

src/views/AdminPanel.vue

```
1 <template>
2   <LocationAdmin />
3 </template>
4
5 <script setup>
6 import LocationAdmin from '@/components/LocationAdmin.vue';
7 </script>
8
```

src/App.vue

```
1 <template>
2   <router-view />
3 </template>
4
5 <script setup>
6 // Nenhuma lógica é necessária aqui, pois tudo é controlado via o roteador
7 </script>
8
9 <style scoped>
10 /* Você pode manter isso vazio ou adicionar estilos globais básicos */
11 </style>
12
```

src/components/AppSidebar.vue

```
1 <script setup>
2 import { ref, computed, watch } from 'vue';
3 import LocationItem from './LocationItem.vue';
4
5 const props = defineProps({
6   isOpen: Boolean,
7   allLocais: Array,
8   floors: Array,
9   currentFloorId: String,
10  selectedLocalId: [Number, String, null],
11  loading: Boolean,
12  error: String
13 });
14
15 const emit = defineEmits(['update:currentFloorId', 'select-local', 'close']);
16
17 const searchTerm = ref('');
18
19 // Filtra locais baseado na busca E opcionalmente no andar atual
20 // Decisão: Mostrar sempre locais do andar atual + resultados da busca em outros andares
21 const filteredLocais = computed(() => {
22   const term = searchTerm.value.toLowerCase().trim();
23   if (!term) {
24     // Sem busca, mostra apenas os do andar atual
25     return props.allLocais.filter(local => local.andar === props.currentFloorId);
26   } else {
27     // Com busca, mostra os que batem com a busca (em qualquer andar)
28     return props.allLocais.filter(local =>
29       local.nome.toLowerCase().includes(term)
30     );
31   }
32 });
33
34
```

```
35 const internalCurrentFloor = ref(props.currentFloorId);
36
37 // Observa mudança externa no currentFloorId
38 watch(() => props.currentFloorId, (newVal) => {
39     internalCurrentFloor.value = newVal;
40 });
41
42
43 const changeFloor = () => {
44     //searchTerm.value = '' // Limpa busca ao trocar de andar? Opcional.
45     emit('update:currentFloorId', internalCurrentFloor.value);
46 };
47
48 const handleSelectLocal = (local) => {
49     emit('select-local', local);
50     // Opcional: Fechar sidebar ao selecionar?
51     // emit('close');
52 };
53
54 </script>
55
56 <template>
57     <div class="sidebar" :class="{ 'is-open': isOpen }">
58         <h1>Local</h1>
59
60         <div class="floor-selector">
61             <select v-model="internalCurrentFloor" @change="changeFloor">
62                 <option v-for="floor in floors" :key="floor.id" :value="floor.id">
63                     {{ floor.name }}
64                 </option>
65             </select>
66         </div>
67
68         <input v-model="searchTerm" class="search-box" placeholder="Buscar local..." />
69
70         <div v-if="error" class="error" style="position: static; transform: none; margin-bottom: 10px;">
71             {{ error }}
```

```
72     </div>
73
74     <div v-if="loading && !allLocais.length">Carregando locais...</div>
75
76     <div v-if="!loading && !filteredLocais.length && searchTerm">Nenhum local encontrado para "{{ searchTerm }}".</div>
77
78     <div v-if="!loading && !filteredLocais.length && !searchTerm">Nenhum local neste andar.</div>
79
80
81     <LocationItem v-for="local in filteredLocais" :key="local.id" :local="local"
82         :isSelected="selectedLocalId === local.id" @select="handleSelectLocal" />
83
84     </div>
85 </template>
86
87 <style scoped>
88 /* Estilos específicos da sidebar já estão em main.css */
89 /* Se precisar de algo MUITO específico, adicione aqui
90 .sidebar {
91     /* Herdado de main.css
92 }
93
94 .sidebar.is-open {
95     /* Herdado de main.css
96 }*/
97
98 /* Ajuste para erro dentro da sidebar */
99 .error {
100     position: static;
101     /* Sobrescreve o absoluto do global */
102     transform: none;
103     margin-bottom: 15px;
104     width: auto;
105     /* Garante que não fique gigante */
106     left: auto;
107     top: auto;
108     text-align: left;
```

```
109 |     padding: 10px;  
110 |     /* Menor padding */  
111 | }  
112 | </style>
```

public/index.html

```
1 <!DOCTYPE html>
2 <html lang="pt-BR">
3   <head>
4     <meta charset="UTF-8" />
5     <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6     <title>Mapa Campus Russas</title>
7   </head>
8   <body>
9     <div id="app"></div>
10    <script type="module" src="/src/main.js"></script>
11  </body>
12 </html>
```

src/router/index.js

```
1 import { createRouter, createWebHistory } from 'vue-router';
2 import MapLayout from '@/layouts/MapLayout.vue';
3 import MapHome from '@/views/MapHome.vue';
4 import AdminPanel from '@/views/AdminPanel.vue';
5
6 const routes = [
7   {
8     path: '/',
9     component: MapLayout,
10    children: [
11      {
12        path: '',
13        name: 'MapHome',
14        component: MapHome
15      },
16      {
17        path: 'admin',
18        name: 'AdminPanel',
19        component: AdminPanel
20      }
21    ]
22  }
23];
24
25 const router = createRouter({
26   history: createWebHistory(import.meta.env.BASE_URL),
27   routes
28 });
29
30 export default router;
31
```

jsconfig.json

```
1 | {
2 |   "compilerOptions": {
3 |     "paths": {
4 |       "@/*": [ "./src/*" ]
5 |     }
6 |   },
7 |   "exclude": [ "node_modules", "dist" ]
8 | }
```

