PROJECTE VUE

Cicle Formatiu de Grau Superior d'ASIX
Curs: 2N ASIX
MP09 - Implantació d'aplicacions web
**Professor: Jordi Vega Tomas**

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· <u>OBJECTIUS DEL PROJECTE</u>

- **S'ha de crear dos rutes una per a la pàgina principal i l'altra per a la pàgina secundaria.**

- **S'ha utilitzar views i components. Ha de ser responsive.**

- **Pàgina principal tipus landing page i l'altra ha d'incorporar com a mínim un exemple que pot ser un crud, mostrar dades a partir d'una api o algun altre exemple (tipus modals, tree views....)**

- ## <u>CSS FRAMEWORK: PRIMEVUE</u>

  · **Motiu d'ús:** He

  · **Pàgina web oficial:**
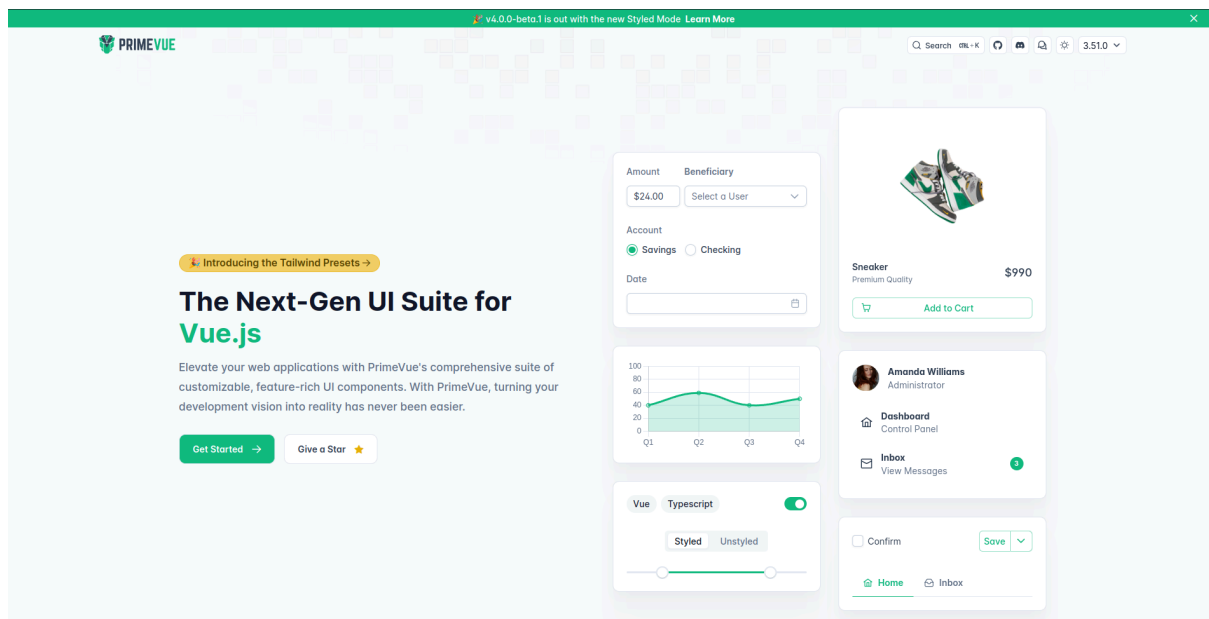
  · **Documentació oficial del Github:**
  LINK: https://github.com/primefaces/primevue

· Procés d'instal·lació Vue.Js:

