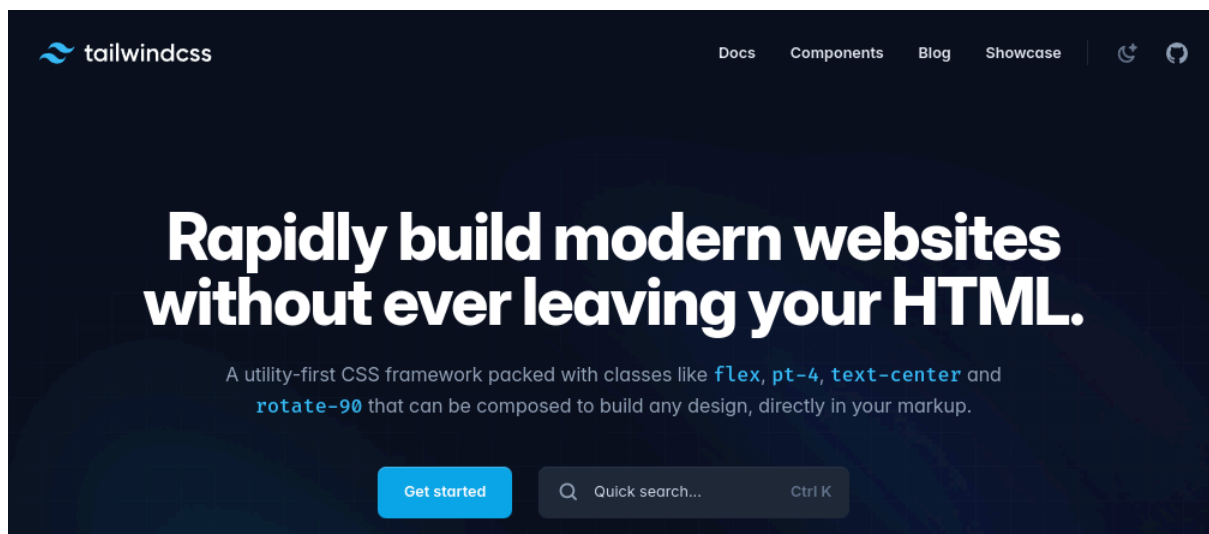


1- ESCOLLIR FRAMEWORK CSS

TAILWIND:

Tailwind és un marc de treball de CSS de codi obert que facilita el desenvolupament d'interfícies d'usuari (UI) per a aplicacions web. Es centra en la construcció de dissenys utilitzant classes predefinides que proporcionen estils preestablerts, la qual cosa permet als desenvolupadors crear interfícies de manera ràpida i eficient. Tailwind es diferencia d'altres marcs de treball de CSS en adoptar un enfocament utilitari, on les classes s'utilitzen per aplicar estils directament en l'HTML, en lloc de crear estils personalitzats en un fitxer separat de CSS. Això proporciona una major flexibilitat i control sobre el disseny de la interfície.



Creem el nou projecte amb **npm**: (tot i que no és aquest, ja que em va donar problemes i al final vaig crer-ne un altre però no tinc les captures)

```
Terminal  Local x + v
alumne@pmonfort:~/prova$ sudo npm create vuetify
[sudo] contrasenya per a alumne:
Need to install the following packages:
create-vuetify@2.2.1
Ok to proceed? (y)

Vuetify.js - Material Component Framework for Vue

✓ Project name: ... vuetify-project
✓ Which preset would you like to install? > Default (Vuetify)
✓ Use TypeScript? > No / Yes
✓ Would you like to install dependencies with yarn, npm, pnpm, or bun? > npm

○ Generating scaffold...
○ Installing dependencies with npm...
```

Fem el npm install per instal·lar les dependències

```
added 80 packages, and audited 81 packages in 11s

18 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities

vuetify-project has been generated at /home/alumne/prova/vuetify-project

Discord community: https://community.vuetifyjs.com
Github: https://github.com/vuetifyjs/vuetify
Support Vuetify: https://github.com/sponsors/johnleider
npm notice
npm notice New minor version of npm available! 10.2.4 -> 10.5.2
npm notice Changelog: https://github.com/npm/cli/releases/tag/v10.5.2
npm notice Run npm install -g npm@10.5.2 to update!
npm notice
alumne@pmonfort:~/prova$
```

I ja podem mostrar la web amb un **npm run dev**

```
alumne@pmonfort:~/prova/vuetify-project$ sudo npm run dev

> vuetify-project@0.0.0 dev
> vite

VITE v5.2.8 ready in 233 ms

→ Local: http://localhost:3000/
→ Network: use --host to expose
→ press h + enter to show help
```