src/components/LocationAdmin.vue

```
1 <template>
2   <div class="admin-container">
3     <router-link to="/">Voltar para o Mapa</router-link> <h1>Admin de Locais</h1>
4
5     <div v-if="loading" class="loading">Carregando...</div>
6     <div v-if="error" class="error">{{ error }}</div>
7     <div v-if="successMessage" class="success">{{ successMessage }}</div>
8
9     <button @click="showAddForm" :disabled="loading || showForm" class="btn btn-primary">Adicionar Novo Local</button>
10
11    <div v-if="showForm" class="form-section">
12      <h2>{{ isEditing ? 'Editar Local' : 'Adicionar Local' }}</h2>
13      <form @submit.prevent="handleSubmit">
14        <div class="form-group" v-if="isEditing">
15          <label for="id">ID:</label>
16          <input type="text" id="id" :value="formData.id" disabled>
17        </div>
18        <div class="form-group">
19          <label for="nome">Nome:</label>
20          <input type="text" id="nome" v-model="formData.nome" required>
21        </div>
22        <div class="form-group">
23          <label for="endereco">Endereço/Descrição (para geocodificação):</label>
24          <input type="text" id="endereco" v-model="formData.endereco" required>
25        </div>
26        <div class="form-group">
27          <label for="andar">Andar (ex: terreo, primeiro):</label>
28          <input type="text" id="andar" v-model="formData.andar" required>
29        </div>
30        <div class="form-actions">
31          <button type="submit" :disabled="loading" class="btn btn-success">{{ isEditing ? 'Salvar Alterações' : 'Criar Local' }}</button>
32          <button type="button" @click="cancelForm" :disabled="loading" class="btn btn-secondary">Cancelar</button>
33        </div>
34      </form>
```

```
35    </div>
36
37    <h2>Locais Existentes</h2>
38    <div class="table-container">
39      <table class="locations-table">
40        <thead>
41          <tr>
42            <th>ID</th>
43            <th>Nome</th>
44            <th>Andar</th>
45            <th>Endereço</th>
46            <th>X%</th>
47            <th>Y%</th>
48            <th>Ações</th>
49        </tr>
50      </thead>
51      <tbody>
52        <tr v-if="locations.length === 0 && !loading">
53          <td colspan="7" style="text-align: center;">Nenhum local cadastrado.</td>
54        </tr>
55        <tr v-for="loc in locations" :key="loc.id">
56          <td>{{ loc.id }}</td>
57          <td>{{ loc.nome }}</td>
58          <td>{{ loc.andar }}</td>
59          <td>{{ loc.endereco || 'N/A' }}</td>
60          <td>{{ loc.x?.toFixed(2) }}</td>
61          <td>{{ loc.y?.toFixed(2) }}</td>
62          <td>
63            <button @click="showEditForm(loc)" :disabled="loading || showForm" class="btn btn-warning btn-sm">Editar</button>
64            <button @click="confirmDelete(loc.id)" :disabled="loading || showForm" class="btn btn-danger btn-sm">Excluir</button>
65          </td>
66        </tr>
67      </tbody>
68    </table>
69  </div>
```

```
70    </div>
71  </template>
72
73  <script setup>
74  import { ref, onMounted } from 'vue';
75  import { useRouter } from 'vue-router'; // Para navegação programática se necessário
76
77 // !!! IMPORTANTE: Use a URL /exec da sua implantação FINAL, não a /dev !!!
78 // A URL /dev é para testes, use a URL que termina em /exec para produção.
79 const API_URL = "https://script.google.com/macros/s/AKfycbwibpdB71MCww6TX3HbA0mL8H-ELtUvEcsUbBHGJXE/dev"; // Substitua se
tiver a URL /exec
80
81 const router = useRouter();
82 const locations = ref([]);
83 const loading = ref(false);
84 const error = ref(null);
85 const successMessage = ref(null);
86 const showForm = ref(false);
87 const isEditing = ref(false);
88 const formData = ref({
89   id: null,
90   nome: '',
91   endereco: '',
92   andar: ''
93 });
94
95 // Limpa mensagens após um tempo
96 function clearMessages() {
97   setTimeout(() => {
98     error.value = null;
99     successMessage.value = null;
100   }, 5000); // Limpa após 5 segundos
101 }
102
103 // --- Funções da API ---
104
105 // Função genérica para chamar a API Apps Script via GET com parâmetros
```

```
106  async function callApi(params = {}) {
107    loading.value = true;
108    error.value = null;
109    successMessage.value = null;
110    let url = `${API_URL}?`;
111    const queryParams = [];
112    for (const key in params) {
113      // Só adiciona o parâmetro se ele tiver um valor (útil para update parcial)
114      if (params[key] !== undefined && params[key] !== null && params[key] !== '') {
115        queryParams.push(` ${encodeURIComponent(key)}=${encodeURIComponent(params[key])}`);
116      }
117    }
118    url += queryParams.join('&');
119
120    console.log("Chamando API:", url); // Para depuração
121
122    try {
123      const response = await fetch(url, { method: 'GET', mode: 'cors' }); // GET é o padrão, mas explícito aqui. mode: 'cors' pode ser necessário.
124
125      // Tenta analisar como JSON, mas prepara para texto simples em caso de redirecionamento
126      let result;
127      try {
128        result = await response.json();
129      } catch (jsonError) {
130        // Se falhar ao analisar JSON, pode ser um redirecionamento ou erro HTML
131        console.error("Falha ao analisar JSON:", jsonError);
132        const textResponse = await response.text();
133        throw new Error(`Resposta inesperada da API (não-JSON): Status ${response.status}. Resposta: ${textResponse.substring(0, 100)}...`);
134      }
135
136
137      console.log("Resposta da API:", result); // Para depuração
138
139      if (!response.ok || result.error || result.status === 'error') {
140        const errorMessage = result?.message || result?.error || `Erro HTTP ${response.status}`;
```

```
141     throw new Error(errorMessage);
142 }
143
144 // Retorna os dados para a função de leitura ou a mensagem de sucesso para outras
145 if (params.action === undefined || params.action === 'read') {
146     return result.locais || [];
147 } else {
148     successMessage.value = result.message || 'Operação realizada com sucesso!';
149     clearMessages();
150     return true; // Indica sucesso para operações CRUD
151 }
152
153 } catch (err) {
154     console.error(`Erro na API action=${params.action || 'read'}`, err);
155     error.value = `Falha na operação: ${err.message}`;
156     clearMessages();
157     return params.action === undefined || params.action === 'read' ? [] : false; // Retorna array vazio na leitura, false
no CRUD
158 } finally {
159     loading.value = false;
160 }
161
162
163 async function fetchLocations() {
164     // A API Apps Script precisa retornar a coluna 'endereço' para que ela apareça na tabela/edição
165     const fetchedLocais = await callApi(); // Chama sem parâmetros para 'read'
166     locations.value = fetchedLocais;
167 }
168
169 async function addLocation() {
170     const params = {
171         action: 'create',
172         nome: formData.value.nome,
173         endereço: formData.value.endereço,
174         andar: formData.value.andar
175     };
176     const success = await callApi(params);
```

```
177  if (success) {
178    await fetchLocations(); // Recarrega a lista
179    cancelForm(); // Esconde o formulário
180  }
181}
182
183 async function updateLocation() {
184   const params = {
185     action: 'update',
186     id: formData.value.id,
187     // Envia apenas os campos preenchidos para permitir atualização parcial no Apps Script (se ele suportar)
188     ...(formData.value.nome && { nome: formData.value.nome }),
189     ...(formData.value.endereco && { endereco: formData.value.endereco }),
190     ...(formData.value.andar && { andar: formData.value.andar }),
191   };
192   const success = await callApi(params);
193   if (success) {
194     await fetchLocations(); // Recarrega a lista
195     cancelForm(); // Esconde o formulário
196   }
197 }
198
199 async function deleteLocation(id) {
200   const params = {
201     action: 'delete',
202     id: id
203   };
204   const success = await callApi(params);
205   if (success) {
206     await fetchLocations(); // Recarrega a lista
207   }
208 }
209
210 // --- Funções de UI ---
211
212 function resetForm() {
213   formData.value = { id: null, nome: '', endereco: '', andar: '' };
```

```
214 }
215
216 function showAddForm() {
217     resetForm();
218     isEditing.value = false;
219     showForm.value = true;
220     error.value = null; // Limpa erros ao abrir form
221     successMessage.value = null;
222 }
223
224 function showEditForm(location) {
225     isEditing.value = true;
226     // Preenche o form com os dados do local.
227     // Certifique-se que a API 'read' está retornando 'endereco'
228     formData.value = {
229         id: location.id,
230         nome: location.nome || '',
231         endereco: location.endereco || '', // Necessita que a API retorne 'endereco'
232         andar: location.andar || ''
233     };
234     showForm.value = true;
235     error.value = null;
236     successMessage.value = null;
237 }
238
239 function cancelForm() {
240     showForm.value = false;
241     isEditing.value = false;
242     resetForm(); // Limpa os dados do formulário
243 }
244
245 function handleSubmit() {
246     if (!formData.value.nome || !formData.value.endereco || !formData.value.andar) {
247         error.value = "Por favor, preencha todos os campos obrigatórios.";
248         clearMessages();
249         return;
250     }
```

```
251 if (isEditing.value) {
252     if(!formData.value.id) {
253         error.value = "ID do local ausente para edição.";
254         clearMessages();
255         return;
256     }
257     updateLocation();
258 } else {
259     addLocation();
260 }
261 }
262
263 function confirmDelete(id) {
264     if (window.confirm(`Tem certeza que deseja excluir o local com ID "${id}"? Esta ação não pode ser desfeita.`)) {
265         deleteLocation(id);
266     }
267 }
268
269 // Carrega locais iniciais ao montar o componente
270 onMounted(() => {
271     fetchLocations();
272 });
273
274 </script>
275
276 <style scoped>
277 /* Estilos para o container geral da página admin */
278 .admin-container {
279     padding: 25px;
280     max-width: 900px; /* Limita a largura para melhor leitura */
281     margin: 20px auto; /* Centraliza */
282     font-family: sans-serif;
283     background-color: #fff;
284     border-radius: 8px;
285     box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1);
286 }
287
```

```
288 /* Estilos para links e botões */
289 a {
290   color: #007bff;
291   text-decoration: none;
292   margin-bottom: 15px;
293   display: inline-block;
294 }
295 a:hover {
296   text-decoration: underline;
297 }
298
299 h1, h2 {
300   color: #333;
301   margin-bottom: 15px;
302 }
303
304 .loading, .error, .success {
305   padding: 12px 15px;
306   margin-bottom: 20px;
307   border-radius: 5px;
308   text-align: center;
309   font-size: 0.95em;
310 }
311 .loading { background-color: #eef; color: #333; }
312 .error { background-color: #f8d7da; color: #721c24; border: 1px solid #f5c6cb; }
313 .success { background-color: #d4edda; color: #155724; border: 1px solid #c3e6cb; }
314
315 .btn {
316   padding: 10px 18px;
317   border: none;
318   border-radius: 5px;
319   cursor: pointer;
320   margin: 5px;
321   font-size: 1em;
322   transition: background-color 0.2s ease, box-shadow 0.2s ease;
323   box-shadow: 0 1px 3px rgba(0,0,0,0.1);
324 }
```

```
325 .btn:hover:not(:disabled) {  
326     opacity: 0.9;  
327     box-shadow: 0 2px 5px rgba(0,0,0,0.15);  
328 }  
329 .btn-primary { background-color: #007bff; color: white; }  
330 .btn-success { background-color: #28a745; color: white; }  
331 .btn-warning { background-color: #ffc107; color: #212529; border: 1px solid #d39e00;}  
332 .btn-danger { background-color: #dc3545; color: white; }  
333 .btn-secondary { background-color: #6c757d; color: white; }  
334 .btn-sm { padding: 6px 12px; font-size: 0.85em; }  
335 .btn:disabled { background-color: #e9ecef; color: #6c757d; cursor: not-allowed; box-shadow: none; }  
336  
337  
338 /* Estilos para o formulário */  
339 .form-section {  
340     margin-top: 25px;  
341     margin-bottom: 30px;  
342     padding: 20px;  
343     border: 1px solid #ddd;  
344     border-radius: 8px;  
345     background-color: #fdfdfd;  
346 }  
347 .form-group {  
348     margin-bottom: 15px;  
349 }  
350 .form-group label {  
351     display: block;  
352     margin-bottom: 6px;  
353     font-weight: bold;  
354     color: #555;  
355 }  
356 .form-group input[type="text"],  
357 .form-group select { /* Adicionado select se usar */  
358     width: 100%; /* Full width */  
359     padding: 10px;  
360     border: 1px solid #ccc;  
361     border-radius: 4px;
```

```
362     box-sizing: border-box; /* Include padding in width */
363     font-size: 1em;
364 }
365 .form-group input[disabled] {
366     background-color: #e9ecf;
367     cursor: not-allowed;
368 }
369 .form-actions {
370     margin-top: 20px;
371     text-align: right; /* Alinha botões à direita */
372 }
373
374 /* Estilos para a tabela */
375 .table-container {
376     overflow-x: auto; /* Permite rolagem horizontal em telas pequenas */
377 }
378 .locations-table {
379     width: 100%;
380     margin-top: 25px;
381     border-collapse: collapse;
382     font-size: 0.9em;
383 }
384 .locations-table th,
385 .locations-table td {
386     border: 1px solid #dee2e6;
387     padding: 10px 12px;
388     text-align: left;
389     vertical-align: middle;
390 }
391 .locations-table th {
392     background-color: #f8f9fa;
393     font-weight: bold;
394     color: #495057;
395 }
396 .locations-table tr:nth-child(even) {
397     background-color: #f8f9fa;
398 }
```

```
399 .locations-table tr:hover {  
400     background-color: #e9ecf;  
401 }  
402 .locations-table td button {  
403     margin-right: 5px; /* Espaço entre botões de ação */  
404 }  
405 </style>
```

src/components/LocationItem.vue

```
1 <script setup>
2 import { computed } from 'vue';
3
4 const props = defineProps({
5   local: {
6     type: Object,
7     required: true
8   },
9   isSelected: {
10     type: Boolean,
11     default: false
12   }
13 });
14
15 const emit = defineEmits(['select']);
16
17 const selectThisLocal = () => {
18   emit('select', props.local);
19 };
20
21 const classes = computed(() => ({
22   'local-item': true,
23   'selected': props.isSelected
24 }));
25 </script>
26
27 <template>
28   <div :class="classes" @click="selectThisLocal">
29     <strong>{{ local.nome }}</strong>
30     <span v-if="local.andar !== 'terreo'"> ({{ local.andar === 'primeiro' ? '1º' : local.andar }} Andar)</span>
31   </div>
32 </template>
33
34 <style scoped>
```

```
35 /* Estilos específicos para local-item já estão em main.css
36 .local-item {
37 }
38 }
39 .local-item.selected {
40 }
41 }*/
42 span {
43     font-size: 0.8em;
44     color: #666;
45 }
46 .local-item.selected span {
47     color: white; /* Ajusta cor do andar quando selecionado */
48 }
49
50 </style>
```