1. Creació del projecte

```
npm create vue@latest
Need to install the following packages:
create-vue@3.10.3
Ok to proceed? (y)

Vue.js - The Progressive JavaScript Framework

✔ Project name: … inazuma_eleven
✔ Add TypeScript? … No / Yes
✔ Add JSX Support? … No / Yes
✔ Add Vue Router for Single Page Application development? … No / Yes
✔ Add Pinia for state management? … No / Yes
✔ Add Vitest for Unit Testing? … No / Yes
✔ Add an End-to-End Testing Solution? › No
✔ Add ESLint for code quality? … No / Yes
✔ Add Prettier for code formatting? … No / Yes
✔ Add Vue DevTools 7 extension for debugging? (experimental) … No / Yes

Scaffolding project in /home/alumne/inazuma_eleven...

Done. Now run:

  cd inazuma_eleven
  npm install
  npm run format
  npm run dev
```

```
~ (0.059s)
cd inazuma_eleven/
~/inazuma_eleven (45.46s)
npm install

added 150 packages, and audited 151 packages in 45s

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

found 0 vulnerabilities
~/inazuma_eleven (0.37s)
npm run format

> inazuma_eleven@0.0.0 format
> prettier --write src/

src/App.vue 62ms (unchanged)
src/assets/base.css 5ms (unchanged)
src/assets/main.css 2ms (unchanged)
src/components/HelloWorld.vue 11ms (unchanged)
src/components/icons/IconCommunity.vue 2ms (unchanged)
src/components/icons/IconDocumentation.vue 1ms (unchanged)
src/components/icons/IconEcosystem.vue 1ms (unchanged)
src/components/icons/IconSupport.vue 1ms (unchanged)
src/components/icons/IconTooling.vue 2ms (unchanged)
src/components/TheWelcome.vue 9ms (unchanged)
src/components/WelcomeItem.vue 7ms (unchanged)
src/main.js 3ms (unchanged)
src/router/index.js 6ms (unchanged)
src/views/AboutView.vue 2ms (unchanged)
src/views/HomeView.vue 2ms (unchanged)
```

```
~/inazuma_eleven
npm run dev

> inazuma_eleven@0.0.0 dev
> vite


  VITE v5.2.10  ready in 155 ms

  →  Local:    http://localhost:5173/
  →  Network: use --host to expose
  →  press h + enter to show help
```

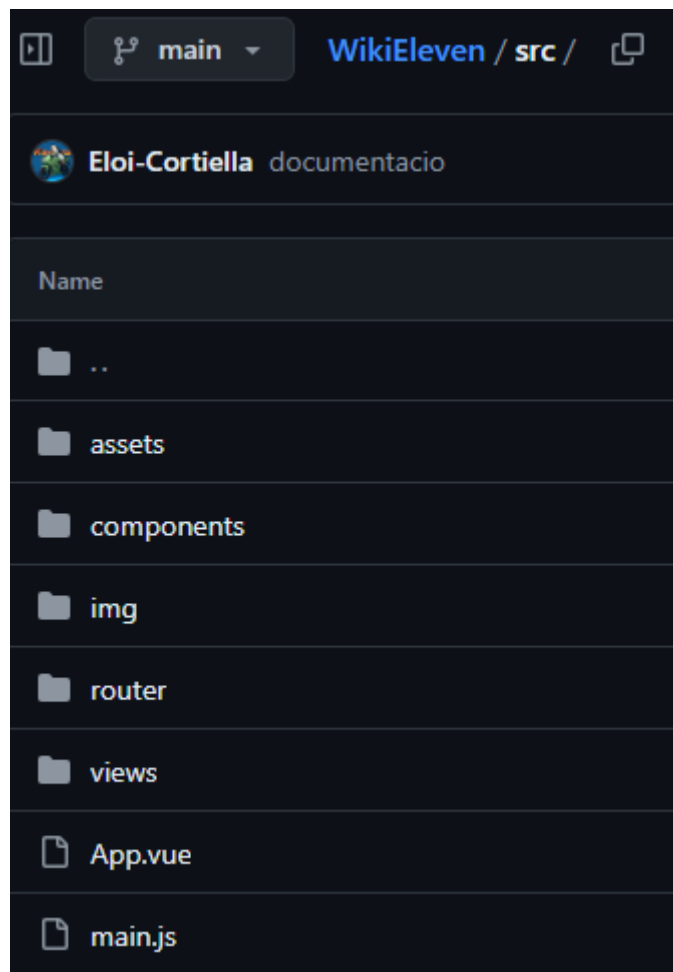## 2. Instal·lar paquet framework PRIMEVUE al projecte VUE:

```
alumne@insebre-com:~/inazuma_eleven$ npm install primevue

added 2 packages, and audited 153 packages in 8s

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

found 0 vulnerabilities
alumne@insebre-com:~/inazuma_eleven$ 
```

- PROCÉS D'ELABORACIÓ DE LA PÀGINA WEB:

1. Estructura del projecte

2. App.vue i main.js

```
1    <script setup>
2    import FooterComp from "@/components/FooterComp.vue"
3    </script>
4
5    <template>
6      <RouterView />
7      <FooterComp />
8
9    </template>
10
11   <style scoped>
12
13   </style>
```