POSEM LES SEGÜENTS LÍNIES AL TERMINAL DINS DEL PROJECTE PER INSTAL·LAR TAILWIND

```
Terminal

> npm install -D tailwindcss
> npx tailwindcss init
```

PARÀMETRES PER VINCULAR EL VUE AMB EL TAILWIND:

```
index.css  JS main.js  JS tailwind.config.js ×

1  /** @type {import('tailwindcss').Config} */
   // Usage
2  export default {
3    content: [
4      "./index.html",
5      "./src/**/*.vue",
6    ],
7    theme: {
8      extend: {},
9    },
10   plugins: [],
11 }
12
13
```

```
index.css ×  JS main.js  JS tailwind.config.js

1  @tailwind base;
2  @tailwind components;
3  @tailwind utilities;
```

APP.VUE

IMPORTEM EL MÒDUL DEL NAVBAR QUE ÉS LA BARRA DE MENÚ DE DALT I EL ROUTER VIEW PER MOURE'NS PER LES PÀGINES:

```
App.vue x
1 <template> Show component usages
2   <Navbar :transparent="isTransparent"></Navbar>
3   <router-view @update-navbar-style="handleNavbarStyle"></router-view>
4 </template>
5
6 <script setup>
7 import { ref } from 'vue';
8 import Navbar from "@components/Navbar.vue";
9
10 const isTransparent = ref( value: false);
11
12 Show usages
13 function handleNavbarStyle({ transparent }) {
14   isTransparent.value = transparent;
15 }
16 </script>
```

NAVBAR.VUE

```
1 <template> Show component usages
2 <div :class="{fixed top-0 left-0 w-full z-10 backdrop-filter backdrop-blur-lg bg-opacity-20 text-black shadow-lg': transparent, 'bg-gradient-to-r from-red-500 to-yellow-500": !transparent}" class="container mx-auto px-4">
3   <button @click="drawer = !drawer" class="md:hidden p-4 focus:outline-none rounded-lg">
4     <svg xmlns="http://www.w3.org/2000/svg" fill="none" viewBox="0 0 24 24" stroke="currentColor" class="w-8 h-8">
5       <path stroke-linecap="round" stroke-linejoin="round" stroke-width="10" d="M4 6h16M4 12h16M4 18h16"></path>
6     </svg>
7   </button>
8
9   <div class="flex justify-between items-center">
10     <div class="hidden md:flex space-x-6">
11       <router-link to="/" class="flex items-center text-lg font-semibold hover:text-red-200 duration-300 ease-in-out">
12         Home
13       </router-link>
14       <router-link to="/about" class="flex items-center text-lg font-semibold hover:text-red-200 duration-300 ease-in-out">
15         Pokedex
16       </router-link>
17     </div>
18   </div>
19
20   <div v-if="drawer" class="md:hidden backdrop-blur-lg backdrop-filter bg-opacity-20 p-4 text-black">
21     <div class="flex justify-between items-center">
22       <router-link to="/" class="block py-2 flex items-center space-x-2 text-lg font-semibold hover:text-red-200 transition-colors duration-300 ease-in-out" @click.native="drawer = false">
23         Home
24       </router-link>
25       <router-link to="/about" class="block py-2 flex items-center space-x-2 text-lg font-semibold hover:text-red-200 transition-colors duration-300 ease-in-out" @click.native="drawer = false">
26         About
27       </router-link>
28     </div>
29   </div>
30 </div>
31 </template>
32
33 <script setup>
34 import { ref } from 'vue';
35 import { useRouter } from 'vue-router';
36
37 const drawer = ref( value: false);
38 const router = useRouter();
39 </script>
```

VIEWS:

LES VIEWS SON COM LES PÀGINES QUE ES MOSTREN EN CADA MOMENT I QUE ESTAN ASSOCIADES A UNA RUTA A TRAVÉS DEL INDEX.JS A ROUTER

```
1 import { createRouter, createWebHistory } from 'vue-router'
2 import HomeView from '../views/HomeView.vue'
3 import aboutdetail from '../views/aboutdetail.vue'
4
5 const router : Router = createRouter({ options: {
6   history: createWebHistory(import.meta.env.BASE_URL),
7   routes: [
8     {
9       path: '/',
10      name: 'home',
11      component: HomeView
12    },
13    {
14      path: '/about',
15      name: 'about',
16
17      component: () : Promise<...> => import('../views/AboutView.vue')
18    },
19    {
20      path: '/about/:id',
21      name: 'aboutdetail',
22      component: () : Promise<...> => import('../views/aboutdetail.vue'),
23      props: true
24    }
25  ]
26 })
```