src/services/LocationService.js

```
1 // Dados dos locais (simulando uma API)
2 const locaisData = [
3     { id: 1, nome: "Extensão Centro", x: 28, y: 60, andar: "terreo" },
4     { id: 2, nome: "Bloco A Didático/Administrativo", x: 44, y: 46, andar: "terreo" },
5     { id: 3, nome: "Bloco B Laboratórios/Administrativo", x: 49, y: 46, andar: "terreo" },
6     { id: 4, nome: "Galpão de laboratórios", x: 49, y: 29, andar: "terreo" },
7     { id: 5, nome: "Bloco C", x: 45, y: 49, andar: "primeiro" }, // Exemplo 1º andar
8     { id: 6, nome: "Bloco D", x: 49, y: 49, andar: "primeiro" }, // Exemplo 1º andar
9     { id: 7, nome: "Restaurante Universitário (RU)", x: 60, y: 66, andar: "terreo" },
10    { id: 8, nome: "Prefeitura do Campus", x: 37, y: 48, andar: "terreo" },
11    { id: 9, nome: "Parque Tecnológico", x: 72, y: 82, andar: "terreo" },
12    // Adicione outros locais conforme necessário
13];
14
15 // Dados dos waypoints (simulando uma API)
16 const campusWaypointsData = [
17     { id: "w1", x: 40, y: 60, connections: ["w2", "w3"], andar: "terreo" }, // Entrada principal
18     { id: "w2", x: 42, y: 52, connections: ["w1", "w4", "w5", "e1"], andar: "terreo" }, // Bifurcação principal (Adicionada conexão com escada e1)
19     { id: "w3", x: 28, y: 60, connections: ["w1"], andar: "terreo" }, // Extensão Centro
20     { id: "w4", x: 37, y: 48, connections: ["w2", "w6"], andar: "terreo" }, // Prefeitura do Campus
21     { id: "w5", x: 44, y: 46, connections: ["w2", "w7"], andar: "terreo" }, // Bloco A
22     { id: "w6", x: 37, y: 42, connections: ["w4", "w7"], andar: "terreo" }, // Corredor oeste
23     { id: "w7", x: 49, y: 46, connections: ["w5", "w6", "w8", "w9"], andar: "terreo" }, // Bloco B
24     { id: "w8", x: 49, y: 29, connections: ["w7"], andar: "terreo" }, // Galpão de laboratórios
25     { id: "w9", x: 54, y: 52, connections: ["w7", "w10"], andar: "terreo" }, // Corredor leste
26     { id: "w10", x: 60, y: 66, connections: ["w9", "w11"], andar: "terreo" }, // Restaurante Universitário (ajustado w11)
27     { id: "w11", x: 72, y: 82, connections: ["w10"], andar: "terreo" }, // Parque Tecnológico
28
29 // Waypoints do primeiro andar
30     { id: "w101", x: 45, y: 49, connections: ["w102", "w103"], andar: "primeiro" }, // Bloco C
31     { id: "w102", x: 49, y: 49, connections: ["w101"], andar: "primeiro" }, // Bloco D
32     { id: "w103", x: 45, y: 55, connections: ["w101", "e1"], andar: "primeiro" }, // Escada (Adicionada conexão com escada e1)
33 ];
```

```

34 // Conexões entre andares (exemplo de escada)
35 // 'conectaAndar' aponta para o ID do waypoint no *outro* andar
36 // A conexão normal em 'connections' é para o waypoint *neste* andar que leva à escada
37 { id: "e1", x: 45, y: 55, connections: ["w2"], andar: "terreo", conectaAndar: "w103" }, // Escada no térreo, conectada a
  w2, leva para w103 (1º andar)
38 // Nota: O waypoint w103 no primeiro andar também se conecta a 'e1' implicitamente pela regra de conexão entre andares.
39 // Ou pode-se adicionar explicitamente em w103: connections: ["w101", "e1"], andar: "primeiro", conectaAndar: "e1" (do
  terreo) - depende da implementação do algoritmo
40 ];
41
42 // Dados dos Andares
43 const floorsData = [
44 {
45   id: "terreo",
46   name: "Térreo",
47   // Substitua pela URL real ou importe a imagem se estiver local
48   image: "https://mmkbapkywiapbirvfuez.supabase.co/storage/v1/object/sign/imagem/campusRussas.jpg?
token=eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCIsImtpZCI6InN0b3JhZ2UtdXJsLXNpZ25pbmcta2V5X2JjYWQz0GJILTA1ZjEtNDBh-
NC1hNGQxLTNiN2VlYWM1ZWI5YyJ9 eyJlcwmiOijpbWF nZW0vY2FtcHVzUnVzc2FzLmpwZyIsImlhdCI6MTc0NDYyNzY5MiwiZXhwIjoxNzQ1MjMyN
DkyfQ.hNC_m0h1cEJ9Kw63Zpq-tvCn5yXweB-hxkdAHCOn7q0",
49 },
50 {
51   id: "primeiro",
52   name: "1º Andar",
53   // Substitua pela URL real ou importe a imagem se estiver local
54   image: "https://mmkbapkywiapbirvfuez.supabase.co/storage/v1/object/sign/imagem/campusRussas.jpg?
token=eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCIsImtpZCI6InN0b3JhZ2UtdXJsLXNpZ25pbmcta2V5X2JjYWQz0GJILTA1ZjEtNDBh-
NC1hNGQxLTNiN2VlYWM1ZWI5YyJ9 eyJlcwmiOijpbWF nZW0vY2FtcHVzUnVzc2FzLmpwZyIsImlhdCI6MTc0NDYyNzY5MiwiZXhwIjoxNzQ1MjMyN
DkyfQ.hNC_m0h1cEJ9Kw63Zpq-tvCn5yXweB-hxkdAHCOn7q0", // Usando a mesma imagem como exemplo
55 },
56 ];
57
58 /**
59 * Busca os dados dos locais.
60 * @returns {Promise<Array>} Uma promessa que resolve com a lista de locais.
61 */
62
63 export const fetchLocais = async () => {

```

```
64 // Simula um delay de API
65 await new Promise(resolve => setTimeout(resolve, 50));
66 console.log("Locais carregados:", locaisData);
67 return locaisData;
68 };
69
70 /**
71 * Retorna os dados dos waypoints.
72 * @returns {Array} A lista de waypoints.
73 */
74 export const getWaypoints = () => {
75   console.log("Waypoints carregados:", campusWaypointsData);
76   return campusWaypointsData;
77 };
78
79 /**
80 * Retorna os dados dos andares.
81 * @returns {Array} A lista de andares.
82 */
83 export const getFloors = () => {
84   return floorsData;
85 }
```

src/assets/styles/main.css

```
1 /* Variáveis Globais (opcional, mas recomendado para fácil manutenção) */
2 :root {
3   --sidebar-width: 300px;
4   --sidebar-bg-color: #f8f9fa;
5   --primary-accent-color: #007bff; /* Azul usado no item selecionado */
6   --secondary-accent-color: #4CAF50;
7   --button-bg-color: #f0f0f0;
8   --button-hover-bg-color: #e0e0e0;
9   --border-color: #ccc;
10  --marker-red: red;
11  --marker-blue: blue;
12  --path-color: #6FA1EC; /* Cor do caminho */
13  --text-color: #333;
14  --error-color: red;
15  --error-bg-color: #ffebee;
16  --transition-speed: 0.3s;
17 }
18 /* Reset Básico e Estilos Globais */
19 body {
20   margin: 0;
21   padding: 0;
22   font-family: Arial, sans-serif;
23   overflow-x: hidden; /* Evita barra de rolagem horizontal geral */
24   color: var(--text-color);
25 }
26 /* Contêiner Principal da Aplicação */
27 .app-container {
28   position: relative; /* Necessário para posicionamento absoluto da sidebar e botão */
29   width: 100vw;
30   height: 100vh;
31   display: flex; /* Mantém flexibilidade, mas a sidebar será absoluta */
32   overflow: hidden; /* Impede que o conteúdo interno cause barras de rolagem */
33 }
34 /* Botão para Abrir/Fechar Sidebar */
```

```
35 .menu-toggle-button {
36   position: absolute; /* Ou 'fixed' se quiser que fique visível ao rolar o mapa */
37   top: 15px;
38   left: 15px;
39   z-index: 1001; /* Acima de tudo */
40   background-color: var(--button-bg-color);
41   color: var(--text-color);
42   border: 1px solid var(--border-color);
43   border-radius: 4px;
44   padding: 8px 12px;
45   font-size: 1.5em; /* Tamanho do ícone/texto */
46   cursor: pointer;
47   box-shadow: 0 2px 5px rgba(0, 0, 0, 0.2);
48   transition: background-color 0.2s ease;
49 }
50 .menu-toggle-button:hover {
51   background-color: var(--button-hover-bg-color);
52 }
53 /* Sidebar (Menu Lateral) */
54 .sidebar {
55   position: absolute; /* Sobrepõe o mapa */
56   top: 0;
57   left: 0;
58   height: 100vh;
59   width: var(--sidebar-width);
60   background-color: var(--sidebar-bg-color);
61   padding: 20px;
62   box-shadow: 2px 0 5px rgba(0, 0, 0, 0.1);
63   transform: translateX(-100%); /* Escondido fora da tela à esquerda */
64   transition: transform var(--transition-speed) ease-in-out;
65   z-index: 1000; /* Abaixo do botão toggle, acima do mapa */
66   display: flex;
67   flex-direction: column;
68   overflow-y: auto; /* Permite rolagem interna se necessário */
69   box-sizing: border-box; /* Garante que padding não aumente a largura total */
70 }
71 .sidebar.is-open {
```

```
72  transform: translateX(0); /* Move para a posição visível */
73 }
74 /* Conteúdo da Sidebar */
75 .sidebar h1 {
76   font-size: 1.5rem;
77   margin-top: 40px; /* Espaço para o botão de toggle não sobrepor o título */
78   margin-bottom: 20px;
79 }
80 .sidebar .floor-selector {
81   margin-bottom: 15px;
82 }
83 .sidebar .floor-selector select {
84   width: 100%;
85   padding: 8px;
86   border-radius: 5px;
87   border: 1px solid var(--border-color);
88   box-sizing: border-box;
89 }
90 .sidebar .search-box {
91   width: 100%; /* Ocupa toda a largura disponível no padding */
92   padding: 10px;
93   margin-bottom: 20px;
94   border: 1px solid var(--border-color);
95   border-radius: 5px;
96   box-sizing: border-box;
97 }
98 .sidebar .local-item {
99   padding: 10px;
100  margin-bottom: 10px;
101  background-color: white
102  border: 1px solid #eee; /* Borda sutil */
103  border-radius: 5px;
104  cursor: pointer;
105  transition: background-color 0.2s ease, color 0.2s ease;
106  box-shadow: 0 1px 3px rgba(0,0,0,0.05); /* Sombra mais suave */
107 }
108 .sidebar .local-item:hover {
```

```
109 background-color: □ #e9ecef;
110 }
111 .sidebar .local-item.selected {
112   background-color: var(--primary-accent-color);
113   color: □ white
114   font-weight: bold;
115   border-color: var(--primary-accent-color);
116 }
117 /* Contêiner do Mapa */
118 .map-container {
119   flex-grow: 1; /* Ocupa o espaço restante */
120   position: relative; /* Para posicionar elementos internos */
121   width: 100%; /* Garante que ocupe toda a largura disponível */
122   height: 100vh; /* Ocupa toda a altura */
123   overflow: hidden; /* Essencial para o pan/zoom funcionar corretamente */
124   background-color: □ #e0e0e0; /* Cor de fundo enquanto a imagem carrega ou se não cobrir tudo */
125 }
126 /* Imagem do Mapa */
127 .map-image {
128   width: 100%;
129   height: 100%;
130   background-size: contain; /* Ou 'cover' dependendo do efeito desejado */
131   background-repeat: no-repeat;
132   background-position: center center;
133   position: absolute; /* Permite que o transform funcione corretamente */
134   top: 0;
135   left: 0;
136   transform-origin: center center; /* Ponto de referência para zoom/pan */
137   cursor: grab; /* Indica que pode ser arrastado */
138   /* A propriedade 'transform' (scale, translate) será aplicada via JS */
139 }
140 .map-image:active {
141   cursor: grabbing; /* Indica que está sendo arrastado */
142 }
143 /* Marcadores no Mapa */
144 .location-marker,
145 .user-marker {
```

```
146 position: absolute;
147 width: 15px; /* Tamanho unificado */
148 height: 15px;
149 border-radius: 50%;
150 border: 2px solid white;
151 transform: translate(-50%, -50%); /* Centraliza no ponto exato */
152 box-shadow: 0 0 5px rgba(0, 0, 0, 0.5);
153 z-index: 20; /* Acima do caminho, abaixo do popup */
154 }
155 .location-marker {
156 background-color: var(--marker-red);
157 cursor: pointer;
158 }
159 .user-marker {
160 background-color: var(--marker-blue);
161 z-index: 21; /* ligeiramente acima do marcador de local, se necessário */
162 }
163 /* Linha do Caminho/Rota */
164 .path-line {
165 position: absolute;
166 height: 4px; /* Espessura da linha */
167 background-color: var(--path-color);
168 transform-origin: 0 50%; /* Origem para rotação/comprimento */
169 z-index: 10; /* Abaixo dos marcadores */
170 pointer-events: none; /* Linha não deve ser clicável */
171 }
172 /* Opcional: Indicador de direção (se desejar) */
173 /*
174 .path-line::after {
175 content: '';
176 position: absolute;
177 width: 0;
178 height: 0;
179 right: 0;
180 top: 50%;
181 transform: translate(0, -50%);
182 border-top: 4px solid transparent;
```

```
183 border-bottom: 4px solid transparent;
184 border-left: 6px solid var(--path-color);
185 }
186 */
187 /* Popup de Informação do Marcador */
188 .location-popup {
189 position: absolute;
190 background-color: rgba(0, 0, 0, 0.75); /* Fundo semi-transparente */
191 color: white
192 padding: 5px 10px;
193 border-radius: 4px;
194 font-size: 0.9em;
195 white-space: nowrap; /* Impede quebra de linha */
196 transform: translate(-50%, -130%); /* Posiciona um pouco acima do marcador */
197 z-index: 30; /* Acima dos marcadores */
198 pointer-events: none; /* Popup não interfere com cliques no mapa/marcador */
199 box-shadow: 0 2px 4px rgba(0,0,0,0.2);
200 }
201 /* Controles do Mapa (Zoom, etc.) */
202 .controls {
203 position: absolute;
204 bottom: 20px;
205 right: 20px;
206 z-index: 50; /* Acima do mapa e elementos, mas abaixo da sidebar/botão */
207 display: flex;
208 flex-direction: column;
209 gap: 5px; /* Espaçamento entre botões */
210 background: rgba(255, 255, 255, 0.8); /* Fundo levemente transparente */
211 padding: 10px;
212 border-radius: 5px;
213 box-shadow: 0 2px 4px rgba(0,0,0,0.1);
214 }
215 .controls button {
216 padding: 8px 12px;
217 background-color: var(--button-bg-color);
218 border: 1px solid var(--border-color);
219 border-radius: 4px;
```

```
220 cursor: pointer;
221 transition: background-color 0.2s ease;
222 }
223 .controls button:hover {
224   background-color: var(--button-hover-bg-color);
225 }
226 /* Indicadores de Estado (Carregamento, Erro) */
227 .loading,
228 .error {
229   position: absolute; /* Para centralizar sobre o mapa ou sidebar */
230   left: 50%;
231   top: 50%;
232   transform: translate(-50%, -50%);
233   padding: 15px 20px;
234   border-radius: 5px;
235   text-align: center;
236   font-weight: bold;
237   z-index: 500; /* Acima da maioria dos elementos */
238   box-shadow: 0 2px 10px rgba(0,0,0,0.1);
239 }
240 .loading {
241   background: rgba(255, 255, 255, 0.9);
242   color: var(--text-color);
243 }
244 .error {
245   /* Se for erro na sidebar, ajuste aqui */
246   background-color: var(--error-bg-color);
247   color: var(--error-color);
248   border: 1px solid var(--error-color);
249   /* margin: 10px 0; Se dentro da sidebar */
250 }
251 /* Estilo para waypoints (para depuração) */
252 .waypoint-marker {
253   position: absolute;
254   width: 8px;
255   height: 8px;
256   background-color: #ffcc00; /* Amarelo para waypoints */
```

```
257 border-radius: 50%;  
258 transform: translate(-50%, -50%);  
259 z-index: 15; /* Acima do caminho, abaixo dos marcadores principais */  
260 border: 1px solid #cc9900;  
261 pointer-events: none; /* Waypoints não clicáveis */  
262 }
```