Eloi-Cortiella documentacio

Code   Blame   16 lines (12 loc) · 339 Bytes   Code 55% faster with GitHub

```
1    //IMPORTAR ELS CSS PRINCIPAL
2    import './assets/main.css'
3
4    //IMPORTAR MODULS I ALTRES COSES
5    import PrimeVue from 'primevue/config';
6    import { createApp } from 'vue'
7    import App from './App.vue'
8    import router from './router'
9    import 'primeicons/primeicons.css';
10
11   const app = createApp(App)
12
13   app.use(PrimeVue);
14   app.use(router)
15
16   app.mount('#app')
```

3. Components
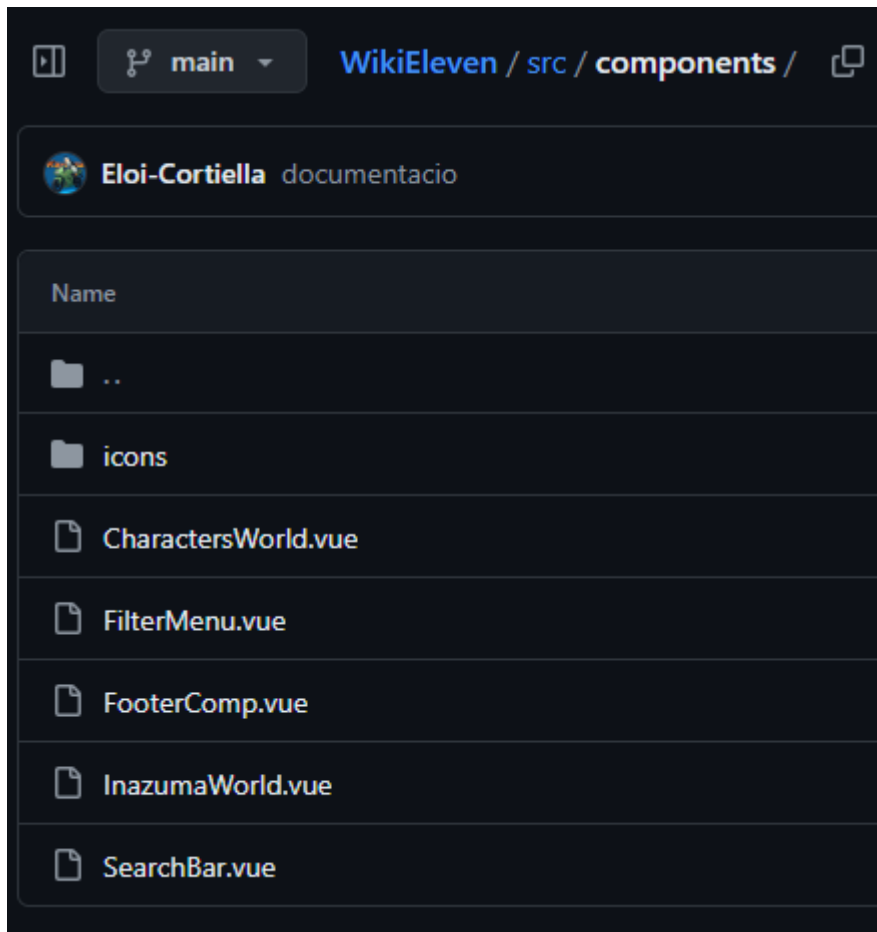
Posar captures de cada component i explicar per damunt

- **CharactersWorld.vue**

```
1   <script setup>
2   import SearchBar from "@/components/SearchBar.vue"
3   </script>
4
5   <template>
6       <header>
7         <div class="header-app">
8           <nav>
9             <img alt="Inazuma logo" src="/src/img/pagina/logo_bate-test_start.png" width="170" height="170" />
10            <ul>
11              <li><a><RouterLink to="/">Inicio</RouterLink></a></li>
12              <li><a><RouterLink to="/characters">Personajes</RouterLink></a></li>
13              <li><a><RouterLink to="/characters">Historia</RouterLink></a></li>
14              <li><a><RouterLink to="/characters">Supertecnicas</RouterLink></a></li>
15            </ul>
16          </nav>
17        </div>
18      </header>
19
20      <body class="characters-body">
21          <main>
22              <div class="characters-div-inici">
23                  <h1>PERSONAJES</h1>
24                  <h3>BUSCA A TUS PERSONAJES FAVORITOS DE LA SAGA!</h3>
25                  <div id="characters-div-content">
26                  <!--UN MENUBAR PER ALS FILTRES (POTSER A UN ALTRE COMPONENT)-->
27                  <!--FILTRES PER AL BUSCADOR (POTSER A UN ALTRE COMPONENT)-->
28                  <!--<FilterMenu />-->
29                      <div class="characters-div-buscador">
30                          <SearchBar />
31                      </div>
32                  </div>
33              </div>
34          </main>
35      </body>
36  </template>
```

