div>

Image-gallery.component.ts

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

@Component({

selector: 'app-image-gallery',

templateUrl: './image-gallery.component.html',

styleUrls: ['./image-gallery.component.css']

})

export class ImageGalleryComponent {

images = [

{

url: 'image1.png',

alt: 'Image 1',

description: 'It is 1st image'

},

{

url: 'image2.png',

alt: 'Image 2',

description: 'It is 2nd image'

},

{

url: 'image3.png',

alt: 'Image 3',

description: 'It is 3rd image'

},

{

url: 'image4.png',

alt: 'Image 4',

description: 'It is 4th image'

}

];

}

Image-gallery.component.css

.gallery {

display: flex;

justify-content: space-between;

}

.image-container {

text-align: center;

}

.image {

max-width: 100%;

height: auto;

margin-bottom: 10px;

}

A screenshot of a computer

Description automatically generated

A computer screen shot of a computer

Description automatically generated