src/main.js

```
1 import { createApp } from 'vue'  
2 import App from './App.vue'  
3 import router from './router' // <--- Importa o roteador  
4 import './assets/styles/main.css' // Importa o CSS Global (se já não estiver)  
5  
6 const app = createApp(App)  
7  
8 app.use(router) // <--- Usa o roteador  
9  
10 createApp(App).mount('#app')
```

src/components/MapControls.vue

```
1 <script setup>
2 const emit = defineEmits(['zoom-in', 'zoom-out', 'update-location', 'set-location-manual']);
3 </script>
4
5 <template>
6   <div class="controls">
7     <button @click="emit('zoom-in')" title="Aproximar">+</button>
8     <button @click="emit('zoom-out')" title="Afastar">-</button>
9     <button @click="emit('update-location')" title="Obter localização automática">GPS</button>
10    <button @click="emit('set-location-manual')" title="Definir localização manualmente">Manual</button>
11  </div>
12 </template>
13
14 <style scoped>
15 /* Estilos dos controlos já estão em main.css */
16 button {
17   font-weight: bold;
18 }
19 </style>
```

src/components/MapDisplay.vue

```
1 <script setup>
2 import { ref, computed, watch, onMounted, onUnmounted } from 'vue';
3
4 const props = defineProps({
5   mapImageUrl: String,
6   locaisOnFloor: Array,
7   userPosition: Object, // { x, y } | null
8   routeSegments: Array, // Array de { x, y, length, angle }
9   debugWaypoints: Array, // Array de waypoints para mostrar
10  selectedLocalId: [Number, String, null],
11  popupInfo: Object, // { visible, x, y, text }
12  mapScale: Number,
13  loading: Boolean,
14 });
15
16 const emit = defineEmits([
17   'map-click',
18   'marker-click',
19   'marker-mouseenter',
20   'marker-mouseleave',
21   'update:mapDimensions' // Emite as dimensões do mapa para o pai
22 ]);
23
24 const mapImageRef = ref(null); // Referência para o elemento .map-image
25 const mapDimensions = ref({ width: 0, height: 0 }); // Dimensões em pixels
26
27 const mapStyle = computed(() => ({
28   backgroundImage: `url(${props.mapImageUrl || ''})`,
29   transform: `scale(${props.mapScale || 1})`,
30   // Adicionar transform-origin se não estiver no CSS global
31   // transformOrigin: 'center center'
32 }));
33
34 const handleMapClick = (event) => {
```

```
35 // Emite o evento original e a referência do elemento para cálculo no pai/composable
36 emit('map-click', event, mapImageRef.value?.getBoundingClientRect());
37 };
38
39 const selectLocalFromMarker = (local) => {
40   emit('marker-click', local);
41 };
42
43 const showPopupOnEnter = (local) => {
44   emit('marker-mouseenter', local);
45 };
46
47 const hidePopupOnLeave = () => {
48   emit('marker-mouseleave');
49 };
50
51 // Observador para atualizar dimensões quando o elemento do mapa for montado ou redimensionado
52 const resizeObserver = ref(null);
53 onMounted(() => {
54   if (mapImageRef.value) {
55     resizeObserver.value = new ResizeObserver(entries => {
56       for (let entry of entries) {
57         mapDimensions.value = {
58           width: entry.contentRect.width,
59           height: entry.contentRect.height,
60         };
61         // Emite as dimensões atualizadas para o componente pai/composable
62         emit('update:mapDimensions', mapDimensions.value);
63       }
64     });
65     resizeObserver.value.observe(mapImageRef.value);
66     // Define dimensões iniciais
67     const rect = mapImageRef.value.getBoundingClientRect();
68     mapDimensions.value = { width: rect.width, height: rect.height };
69     emit('update:mapDimensions', mapDimensions.value);
70   }
71 }
```

```
72 });
73
74 onUnmounted(()) => {
75   if (resize0bserver.value && mapImageRef.value) {
76     resize0bserver.value.unobserve(mapImageRef.value);
77   }
78 });
79
80 // Recalcula dimensões se a escala mudar (embora o Resize0bserver deva pegar)
81 watch(()) => props.mapScale, () => {
82   if (mapImageRef.value) {
83     const rect = mapImageRef.value.getBoundingClientRect();
84     mapDimensions.value = { width: rect.width / props.mapScale, height: rect.height / props.mapScale };
85     emit('update:mapDimensions', mapDimensions.value);
86   }
87 }, { immediate: true });
88
89
90 </script>
91
92 <template>
93   <div class="map-container">
94     <div
95       class="map-image"
96       :style="mapStyle"
97       ref="mapImageRef"
98       @click="handleMapClick"
99     >
100     <div
101       v-for="local in locaisOnFloor"
102       :key="`loc-${local.id}`"
103       class="location-marker"
104       :style="{ left: `${local.x}%`, top: `${local.y}%` }"
105       @click.stop="selectLocalFromMarker(local)"
106       @mouseenter="showPopupOnEnter(local)"
107       @mouseleave="hidePopupOnLeave"
108       :title="local.nome"
```

```
109     ></div>
110
111     <div
112         v-if="userPosition"
113         class="user-marker"
114         :style="{ left: `${userPosition.x}%`, top: `${userPosition.y}%` }"
115         title="Sua localização estimada"
116     ></div>
117
118     <div v-if="routeSegments && routeSegments.length > 0">
119         <div
120             v-for="(segment, index) in routeSegments"
121             :key=`route-${index}`
122             class="path-line"
123             :style="{
124                 left: `${segment.x}`,
125                 top: `${segment.y}`,
126                 width: `${segment.length}px`,
127                 transform: `rotate(${segment.angle}deg)`
128             }"
129         ></div>
130     </div>
131
132     <div v-if="debugWaypoints && debugWaypoints.length > 0">
133         <div
134             v-for="wp in debugWaypoints"
135             :key="`wp-${wp.id}`"
136             class="waypoint-marker"
137             :style="{ left: `${wp.x}%`, top: `${wp.y}%` }"
138             :title="`Waypoint: ${wp.id}`"
139         ></div>
140     </div>
141
142     <div
143         v-if="popupInfo && popupInfo.visible"
144         class="location-popup"
145         :style="{ left: `${popupInfo.x}%`, top: `${popupInfo.y}%` }"
```

```
146      >
147      {{ popupInfo.text }}
148    </div>
149
150  </div>
151
152  <div v-if="loading" class="loading">
153    Carregando mapa...
154  </div>
155
156  </div>
157</template>
158
159<style scoped>
160/*
161/* Estilos específicos do mapa/marcadores já estão em main.css
162.map-container {
163
164}
165.map-image {
166
167}
168.waypoint-marker {
169
170}*/
171
172/* Garante que o loading fique sobre o mapa*/
173.loading {
174  z-index: 40; /* Acima do mapa, abaixo dos controles/popup */
175}
176</style>
```

src/views/MapHome.vue

```
1 <template>
2   <LocationAdmin />
3 </template>
4
5 <script setup>
6 import LocationAdmin from '@/components/LocationAdmin.vue';
7 </script>
8
```