- **FilterMenu.vue (No implementat)**
- **FooterComp.vue**

```
1    <template>
2    <footer class="footer">
3        <div class="footer-content">
4            <div class="footer-section">
5                <h2>Wiki Eleven</h2>
6                <p>Tu fuente definitiva para todo lo relacionado con Inazuma Eleven. Encuentra información sobre personajes, episodios,
7                <img alt="Logo Wiki Eleven" src="/src/img/pagina/logo_bate-test_start.png">
8            </div>
9            <div class="footer-section links">
10                <h2>Links informacion</h2>
11                <ul>
12                    <li><a href="/characters">Personajes</a></li>
13                    <li><a href="/episodes">Episodios</a></li>
14                    <li><a href="/teams">Equipos</a></li>
15                    <li><a href="/games">Juegos</a></li>
16                    <li><a href="/contact">Contacto</a></li>
17                </ul>
18            </div>
19            <div class="footer-section social">
20                <h2>Síguenos</h2>
21                <div class="social-links">
22                    <a href="https://twitter.com/inazuma_project"><img src="/src/img/pagina/twitter.png" alt="Twitter"></a>
23                    <a href="https://www.facebook.com/inazumaeleven"><img src="/src/img/pagina/github.png" alt="Github"></a>
24                    <a href="https://www.youtube.com/inazumaeleven"><img src="/src/img/pagina/youtube.png" alt="YouTube"></a>
25                    <a href="https://www.instagram.com/inazumaeleven"><img src="/src/img/pagina/discord.png" alt="Discord"></a>
26                </div>
27            </div>
28        </div>
29        <div class="footer-bottom">
30            &copy; 2024 Inazuma Eleven Wiki | Todos los derechos reservados.
31        </div>
32    </footer>
33
34    </template>
```

- **InazumaWorld.vue**

```
1    <script setup>
2
3    </script>
4
5    <template>
6      <div class="header-app">
7          <video loop autoplay muted plays-inline class="video-background">
8              <source src="/src/img/pagina/backgrounds/victory-road-teaser1.mp4#t=6" type="video/mp4">
9          </video>
10          <div class="header-navigation">
11            <nav>
12              <img alt="Inazuma logo" src="/src/img/pagina/logo_bate-test_start.png" width="170" height="170" />
13              <ul>
14                <li><a><RouterLink to="/">Inicio</RouterLink></a></li>
15                <li><a><RouterLink to="/characters">Personajes</RouterLink></a></li>
16                <li><a><RouterLink to="/characters">Supertecnicas</RouterLink></a></li>
17                <li><a><RouterLink to="/characters">Historia</RouterLink></a></li>
18              </ul>
19            </nav>
20          </div>
21          <div class="contingut">
22            <h1>WIKI ELEVEN</h1>
23            <a href="https://github.com/Eloi-Cortiella/Vueproject">Mas información</a>
24          </div>
25      </div>
26      <div class="contingut-principal">
27        <div class="introduccio">
28          <div class="introduccio-presentacio">
29            <h1>Todo sobre tus personajes favoritos de <strong>Inazuma Eleven</strong></h1>
30            <h2>En tributo al a los 15 años de Inazuma Eleven, he decidido hacer esta Wiki.</h2>
31            <a href="https://github.com/Eloi-Cortiella">Soy este</a>
32          </div>
```

```
33        <div class="introduccio-llista">
34          <h1>TODA LA INFORMACION SOBRE:</h1>
35          <ul>
36            <li><a><RouterLink to="/characters">Información Personajes</RouterLink></a><img alt="Caracteristicas principales" height="3
37            <li><a href="#">Supertecnicas/tácticas (in progress)</a><img alt="Supertecnicas"  height="330px" src="/src/img/pagina/backg
38            <li><a href="#">Historia (in progress)</a><img href="#personajes" alt="Historia" height="330px" src="/src/img/pagina/backgr
39          </ul>
40          <h2>Y mucho más!</h2>
41        </div>
42      </div>
43    </div>
44    <div class="social-media">
45      <img alt="Logo Wiki Eleven" src="/src/img/pagina/logo_bate-test_start.png">
46      <h2>¡Ayúdanos a seguir adelante con este proyecto!</h2>
47      <a href="https://www.inazuma.jp/" class="social-media-link">
48        <img alt="github" src="/src/img/pagina/github.png">
49        Más sobre nuestro proyecto
50      </a>
51      <h2>Sigue nuestras redes sociales</h2>
52      <div class="social-media-nav">
53        <ul>
54          <li>
55            <a href="https://twitter.com/inazuma_project" class="social-media-link">
56              <img alt="twitter x logo" src="/src/img/pagina/twitter.png">
57              Twitter
58            </a>
59          </li>
60          <li>
61            <a href="https://www.inazuma.jp/" class="social-media-link">
62              <img alt="web oficial logo" src="/src/img/pagina/discord.png">
63              Discord
64            </a>
65          </li>
66          <li>
67            <a href="https://www.inazuma.jp/" class="social-media-link">
68              <img alt="web oficial logo" src="/src/img/pagina/youtube.png">
69              YouTube
70            </a>
71          </li>
72        </ul>
73      </div>
74    </div>
```