LA PRIMERA VISTA ÉS LA DEL HOMEVIEW LA PÀGINA D'INICI A L'ARREL "/"

```
index.css JS main.js JS vite.config.js <> index.html V Navbar.vue JS index.js
1 <template> Show component usages
2 <div class="home-page">
3   <div class="background">
4     
5   </div>
6   <div class="content">
7     <h1 class="title">POKEDEX MP09</h1>
8     <p class="subtitle">Feta per Pau Monfort</p>
9   </div>
10 </div>
11 </template>
```

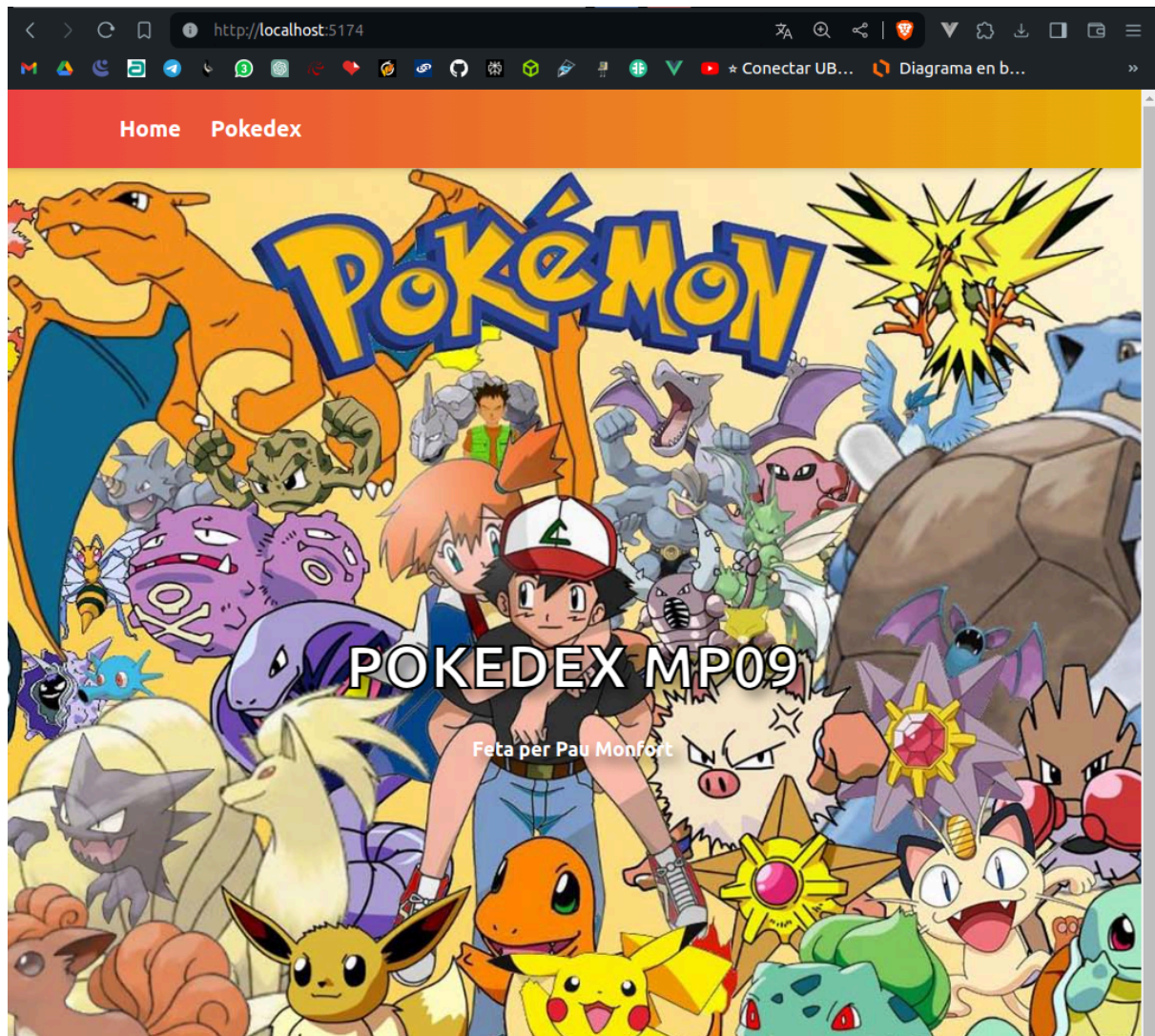
LA SEGONA ES LA ABOUTVIEW QUE CONTÉ EL BUSCADOR:

```
1 <template> Show component usages
2 <div class="min-h-screen bg-gray-100">
3   <div class="py-10">
4     <h1 class="text-3xl font-semibold text-center">Cerca Pokémon (GEN 1)</h1>
5   </div>
6
7   <div class="search-container p-6 mx-auto max-w-7xl">
8     <input type="text" v-model="searchQuery" @input="searchPokemon" placeholder="Cerca Pokémon..." class="w-full px-4 py-2 text-gray-800 placeholder-gray-500" />
9
10    <div class="pokemon-grid mt-6 grid gap-6 grid-cols-2 sm:grid-cols-2 md:grid-cols-3 lg:grid-cols-4 xl:grid-cols-5">
11      <div class="pokemon-card bg-white rounded-lg shadow-md overflow-hidden cursor-pointer" v-for="pokemon in filteredPokemon" :key="pokemon.id" @click="goTo" >
12        <div class="w-full h-56 flex justify-center items-center overflow-hidden">
13          
14        </div>
15        <div class="p-4">
16          <p class="text-lg font-semibold text-gray-800">{{ pokemon.name }}</p>
17        </div>
18      </div>
19    </div>
20  </div>
21 </div>
22 </template>
23
24 <script setup>
25 > import ...
26
27 const searchQuery = ref( value: '' );
28 const allPokemon = ref( value: [] );
29 const router = useRouter();
30
31 const apiUrl = 'https://pokeapi.co/api/v2/pokemon/';
32
33 Show usages
34 const handleResponse = async (response) => {
35   if (!response.ok) {
36     const error = await response.json();
37     throw new Error(error.message);
38   }
39   return response.json();
40 }
```