src/layouts/MapLayout.vue

```
1 <template>
2   <div class="app-container">
3     <button class="menu-toggle-button" @click="toggleMenu" title="Abrir/Fehar Menu">&lt;/button>
4
5     <AppSidebar
6       :is-open="isMenuOpen"
7       :all-locais="allLocais"
8       :floors="floors"
9       :current-floor-id="currentFloorId"
10      :selected-local-id="selectedLocal?.id"
11      :loading="loading.locais"
12      :error="error.locais"
13      @update:currentFloorId="currentFloorId = $event"
14      @select-local="handleLocalSelect"
15      @close="closeMenu"
16    />
17
18   <div class="main-content" style="flex-grow: 1; position: relative;">
19     <MapDisplay
20       :map-image-url="currentFloorMap"
21       :locais-on-floor="locaisAtualAndar"
22       :user-position="userPosition"
23       :route-segments="routeSegments"
24       :debug-waypoints="debugWaypoints"
25       :selected-local-id="selectedLocal?.id"
26       :popup-info="popupInfo"
27       :map-scale="mapScale"
28       :loading="loading.map"
29       @map-click="handleMapClick"
30       @marker-click="handleLocalSelect"
31       @marker-mouseenter="showPopup"
32       @marker-mouseleave="hidePopup"
33       @update:map-dimensions="mapDimensions = $event"
34     />
```

```
35
36 <MapControls
37   @zoom-in="zoomIn"
38   @zoom-out="zoomOut"
39   @update-location="triggerAutoLocation"
40   @set-location-manual="triggerManualLocationMode"
41 />
42
43 <div v-if="overallLoading && !displayError" class="loading">
44   <span v-if="isGettingLocation">Obtendo localização...</span>
45   <span v-else-if="loading.locais || loading.map">Carregando dados...</span>
46 </div>
47
48 <div v-if="displayError" class="error">{{ displayError }}</div>
49 <div v-if="settingUserLocationMode" class="error" style="top: 10%; background: lightblue; color: black; border: 1px
solid blue;">
50   {{ error.geolocation }}
51 </div>
52
53 <!-- Aqui entram as rotas filhas -->
54 <router-view />
55 </div>
56 </div>
57 </template>
58
59 <script setup>
60 import { ref, computed, onMounted, watch } from 'vue';
61 import AppSidebar from '@/components/AppSidebar.vue';
62 import MapDisplay from '@/components/MapDisplay.vue';
63 import MapControls from '@/components/MapControls.vue';
64 import { useGeolocation } from '@/composables/useGeolocation.js';
65 import { useMapInteraction } from '@/composables/useMapInteraction.js';
66 import { useMapRouting } from '@/composables/useMapRouting.js';
67 import { fetchLocais, getFloors } from '@/services/LocationService.js';
68
69 const allLocais = ref([]);
70 const selectedLocal = ref(null);
```

```
71 const currentFloorId = ref('terreo');
72 const floors = ref([]);
73 const isMenuOpen = ref(false);
74 const loading = ref({ locais: true, map: true });
75 const error = ref({ locais: null, routing: null, geolocation: null });
76 const mapDimensions = ref({ width: 0, height: 0 });
77
78 const {
79   userPosition,
80   geolocationError,
81   isGettingLocation,
82   getUserLocationAuto,
83   setUserLocationManually
84 } = useGeolocation();
85
86 const {
87   mapScale,
88   popupInfo,
89   settingUserLocationMode,
90   zoomIn,
91   zoomOut,
92   showPopup,
93   hidePopup,
94   handleMapClick: handleMapClickInteraction,
95   enableSetUserLocationMode
96 } = useMapInteraction();
97
98 const {
99   routeSegments,
100  hasRoute,
101  debugWaypoints,
102  routingError: routeCalcError,
103  calculateRoute
104 } = useMapRouting(userPosition, selectedLocal, currentFloorId, mapScale, mapDimensions);
105
106 const currentFloorData = computed(() => floors.value.find(f => f.id === currentFloorId.value));
107 const currentFloorMap = computed(() => currentFloorData.value?.image || '');
```

```
108 const locaisAtualAndar = computed(() => allLocais.value.filter(local => local.andar === currentFloorId.value));
109 const overallLoading = computed(() => loading.value.locais || loading.value.map || isGettingLocation.value);
110 const displayError = computed(() => error.value.locais || error.value.geolocation || error.value.routing);
111
112 const toggleMenu = () => { isMenuOpen.value = !isMenuOpen.value; };
113 const closeMenu = () => { isMenuOpen.value = false; };
114
115 const loadInitialData = async () => {
116   loading.value.locais = true;
117   error.value.locais = null;
118   try {
119     floors.value = getFloors();
120     if (!floors.value.some(f => f.id === currentFloorId.value)) {
121       currentFloorId.value = floors.value[0].id;
122     }
123     allLocais.value = await fetchLocais();
124   } catch (err) {
125     error.value.locais = 'Falha ao carregar dados.';
126   } finally {
127     loading.value.locais = false;
128     loading.value.map = false;
129   }
130 };
131
132 const handleLocalSelect = (local) => {
133   selectedLocal.value = local;
134   if (local.andar !== currentFloorId.value) {
135     currentFloorId.value = local.andar;
136   }
137   closeMenu();
138 };
139
140 const handleMapClick = (event, mapRect) => {
141   handleMapClickInteraction(
142     event,
143     mapRect,
144     (x, y) => {
```

```
145     setUserLocationManually(x, y);
146     error.value.geolocation = null;
147   },
148   () => {
149     if (isMenuOpen.value && !event.target.closest('.menu-toggle-button')) {
150       closeMenu();
151     }
152   }
153 );
154 };
155
156 const triggerAutoLocation = () => {
157   getUserLocationAuto();
158   closeMenu();
159 };
160
161 const triggerManualLocationMode = () => {
162   enableSetUserLocationMode();
163   error.value.geolocation = 'Clique no mapa para definir sua localização.';
164   closeMenu();
165 };
166
167 watch(geolocationError, (newError) => {
168   if (!settingUserLocationMode.value) error.value.geolocation = newError;
169 });
170 watch(routeCalcError, (newError) => { error.value.routing = newError; });
171 watch(currentFloorId, (newFloor) => { if (selectedLocal.value?.andar !== newFloor) hidePopup(); });
172
173 onMounted(() => {
174   loadInitialData();
175   getUserLocationAuto();
176 });
177 </script>
178
179 <!-- estilos podem ser os mesmos de App.vue -->
180
181
```

package.json

```
1  {
2    "name": "mapa-ufc-russas-vuejs",
3    "version": "0.0.0",
4    "private": true,
5    "type": "module",
6    "scripts": {
7      "dev": "vite",
8      "build": "vite build",
9      "preview": "vite preview"
10    },
11    "dependencies": {
12      "vue": "^3.5.13",
13      "vue-router": "^4.5.0"
14    },
15    "devDependencies": {
16      "@types/debug": "^4.1.12",
17      "@vitejs/plugin-vue": "^5.2.3",
18      "vite": "^6.2.4",
19      "vite-plugin-vue-devtools": "^7.7.2"
20    }
21  }
22 }
```