- **SearchBar.vue**

```
1    <template>
2      <main>
3        <div id="main-buscador">
4          <form>
5            <input name="query" placeholder="Buscar personaje/es..." v-model="searchQuery">
6          </form>
7        </div>
8        <div id="query-results">
9          <h2>LISTA DE JUGADORES</h2>
10         <div class="players-container">
11           <DataView :value="filteredPlayers" paginator :rows="5">
12             <template #list="slotPlayers">
13               <template v-if="slotPlayers.items.length > 0">
14                 <div v-for="(section, index) in chunkPlayers(slotPlayers.items, 2)" :key="index">
15                   <div class="players-section">
16                     <div v-for="(player, playerIndex) in section" :key="playerIndex" class="col-6">
17                       <div class="player-card">
18                         <img :src="player.Sprite" :alt="player.EnglishName" class="player-image">
19                         <div class="player-details">
20                           <div class="player-name">{{ player.EnglishName }}</div>
21                           <div class="player-info">
22                             <img :src="player.Gender" :alt="player.Gender" class="player-gender">
23                             <img :src="player.Position" :alt="player.Position" class="player-position">
24                             <img :src="player.Element" :alt="player.Element" class="player-element">
25                             <!--<div class="japanese-name-div"><strong>Nombre japonés:</strong> {{ player.JapaneseName }}</div>-->
26                             <div class="team-div">
27                               <img :src="player.TeamSprite" :alt="player.TeamSprite" class="player-teamsprite">
28                               <img :src="player.Game" :alt="player.Game" class="player-game">
29                             </div>
30                             <!--<div><strong>Equipo japonés:</strong> {{ player.JapaneseTeam }}</div>-->
31
32                           </div>
33                         </div>
34                       </div>
35                     </div>
36                   </div>
37                 </div>
38               </template>
39             </template>
40           </DataView>
41         </div>
42       </div>
43     </main>
44   </template>
45
```

```
46    <script setup>
47    import { ref, computed } from "vue";
48    import { players } from "@/assets/players";
49    import DataView from "primevue/dataview";
50
51    const searchQuery = ref('');
52
53    const filteredPlayers = computed(() => {
54        if (!searchQuery.value) {
55            return players;
56        }
57        const query = searchQuery.value.toLowerCase();
58        return players.filter(player =>
59            player.EnglishName.toLowerCase().includes(query) ||
60            player.JapaneseName.toLowerCase().includes(query)
61        );
62    });
63
64    const update = (event) => {
65        searchQuery.value = event.target.value;
66        validateInput();
67    }
68
69    const validateInput = () => {
70        if (searchQuery.value.length > 20) {
71            alert('El contenido del campo de búsqueda es demasiado largo.');
72            // Aquí podrías tomar alguna acción adicional, como limpiar el input o mostrar un mensaje de error en la interfaz de usuaric
73        }
74        // Puedes agregar más validaciones según tus necesidades.
75    }
76
77    const chunkPlayers = (arr, size) => {
78        return arr.reduce((acc, _, i) => (i % size === 0 ? acc.push(arr.slice(i, i + size)) : null, acc), []);
79    }
80
81    </script>
```