LA TERCERA VISTA ES EL DETALL DELS ITEMS QUAN CLIQUEM QUE ENS PORTA I DONA MÉS INFORMACIÓ DEL POKEMON:

```
<template> Show component usages
2 <div v-if="pokemon">
3   <div class="relative banner h-60 lg:h-96" :style="{ backgroundImage: `url(${pokemon.sprites.other['official-artwork'].front_default || '/pu
4     <div class="absolute inset-0 bg-black bg-opacity-30"></div>
5     <div class="flex justify-center items-center h-full relative">
6       <div class="bg-black bg-opacity-50 px-4 py-2 rounded">
7         <h1 class="text-white text-2xl lg:text-4xl font-bold">{{ pokemon.name }}</h1>
8       </div>
9     </div>
10  </div>
11
12  <div class="pokemon-detail bg-white shadow-lg max-w-5xl mx-auto mt-8 p-8 rounded-lg">
13    <div class="flex flex-col lg:flex-row gap-4">
14      
15      <div class="flex flex-col p-4 lg:w-3/4">
16        <p class="text-gray-700 text-base leading-relaxed description">{{ pokemon.description }}</p>
17        <p class="text-gray-700 text-base leading-relaxed mt-4">Altura: {{ pokemon.height / 10 }}m | Peso: {{ pokemon.weight / 10 }}kg</p>
18        <p class="text-gray-700 text-base leading-relaxed">Tipo(s): {{ pokemon.types.map(type => type.type.name).join(', ') }}</p>
19        <p class="text-gray-700 text-base leading-relaxed mt-4 font-semibold">Características:</p>
20        <ul class="list-disc pl-4">
21          <li v-for="stat in pokemon.stats" :key="stat.stat.name">{{ stat.stat.name }}: {{ stat.base_stat }}</li>
22        </ul>
23      </div>
24    </div>
25  </div>
26
27  <div class="flex justify-center mt-8">
28    <button @click="closePokemonDetail" class="bg-blue-500 hover:bg-blue-700 text-white font-bold py-2 px-4 rounded mr-4">Tanca</button>
29  </div>
30 </div>
31 </template>
32
33 <script setup>
34 > import ...
35
36
37 const route = useRoute();
38 const router = useRouter();
39 const pokemon = ref({ name: 'Poliwhirl' })
```

PÀGINA PRINCIPAL:




VISTA 2 PÀGINA DOS BUSCADOR:


[Home](#) [Pokedex](#)

Cerca Pokémon (GEN 1)


Cerca Pokémon...




bulbasaur




ivysaur




venusaur



charmander



charmeleon



charizard

ENS MOSTRA SOL ELS QUE COINCIDEIXEN AMB EL TEXT ESCRIT:

[Home](#) [Pokedex](#)


Cerca Pokémon (GEN 1)




pikachu

SI CLIQUEM DINTRE ENS POSA MÉS INFORMACIÓ DEL POKEMON:

[Home](#) [Pokedex](#)





When several of these POKÉMON gather, their electricity could build and cause lightning storms.