package-lock.json

```
1  {
2    "name": "mapa-ufc-russas-vuejs",
3    "version": "0.0.0",
4    "lockfileVersion": 3,
5    "requires": true,
6    "packages": {
7      "": {
8        "name": "mapa-ufc-russas-vuejs",
9        "version": "0.0.0",
10       "dependencies": {
11         "vue": "^3.5.13",
12         "vue-router": "^4.5.0"
13       },
14       "devDependencies": {
15         "@types/debug": "^4.1.12",
16         "@vitejs/plugin-vue": "^5.2.3",
17         "vite": "^6.2.4",
18         "vite-plugin-vue-devtools": "^7.7.2"
19       }
20     },
21     "node_modules/@ampproject/remapping": {
22       "version": "2.3.0",
23       "resolved": "https://registry.npmjs.org/@ampproject/remapping/-/remapping-2.3.0.tgz",
24       "integrity": "sha512-30iZtAPgz+LTIYoeivqYo853f02jBYSd5uGnGpkFV0M3x0t9aN73erkgYAmZU43x4VfqcnLxW9Kpg3R5LC4YYw==",
25       "dev": true,
26       "license": "Apache-2.0",
27       "dependencies": {
28         "@jridgewell/gen-mapping": "^0.3.5",
29         "@jridgewell/trace-mapping": "^0.3.24"
30       },
31       "engines": {
32         "node": ">=6.0.0"
33       }
34     },
35   }
```

```
35 "node_modules/@antfu/utils": {
36   "version": "0.7.10",
37   "resolved": "https://registry.npmjs.org/@antfu/utils/-/utils-0.7.10.tgz",
38   "integrity": "sha512-+562v9k4aI80m1+VuMHehNJWL0FjBnXn3td0itzD0il5b7smkSBal4+a3oKiQTbrwMmN/TBUMDvbdoWDehg0ww==",
39   "dev": true,
40   "license": "MIT",
41   "funding": {
42     "url": "https://github.com/sponsors/antfu"
43   }
44 },
45 "node_modules/@babel/code-frame": {
46   "version": "7.26.2",
47   "resolved": "https://registry.npmjs.org/@babel/code-frame/-/code-frame-7.26.2.tgz",
48   "integrity": "sha512-RJlIH RueQgwWitWgF80dFYGZX328Ax5BCemNGlqHfplnRT9ESi8JkFlvaVYbS+UubVY6dpv87Fs2u5M29iNFVQ==",
49   "dev": true,
50   "license": "MIT",
51   "dependencies": {
52     "@babel/helper-validator-identifier": "^7.25.9",
53     "js-tokens": "^4.0.0",
54     "picocolors": "^1.0.0"
55   },
56   "engines": {
57     "node": ">=6.9.0"
58   }
59 },
60 "node_modules/@babel/compat-data": {
61   "version": "7.26.8",
62   "resolved": "https://registry.npmjs.org/@babel/compat-data/-/compat-data-7.26.8.tgz",
63   "integrity": "sha512-oH5UPLMWR3L2wEFLnFJ1TZXqHufiTКАiLfqw5zkhS4dKXLJ10yVztfil/twG8EDTA4F/tvVNw9n0l4ZMsLB8rQ==",
64   "dev": true,
65   "license": "MIT",
66   "engines": {
67     "node": ">=6.9.0"
68   }
69 },
70 "node_modules/@babel/core": {
71   "version": "7.26.10",
```

```
72  "resolved": "https://registry.npmjs.org/@babel/core/-/core-7.26.10.tgz",
73  "integrity": "sha512-vMqyb7XCDMPvJFF0aT9kxtiRh42GwlZEg1/uIgtZshS5a/80aduUfCi7kynKgc3Tw/6Uo2D+db9qBttghhmwQ==",
74  "dev": true,
75  "license": "MIT",
76  "dependencies": {
77    "@ampproject/remapping": "^2.2.0",
78    "@babel/code-frame": "^7.26.2",
79    "@babel/generator": "^7.26.10",
80    "@babel/helper-compilation-targets": "^7.26.5",
81    "@babel/helper-module-transforms": "^7.26.0",
82    "@babel/helpers": "^7.26.10",
83    "@babel/parser": "^7.26.10",
84    "@babel/template": "^7.26.9",
85    "@babel/traverse": "^7.26.10",
86    "@babel/types": "^7.26.10",
87    "convert-source-map": "^2.0.0",
88    "debug": "^4.1.0",
89    "gensync": "^1.0.0-beta.2",
90    "json5": "^2.2.3",
91    "semver": "^6.3.1"
92  },
93  "engines": {
94    "node": ">=6.9.0"
95  },
96  "funding": {
97    "type": "opencollective",
98    "url": "https://opencollective.com/babel"
99  }
100 },
101 "node_modules/@babel/generator": {
102   "version": "7.27.0",
103   "resolved": "https://registry.npmjs.org/@babel/generator/-/generator-7.27.0.tgz",
104   "integrity": "sha512-VybsKvpINlgU1sdMZIp7FcqphVVKEwcuj02x73uvcHE0PTihx1nlBcowYWhDwjpoAXRv43+gDzyggGnn1XZhVw==",
105   "dev": true,
106   "license": "MIT",
107   "dependencies": {
108     "@babel/parser": "^7.27.0",
```

```
109  "@babel/types": "^7.27.0",
110  "@jridgewell/gen-mapping": "^0.3.5",
111  "@jridgewell/trace-mapping": "^0.3.25",
112  "jsesc": "^3.0.2"
113 },
114 "engines": {
115   "node": ">=6.9.0"
116 }
117 },
118 "node_modules/@babel/helper-annotate-as-pure": {
119   "version": "7.25.9",
120   "resolved": "https://registry.npmjs.org/@babel/helper-annotate-as-pure/-/helper-annotate-as-pure-7.25.9.tgz",
121   "integrity": "sha512-gv7320KBUFJz1RnyIg5WWYPRXKZ884AGkYpgpWW02TH66Dl+HaC1t1CKd0z3R4b6hdYEcmrNZHUmfCP+1u3/g==",
122   "dev": true,
123   "license": "MIT",
124   "dependencies": {
125     "@babel/types": "^7.25.9"
126   },
127   "engines": {
128     "node": ">=6.9.0"
129   }
130 },
131 "node_modules/@babel/helper-compilation-targets": {
132   "version": "7.27.0",
133   "resolved": "https://registry.npmjs.org/@babel/helper-compilation-targets/-/helper-compilation-targets-7.27.0.tgz",
134   "integrity": "sha512-LVk7fbXml0H2xH34dFzKQ7TDZ2G4/rVT0rq9V+icbbadjbVxxeFeDsNHv2SrZeWoA+6ZiTyWYwtScEIw07EAcA==",
135   "dev": true,
136   "license": "MIT",
137   "dependencies": {
138     "@babel/compat-data": "^7.26.8",
139     "@babel/helper-validator-option": "^7.25.9",
140     "browserslist": "^4.24.0",
141     "lru-cache": "^5.1.1",
142     "semver": "^6.3.1"
143   },
144   "engines": {
145     "node": ">=6.9.0"
```

```
146    }
147  },
148  "node_modules/@babel/helper-create-class-features-plugin": {
149    "version": "7.27.0",
150    "resolved": "https://registry.npmjs.org/@babel/helper-create-class-features-plugin/-/helper-create-class-features-plugin-7.27.0.tgz",
151    "integrity": "sha512-vSGCvMecvFCd/BdpGlhpXYNhC4ccxyvQWpbGL4CWbvfEoLFWUZuSuf7s9Aw70flgQF+6vptvgK2If0nKlRmBg==",
152    "dev": true,
153    "license": "MIT",
154    "dependencies": {
155      "@babel/helper-annotate-as-pure": "^7.25.9",
156      "@babel/helper-member-expression-to-functions": "^7.25.9",
157      "@babel/helper-optimise-call-expression": "^7.25.9",
158      "@babel/helper-replace-supers": "^7.26.5",
159      "@babel/helper-skip-transparent-expression-wrappers": "^7.25.9",
160      "@babel/traverse": "^7.27.0",
161      "semver": "^6.3.1"
162    },
163    "engines": {
164      "node": ">=6.9.0"
165    },
166    "peerDependencies": {
167      "@babel/core": "^7.0.0"
168    }
169  },
170  "node_modules/@babel/helper-member-expression-to-functions": {
171    "version": "7.25.9",
172    "resolved": "https://registry.npmjs.org/@babel/helper-member-expression-to-functions/-/helper-member-expression-to-functions-7.25.9.tgz",
173    "integrity": "sha512-wbfdZ9w5vk0C0oyHqAJbc62+vet5prj01jjJ8sKn3j9h3MQQlfEdXYvuqRWjHnM12coDEqiC1IRCi0U/EKwQ==",
174    "dev": true,
175    "license": "MIT",
176    "dependencies": {
177      "@babel/traverse": "^7.25.9",
178      "@babel/types": "^7.25.9"
179    },
180    "engines": {
```

```
181     "node": ">=6.9.0"
182   }
183 },
184 "node_modules/@babel/helper-module-imports": {
185   "version": "7.25.9",
186   "resolved": "https://registry.npmjs.org/@babel/helper-module-imports/-/helper-module-imports-7.25.9.tgz",
187   "integrity": "sha512-tnUA4RsrmfIM6W6RFTLFSXITtl0wKjgpnLgXyowocVPrbYrLUXSBXDgTs8BlbmIzIdlBySRQjINYs2BAkiLtw==",
188   "dev": true,
189   "license": "MIT",
190   "dependencies": {
191     "@babel/traverse": "^7.25.9",
192     "@babel/types": "^7.25.9"
193   },
194   "engines": {
195     "node": ">=6.9.0"
196   }
197 },
198 "node_modules/@babel/helper-module-transforms": {
199   "version": "7.26.0",
200   "resolved": "https://registry.npmjs.org/@babel/helper-module-transforms/-/helper-module-transforms-7.26.0.tgz",
201   "integrity": "sha512-x0+xu6B5K2czEnQye6BHA7DolFFmS3LB7stHZFa0Lb1pAw01HWLS8fXA+eh0A2yIvltpVmx3eNNDBJA2SLHXFw==",
202   "dev": true,
203   "license": "MIT",
204   "dependencies": {
205     "@babel/helper-module-imports": "^7.25.9",
206     "@babel/helper-validator-identifier": "^7.25.9",
207     "@babel/traverse": "^7.25.9"
208   },
209   "engines": {
210     "node": ">=6.9.0"
211   },
212   "peerDependencies": {
213     "@babel/core": "^7.0.0"
214   }
215 },
216 "node_modules/@babel/helper-optimise-call-expression": {
217   "version": "7.25.9",
```

```
218     "resolved": "https://registry.npmjs.org/@babel/helper-optimize-call-expression/-/helper-optimize-call-expression-  
7.25.9.tgz",  
219     "integrity": "sha512-FIpNaz5ow8VyrYcnXQTDRGvV6tTjkNtCK/RYNDXGSLLUD6cBuQTSw43CShGxjvfBTfcUA/r6UhUCbtYqkhcuQ==",  
220     "dev": true,  
221     "license": "MIT",  
222     "dependencies": {  
223       "@babel/types": "^7.25.9"  
224     },  
225     "engines": {  
226       "node": ">=6.9.0"  
227     }  
228   },  
229   "node_modules/@babel/helper-plugin-utils": {  
230     "version": "7.26.5",  
231     "resolved": "https://registry.npmjs.org/@babel/helper-plugin-utils/-/helper-plugin-utils-7.26.5.tgz",  
232     "integrity": "sha512-RS+jZcRdZdRFzMyr+wcsaq0mld1/EqTghfaBGQQd/WnRdzdlvSZ//kF7U8VQTxfllynZ4cjUcYgjVGx13ewNPMg==",  
233     "dev": true,  
234     "license": "MIT",  
235     "engines": {  
236       "node": ">=6.9.0"  
237     }  
238   },  
239   "node_modules/@babel/helper-replace-supers": {  
240     "version": "7.26.5",  
241     "resolved": "https://registry.npmjs.org/@babel/helper-replace-supers/-/helper-replace-supers-7.26.5.tgz",  
242     "integrity": "sha512-bJ6iIVdYX1YooY2X7w1q6VITt+LnUILtNk7zT78ykuwStx8BauCz xvFqFaHj0pW1bVnSUM1PN1f0p5P21wHxvg==",  
243     "dev": true,  
244     "license": "MIT",  
245     "dependencies": {  
246       "@babel/helper-member-expression-to-functions": "^7.25.9",  
247       "@babel/helper-optimize-call-expression": "^7.25.9",  
248       "@babel/traverse": "^7.26.5"  
249     },  
250     "engines": {  
251       "node": ">=6.9.0"  
252     },  
253     "peerDependencies": {
```

```
254     "@babel/core": "^7.0.0"
255   }
256 },
257 "node_modules/@babel/helper-skip-transparent-expression-wrappers": {
258   "version": "7.25.9",
259   "resolved": "https://registry.npmjs.org/@babel/helper-skip-transparent-expression-wrappers/-/helper-skip-transparent-expression-wrappers-7.25.9.tgz",
260   "integrity": "sha512-K4Du3BFa3gvyhzgPcntrkDgZzQaq6uoazzcpGb0010EJaI+EJdqWIMTLgFgQf6lrfiDFo5FU+BxKepI9RmZqahA==",
261   "dev": true,
262   "license": "MIT",
263   "dependencies": {
264     "@babel/traverse": "^7.25.9",
265     "@babel/types": "^7.25.9"
266   },
267   "engines": {
268     "node": ">=6.9.0"
269   }
270 },
271 "node_modules/@babel/helper-string-parser": {
272   "version": "7.25.9",
273   "resolved": "https://registry.npmjs.org/@babel/helper-string-parser/-/helper-string-parser-7.25.9.tgz",
274   "integrity": "sha512-4A/SCr/2KLd5jrt0MFzaKjVtAei3+2r/NChoBNoZ3EyP/+GlhoaEGoW0ZUmFmoITP7z0JyHIMm+DYRd8o3PvHA==",
275   "license": "MIT",
276   "engines": {
277     "node": ">=6.9.0"
278   }
279 },
280 "node_modules/@babel/helper-validator-identifier": {
281   "version": "7.25.9",
282   "resolved": "https://registry.npmjs.org/@babel/helper-validator-identifier/-/helper-validator-identifier-7.25.9.tgz",
283   "integrity": "sha512-Ed61U6XJc3CVRfkERJWDz4dJwKe7iLmmJsb0Gu9wSloNSFttHV0I8g6UAgb7qnK5ly5bGLPd4oXZlxCdANB0WQ==",
284   "license": "MIT",
285   "engines": {
286     "node": ">=6.9.0"
287   }
288 },
```

```
289 "node_modules/@babel/helper-validator-option": {
290   "version": "7.25.9",
291   "resolved": "https://registry.npmjs.org/@babel/helper-validator-option/-/helper-validator-option-7.25.9.tgz",