4. Views

- **CharactersView.vue**

```
Code    Blame                                                          Raw  ⧉ ⬇  ✎ ▾  <>
   1    <script setup>
   2    import CharactersWorld from '../components/CharactersWorld.vue'
   3    </script>
   4
   5    <template>
   6      <body>
   7        <div>
   8          <CharactersWorld />
   9        </div>
  10      </body>
  11    </template>
```

- **InazumaView.vue**

```
Code    Blame                                                          Raw  ⧉ ⬇  ✎ ▾  <>
   1    <script setup>
   2    import InazumaWorld from '../components/InazumaWorld.vue'
   3    </script>
   4
   5    <template>
   6      <body>
   7        <div>
   8          <InazumaWorld />
   9        </div>
  10      </body>
  11    </template>
```

5. Creació de rutes a les pàgines web

```
⊞    ⑂ main ▾      WikiEleven / src / router /  ⧉

    🌐 Eloi-Cortiella  first commit

    Name

    📁 ..

    📄 index.js
```

```
Code   Blame   27 lines (25 loc) · 809 Bytes        Code 55% faster with GitHub Copilot

 1      import { createRouter, createWebHistory } from 'vue-router'
 2      import InazumaView from '../views/InazumaView.vue'
 3      import CharactersView from '../views/CharactersView.vue'
 4
 5      const router = createRouter({
 6        history: createWebHistory(import.meta.env.BASE_URL),
 7        routes: [
 8          {
 9            path: '/',
10            name: 'inazuma',
11            // route level code-splitting
12            // this generates a separate chunk (About.[hash].js) for this route
13            // which is lazy-loaded when the route is visited.
14            component: InazumaView
15          },
16          {
17            path: '/characters',
18            name: 'characters',
19            // route level code-splitting
20            // this generates a separate chunk (About.[hash].js) for this route
21            // which is lazy-loaded when the route is visited.
22            component: CharactersView
23          }
24        ]
25      })
26
27      export default router
```

6. Incorporació de API

Link a la "API": https://github.com/realt0w/team-builder

· Contingut de l'arxiu index.js

main   WikiEleven / src / assets /

Eloi-Cortiella first commit

Name

📁 ..

📄 base.css

📄 coaches.js

📄 logo.svg

📄 main.css

📄 players.js

📄 players.js

```
Code    Blame    43934 lines (43934 loc) · 1.9 MB          Code 55% faster with GitHub Copilot

   1      export const players = [
   2        {
   3              "EnglishName": "Mark Evans",
   4              "JapaneseName": "Endou",
   5              "Gender": "/src/img/base/genders/Male.png",
   6              "Position": "/src/img/base/positions/GK.png",
   7              "Element": "/src/img/base/elements/Earth.png",
   8              "Sprite": "/src/img/base/players/ie1/raimon/MarkEvans.png",
   9              "EnglishTeam": "Raimon",
  10              "JapaneseTeam": "Raimon",
  11              "TeamSprite": "/src/img/base/emblems/ie1/Raimon.png",
  12              "Game": "/src/img/base/logos/0.png"
  13        },
  14        {
  15              "EnglishName": "Jack Wallside",
  16              "JapaneseName": "Kabeyama",
  17              "Gender": "/src/img/base/genders/Male.png",
  18              "Position": "/src/img/base/positions/DF.png",
  19              "Element": "/src/img/base/elements/Earth.png",
  20              "Sprite": "/src/img/base/players/ie1/raimon/Kabeyama.png",
  21              "EnglishTeam": "Raimon",
  22              "JapaneseTeam": "Raimon",
  23              "TeamSprite": "/src/img/base/emblems/ie1/Raimon.png",
  24              "Game": "/src/img/base/logos/0.png"
  25        },
  26        {
```

7. Resultats finals (També estan els vídeos pujats)

7.1 Pàgina Landing Page

7.2 Pàgina buscador dades amb API

7.3 Pàgines Responsive

- WEBGRAFIA:

1. [Prime Vue](#)
   - · https://primevue.org/icons/
   - · https://primevue.org/setup/
2. [Informació API](#)
   - · https://github.com/realt0w/team-builder
   - · https://www.inazuma-eleven.fr/
3. [Altres](#)
   - · https://chatgpt.com/