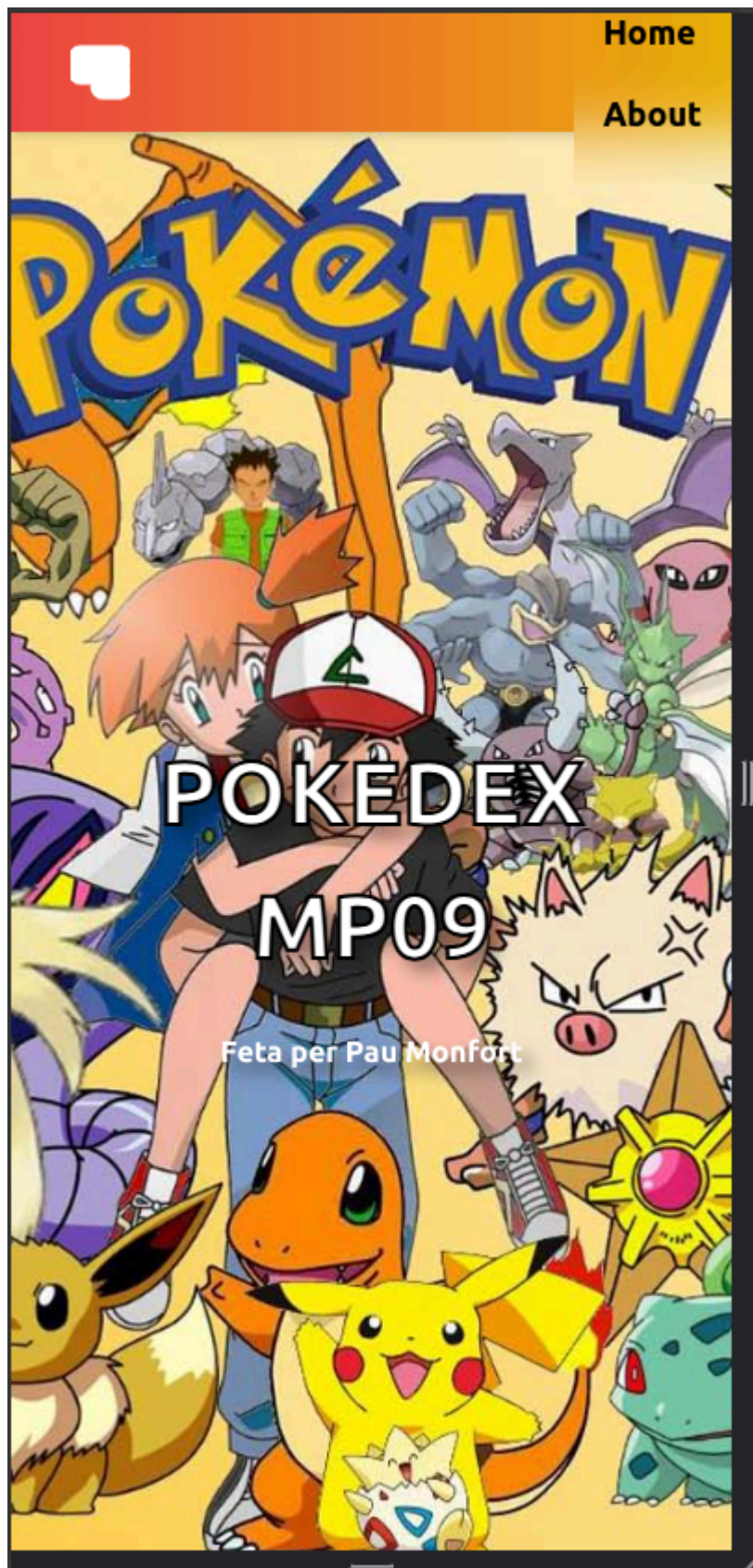
Altura: 0.4m | Peso: 6kg
Tipo(s): electric

Características:

- hp: 35
- attack: 55
- defense: 40
- special-attack: 50
- special-defense: 50
- speed: 90

Tanca

ÉS RESPONSIVE:





Cerca Pokémon (GEN 1)

Cerca Pokémon...



bulbasaur



ivysaur





Cerca Pokémon (GEN 1)



caterpie





caterpie



Its short feet are tipped with suction pads that enable it to tirelessly climb slopes and walls.

Altura: 0.3m | Peso: 2.9kg



Its short feet are tipped with suction pads that enable it to tirelessly climb slopes and walls.

Altura: 0.3m | Peso: 2.9kg

Tipo(s): bug

Características:

- hp: 45
- attack: 30
- defense: 35
- special-attack: 20
- special-defense: 20
- speed: 45

Tanca