292   "integrity": "sha512-e/zv1co8pp55dNdEcCynfj9X7nyUKUXoUEwfXqaZt0omV0mDe9o0TdKStH4GmA w6zxMFs50ZayuMfHDKl07Tfw==",
293   "dev": true,
294   "license": "MIT",
295   "engines": {
296     "node": ">=6.9.0"
297   }
298 },
299 "node_modules/@babel/helpers": {
300   "version": "7.27.0",
301   "resolved": "https://registry.npmjs.org/@babel/helpers/-/helpers-7.27.0.tgz",
302   "integrity": "sha512-U5eyP/CTFPuNE3qk+WZMxFkp/4zUzdceQlfzf7DdGdhP+Fezd7HD+i8Y24ZuTMKX3wQBld449jijbGq60dGNQg==",
303   "dev": true,
304   "license": "MIT",
305   "dependencies": {
306     "@babel/template": "^7.27.0",
307     "@babel/types": "^7.27.0"
308   },
309   "engines": {
310     "node": ">=6.9.0"
311   }
312 },
313 "node_modules/@babel/parser": {
314   "version": "7.27.0",
315   "resolved": "https://registry.npmjs.org/@babel/parser/-/parser-7.27.0.tgz",
316   "integrity": "sha512-iaeph073/2Pz7w2eMS0Q5f83+0RKI7i4xmiYeBmDzfRVbQtT0G7Ts0S4HzJVstMGI9keU8rNfuZr8DKfSt7Yyg==",
317   "license": "MIT",
318   "dependencies": {
319     "@babel/types": "^7.27.0"
320   },
321   "bin": {
322     "parser": "bin/babel-parser.js"
323   },
324   "engines": {
325     "node": ">=6.0.0"
```

```
326     }
327 },
328 "node_modules/@babel/plugin-proposal-decorators": {
329   "version": "7.25.9",
330   "resolved": "https://registry.npmjs.org/@babel/plugin-proposal-decorators/-/plugin-proposal-decorators-7.25.9.tgz",
331   "integrity": "sha512-smkNLL/O1ezy9Nhy4CNosc4Va+1wo5w4gzSZeLe6y6dM4mmHfY0CPolXQPHQxonZCF+ZyebxN9vq0olkYrSn5g==",
332   "dev": true,
333   "license": "MIT",
334   "dependencies": {
335     "@babel/helper-create-class-features-plugin": "^7.25.9",
336     "@babel/helper-plugin-utils": "^7.25.9",
337     "@babel/plugin-syntax-decorators": "^7.25.9"
338   },
339   "engines": {
340     "node": ">=6.9.0"
341   },
342   "peerDependencies": {
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878     "node": ">=18"
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880   },
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900     "resolved": "https://registry.npmjs.org/@esbuild/win32-x64/-/win32-x64-0.25.2.tgz",
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915   "node_modules/@jridgewell/gen-mapping": {
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917     "resolved": "https://registry.npmjs.org/@jridgewell/gen-mapping/-/gen-mapping-0.3.8.tgz",
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920     "license": "MIT",
921     "dependencies": {
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923       "@jridgewell/sourcemap-codec": "^1.4.10",
924       "@jridgewell/trace-mapping": "^0.3.24"
925     },
926     "engines": {
927       "node": ">=6.0.0"
928     }
929   },
930   "node_modules/@jridgewell/resolve-uri": {
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933     "integrity": "sha512-bRISgCIjP20/tbWSPWMEi54QVPRZExkuD9lJL+UIxUKtwVJA8wW1Trb1jMs1RFXo1CBTNZ/5hpC9QvmKw dopKw==",
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951     "version": "1.5.0",
952     "resolved": "https://registry.npmjs.org/@jridgewell/sourcemap-codec/-/sourcemap-codec-1.5.0.tgz",
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953     "integrity": "sha512-gv3ZRaISU3fjPAgNsriBRqGWQL6quFx04YMPW/zD8XMLsU32mhCCfb06KZFLjvYpCZ8zyDEgqsgf+PwPaM7GQ==" ,
954     "license": "MIT"
955 },
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958     "resolved": "https://registry.npmjs.org/@jridgewell/trace-mapping/-/trace-mapping-0.3.25.tgz",
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961     "license": "MIT",
962     "dependencies": {
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964         "@jridgewell/sourcemap-codec": "^1.4.14"
965     }
966 },
967 "node_modules/@polka/url": {
968     "version": "1.0.0-next.29",
969     "resolved": "https://registry.npmjs.org/@polka/url/-/url-1.0.0-next.29.tgz",
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973 },
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976     "resolved": "https://registry.npmjs.org/@rollup/pluginutils/-/pluginutils-5.1.4.tgz",
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979     "license": "MIT",
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982         "estree-walker": "^2.0.2",
983         "picomatch": "^4.0.2"
984     },
985     "engines": {
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987     },
988     "peerDependencies": {
989         "rollup": "^1.20.0||^2.0.0||^3.0.0||^4.0.0"
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991 "peerDependenciesMeta": {
992     "rollup": {
993         "optional": true
994     }
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997 "node_modules/@rollup/rollup-android-arm-eabi": {
998     "version": "4.40.0",
999     "resolved": "https://registry.npmjs.org/@rollup/rollup-android-arm-eabi/-/rollup-android-arm-eabi-4.40.0.tgz",
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1004     "dev": true,
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1018     "dev": true,
1019     "license": "MIT",
1020     "optional": true,
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1026     "version": "4.40.0",
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1062      "optional": true,
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1069   "resolved": "https://registry.npmjs.org/@rollup/rollup-freebsd-x64/-/rollup-freebsd-x64-4.40.0.tgz",
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1079   ]
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1169     "cpu": [
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1171     ],

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1228     "dev": true,
1229     "license": "MIT",
1230     "optional": true,
1231     "os": [
1232       "linux"
1233     ]
1234   },
1235   "node_modules/@rollup/rollup-win32-arm64-msvc": {
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1237     "resolved": "https://registry.npmjs.org/@rollup/rollup-win32-arm64-msvc/-/rollup-win32-arm64-msvc-4.40.0.tgz",
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1247   ]
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1275   ]
1276 },
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1282   "license": "MIT"
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1289     "license": "MIT",
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1294         "url": "https://github.com/sponsors/sindresorhus"
1295     }
1296 },
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1299     "resolved": "https://registry.npmjs.org/@types/debug/-/debug-4.1.12.tgz",
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1304         "@types/ms": "*"
1305     }
1306 },
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1308     "version": "1.0.7",
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1316     "resolved": "https://registry.npmjs.org/@types/ms/-/ms-2.1.0.tgz",
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1319     "license": "MIT"
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1326     "license": "MIT",
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1333     }
1334 },
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1348     "dependencies": {
1349         "@babel/helper-module-imports": "^7.25.9",
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1351         "@babel/plugin-syntax-jsx": "^7.25.9",
1352         "@babel/template": "^7.26.9",
1353         "@babel/traverse": "^7.26.9",
1354         "@babel/types": "^7.26.9",
1355         "@vue/babel-helper-vue-transform-on": "1.4.0",
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1356      "@vue/babel-plugin-resolve-type": "1.4.0",
1357      "@vue/shared": "^3.5.13"
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1359    "peerDependencies": {
1360      "@babel/core": "^7.0.0-0"
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1363      "@babel/core": {
1364        "optional": true
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1375      "@babel/code-frame": "^7.26.2",
1376      "@babel/helper-module-imports": "^7.25.9",
1377      "@babel/helper-plugin-utils": "^7.26.5",
1378      "@babel/parser": "^7.26.9",
1379      "@vue/compiler-sfc": "^3.5.13"
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1381    "funding": {
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1392    "license": "MIT",
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1397       "estree-walker": "^2.0.2",
1398       "source-map-js": "^1.2.0"
1399     }
1400   },
1401   "node_modules/@vue/compiler-dom": {
1402     "version": "3.5.13",
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1408       "@vue/shared": "3.5.13"
1409     }
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1420       "@vue/compiler-ssr": "3.5.13",
1421       "@vue/shared": "3.5.13",
1422       "estree-walker": "^2.0.2",
1423       "magic-string": "^0.30.11",
1424       "postcss": "^8.4.48",
1425       "source-map-js": "^1.2.0"
1426     }
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1429     "version": "3.5.13",
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1453        "mitt": "^3.0.1",
1454        "nanoid": "^5.0.9",
1455        "pathe": "^2.0.2",
1456        "vite-hot-client": "^0.2.4"
1457      },
1458      "peerDependencies": {
1459        "vue": "^3.0.0"
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1470         "url": "https://github.com/sponsors/ai"
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1473 "license": "MIT",
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1475     "nanoid": "bin/nanoid.js"
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1477 "engines": {
1478     "node": "^18 || >=20"
1479 }
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1490         "hookable": "^5.5.3",
1491         "mitt": "^3.0.1",
1492         "perfect-debounce": "^1.0.0",
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1494         "superjson": "^2.2.1"
1495     }
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1582     "optional": true
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1584 }
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1581   {
1582     "type": "github",
1583     "url": "https://github.com/sponsors/ai"
1584   }
1585 ],
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1589   "electron-to-chromium": "^1.5.73",
1590   "node-releases": "^2.0.19",
1591   "update-browserslist-db": "^1.1.1"
1592 },
1593 "bin": {
1594   "browserslist": "cli.js"
1595 },
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1598 }
1599 },
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1606   "dependencies": {
1607     "run-applescript": "^7.0.0"
1608   },
1609   "engines": {
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1613     "url": "https://github.com/sponsors/sindresorhus"
1614   }
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1628       "url": "https://tidelift.com/funding/github/npm/caniuse-lite"
1629     },
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1732   "integrity": "sha512-N+MeXYoqr3p0gn8xfyRPREN7gHakLYjhsHhWGT3fWAiL4IkAt0iDw14QiiEm2bE30c5XX5q0FtAA3CK5f9/BUg==",
1733   "dev": true,
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1739     "url": "https://github.com/sponsors/sindresorhus"
1740   }
1741 },
1742 "node_modules/electron-to-chromium": {
1743   "version": "1.5.136",
1744   "resolved": "https://registry.npmjs.org/electron-to-chromium/-/electron-to-chromium-1.5.136.tgz",
1745   "integrity": "sha512-kL4+wUTD7RSA5FHx5YwWtjDnEEkIIikFgWHR4P6fqjw1PPLLqYkxe0b++wAauAssat0YClCy8Y3C5SxgSkjibQ==",
1746   "dev": true,
1747   "license": "ISC"
1748 },
1749 "node_modules/entities": {
1750   "version": "4.5.0",
1751   "resolved": "https://registry.npmjs.org/entities/-/entities-4.5.0.tgz",
1752   "integrity": "sha512-V0hjH4dGPh9Ao5p0MoRY6BVqtwCjhz6vI5LT8AJ55H+4g9/4vbHx1I54fS0XuclLhDHArPQCiMjDxjaL8fPxhw==",
1753   "license": "BSD-2-Clause",
1754   "engines": {
1755     "node": ">=0.12"
1756   },
1757   "funding": {
1758     "url": "https://github.com/fb55/entities?sponsor=1"
1759   }
1760 },
1761 "node_modules/error-stack-parser-es": {
1762   "version": "0.1.5",
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1763     "resolved": "https://registry.npmjs.org/error-stack-parser-es/-/error-stack-parser-es-0.1.5.tgz",
1764     "integrity": "sha512-xHku1X40R0+f08yJ8Wh2f2rZWVjqyhblzgqlyZ8aZRQkv600KhKWRUah3eSCUbA0BaKIgM+ykwFLE+QUxgGeg==",
1765     "dev": true,
1766     "license": "MIT",
1767     "funding": {
1768       "url": "https://github.com/sponsors/antfu"
1769     }
1770   },
1771   "node_modules/esbuild": {
1772     "version": "0.25.2",
1773     "resolved": "https://registry.npmjs.org/esbuild/-/esbuild-0.25.2.tgz",
1774     "integrity": "sha512-16854zccKPnC+toMywC+uKNeYSv+/eXkevRAfwRD/G9Cleq66m8XFIRigkbvauLLlCfDL45Q2cWegSg53gGBnQ==",
1775     "dev": true,
1776     "hasInstallScript": true,
1777     "license": "MIT",
1778     "bin": {
1779       "esbuild": "bin/esbuild"
1780     },
1781     "engines": {
1782       "node": ">=18"
1783     },
1784     "optionalDependencies": {
1785       "@esbuild/aix-ppc64": "0.25.2",
1786       "@esbuild/android-arm": "0.25.2",
1787       "@esbuild/android-arm64": "0.25.2",
1788       "@esbuild/android-x64": "0.25.2",
1789       "@esbuild/darwin-arm64": "0.25.2",
1790       "@esbuild/darwin-x64": "0.25.2",
1791       "@esbuild/freebsd-arm64": "0.25.2",
1792       "@esbuild/freebsd-x64": "0.25.2",
1793       "@esbuild/linux-arm": "0.25.2",
1794       "@esbuild/linux-arm64": "0.25.2",
1795       "@esbuild/linux-ia32": "0.25.2",
1796       "@esbuild/linux-loong64": "0.25.2",
1797       "@esbuild/linux-mips64el": "0.25.2",
1798       "@esbuild/linux-ppc64": "0.25.2",
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1800     "@esbuild/linux-s390x": "0.25.2",
1801     "@esbuild/linux-x64": "0.25.2",
1802     "@esbuild/netbsd-arm64": "0.25.2",
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1807     "@esbuild/win32-arm64": "0.25.2",
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1809     "@esbuild/win32-x64": "0.25.2"
1810   }
1811 },
1812 "node_modules/escalade": {
1813   "version": "3.2.0",
1814   "resolved": "https://registry.npmjs.org/escalade/-/escalade-3.2.0.tgz",
1815   "integrity": "sha512-WUj2qlxaQt04g6Pq5c29GTcWGdyd8itL8zTlipgECz3JesAii0Kotd8JU6otB3PACgG6xkJUyVhboMS+bje/jA==",
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1817   "license": "MIT",
1818   "engines": {
1819     "node": ">=6"
1820   }
1821 },
1822 "node_modules/estree-walker": {
1823   "version": "2.0.2",
1824   "resolved": "https://registry.npmjs.org/estree-walker/-/estree-walker-2.0.2.tgz",
1825   "integrity": "sha512-RfkM/p/DL7JVje3u18FxFujQLTNR2q6QfMSMB7AvCBx91NGj/ba3kCfza0f6dVDbw7YlRf/nDn7p0rCCyQ/w==",
1826   "license": "MIT"
1827 },
1828 "node_modules/execa": {
1829   "version": "9.5.2",
1830   "resolved": "https://registry.npmjs.org/execa/-/execa-9.5.2.tgz",
1831   "integrity": "sha512-EHlpxMCpHWSAh1dgS6bVeoLAXGnJNdR93aab4QCGbzOM73o5XmRfM/e5FUqsw3aagP8S8XEWUWFAxnRBnAF0Q==",
1832   "dev": true,
1833   "license": "MIT",
1834   "dependencies": {
1835     "@sindresorhus/merge-streams": "^4.0.0",
1836     "cross-spawn": "^7.0.3",
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1837     "figures": "^6.1.0",
1838     "get-stream": "^9.0.0",
1839     "human-signals": "^8.0.0",
1840     "is-plain-obj": "^4.1.0",
1841     "is-stream": "^4.0.1",
1842     "npm-run-path": "6.0.0",
1843     "pretty-ms": "9.0.0",
1844     "signal-exit": "4.1.0",
1845     "strip-final-newline": "4.0.0",
1846     "yoctocolors": "2.0.0"
1847   },
1848   "engines": {
1849     "node": "18.19.0 || >=20.5.0"
1850   },
1851   "funding": {
1852     "url": "https://github.com/sindresorhus/execa?sponsor=1"
1853   }
1854 },
1855 "node_modules/figures": {
1856   "version": "6.1.0",
1857   "resolved": "https://registry.npmjs.org/figures/-/figures-6.1.0.tgz",
1858   "integrity": "sha512-d+l3qxjSesT4V7v2fh+QnmFnUWv9lSpjarhShNTgB0fA0ttejbQUALHLitbjkoRiDuLw00PoQPYIGhIC8ohejg==",
1859   "dev": true,
1860   "license": "MIT",
1861   "dependencies": {
1862     "is-unicode-supported": "2.0.0"
1863   },
1864   "engines": {
1865     "node": ">=18"
1866   },
1867   "funding": {
1868     "url": "https://github.com/sponsors/sindresorhus"
1869   }
1870 },
1871 "node_modules/fs-extra": {
1872   "version": "11.3.0",
1873   "resolved": "https://registry.npmjs.org/fs-extra/-/fs-extra-11.3.0.tgz",
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1874 "integrity": "sha512-Z4XaCL6dUDHfP/jT25jJKMmtxvuwbkD1vNSMFlo9lNLY2c5FHYSQgHPRZUjAB26TpDEoW9HC0gplrdabPV/ew==",
1875 "dev": true,
1876 "license": "MIT",
1877 "dependencies": {
1878     "graceful-fs": "^4.2.0",
1879     "jsonfile": "^6.0.1",
1880     "universalify": "^2.0.0"
1881 },
1882 "engines": {
1883     "node": ">=14.14"
1884 }
1885 },
1886 "node_modules/fsevents": {
1887     "version": "2.3.3",
1888     "resolved": "https://registry.npmjs.org/fsevents/-/fsevents-2.3.3.tgz",
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1890     "dev": true,
1891     "hasInstallScript": true,
1892     "license": "MIT",
1893     "optional": true,
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1896     ],
1897     "engines": {
1898         "node": "^8.16.0 || ^10.6.0 || >=11.0.0"
1899     }
1900 },
1901 "node_modules/gensync": {
1902     "version": "1.0.0-beta.2",
1903     "resolved": "https://registry.npmjs.org/gensync/-/gensync-1.0.0-beta.2.tgz",
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1910 },
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1911 "node_modules/get-stream": {
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1913     "resolved": "https://registry.npmjs.org/get-stream/-/get-stream-9.0.1.tgz",
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1915     "dev": true,
1916     "license": "MIT",
1917     "dependencies": {
1918         "@sec-ant/readable-stream": "^0.4.1",
1919         "is-stream": "^4.0.1"
1920     },
1921     "engines": {
1922         "node": ">=18"
1923     },
1924     "funding": {
1925         "url": "https://github.com/sponsors/sindresorhus"
1926     }
1927 },
1928 "node_modules/globals": {
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1933     "license": "MIT",
1934     "engines": {
1935         "node": ">=4"
1936     }
1937 },
1938 "node_modules/graceful-fs": {
1939     "version": "4.2.11",
1940     "resolved": "https://registry.npmjs.org/graceful-fs/-/graceful-fs-4.2.11.tgz",
1941     "integrity": "sha512-RbJ5/jmFcNNCcDV5o9eTnBLJ/HszWV0P73bc+Ff4nS/rJj+YaS6IGyiOL0VoBYX+l1Wrl3k63h/KrH+nhJ0XvQ==",
1942     "dev": true,
1943     "license": "ISC"
1944 },
1945 "node_modules/hookable": {
1946     "version": "5.5.3",
1947     "resolved": "https://registry.npmjs.org/hookable/-/hookable-5.5.3.tgz",
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1949     "dev": true,
1950     "license": "MIT"
1951 },
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1953     "version": "8.0.1",
1954     "resolved": "https://registry.npmjs.org/human-signals/-/human-signals-8.0.1.tgz",
1955     "integrity": "sha512-eKCa6bwnJhvxf14kZk5NCPC6Hb6BdsU9DZc0nmQKSn01VKrfV0zCvtttPZUsBvjmNDn8rpcJfpwSYnHBjc95M0==",
1956     "dev": true,
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1961   },
1962   "node_modules/is-docker": {
1963     "version": "3.0.0",
1964     "resolved": "https://registry.npmjs.org/is-docker/-/is-docker-3.0.0.tgz",
1965     "integrity": "sha512-eljcgEDlEns/7AXFosB5K/2nCM4P7FQPkGc/DWLy5rmFEWvZayGrikld9/QIY5nJ4f9YsVvBkA6kJpHn9rISdQ==",
1966     "dev": true,
1967     "license": "MIT",
1968     "bin": {
1969       "is-docker": "cli.js"
1970     },
1971     "engines": {
1972       "node": "^12.20.0 || ^14.13.1 || >=16.0.0"
1973     },
1974     "funding": {
1975       "url": "https://github.com/sponsors/sindresorhus"
1976     }
1977   },
1978   "node_modules/is-inside-container": {
1979     "version": "1.0.0",
1980     "resolved": "https://registry.npmjs.org/is-inside-container/-/is-inside-container-1.0.0.tgz",
1981     "integrity": "sha512-KIYLCCJghfHZxqjYBE7rEy00BuTd5xCHS7tHVgvCLkx7StIoaxwNW3hCALgEUjFfeRk+MG/0xmp/vtETEF3tRA==",
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1983     "license": "MIT",
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1994     "url": "https://github.com/sponsors/sindresorhus"
1995   }
1996 },
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1999   "resolved": "https://registry.npmjs.org/is-plain-obj/-/is-plain-obj-4.1.0.tgz",
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2001   "dev": true,
2002   "license": "MIT",
2003   "engines": {
2004     "node": ">=12"
2005   },
2006   "funding": {
2007     "url": "https://github.com/sponsors/sindresorhus"
2008   }
2009 },
2010 "node_modules/is-stream": {
2011   "version": "4.0.1",
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2013   "integrity": "sha512-Dnz92NInDqYckGEUJv689RbRiTSEHCQ7w0VeALbk0z999YpqT46yMRIGtSNl2iCL1waAZSx40+h59NV/EwzV/A==",
2014   "dev": true,
2015   "license": "MIT",
2016   "engines": {
2017     "node": ">=18"
2018   },
2019   "funding": {
2020     "url": "https://github.com/sponsors/sindresorhus"
2021   }
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2022 },
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2024   "version": "2.1.0",
2025   "resolved": "https://registry.npmjs.org/is-unicode-supported/-/is-unicode-supported-2.1.0.tgz",
2026   "integrity": "sha512-mE00Gnza5EEB3Ds0HfMyllZzbBrmL0X3vfWoj9A9PEnTfratQ/BcaJ0uMhnkhjXvb2+FkY3VuHqtAGpTPmg1FQ==",
2027   "dev": true,
2028   "license": "MIT",
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2030     "node": ">=18"
2031   },
2032   "funding": {
2033     "url": "https://github.com/sponsors/sindresorhus"
2034   }
2035 },
2036 "node_modules/is-what": {
2037   "version": "4.1.16",
2038   "resolved": "https://registry.npmjs.org/is-what/-/is-what-4.1.16.tgz",
2039   "integrity": "sha512-ZhMwEosbFJkA0YhFnNDgTM4ZxDRsS6HqTo7qsZM08fehyRYIYa0yHu5R6mgo1n/8MgaPBXiPimPD77baVFYg+A==",
2040   "dev": true,
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2042   "engines": {
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2044   },
2045   "funding": {
2046     "url": "https://github.com/sponsors/mesqueeb"
2047   }
2048 },
2049 "node_modules/is-wsl": {
2050   "version": "3.1.0",
2051   "resolved": "https://registry.npmjs.org/is-wsl/-/is-wsl-3.1.0.tgz",
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2053   "dev": true,
2054   "license": "MIT",
2055   "dependencies": {
2056     "is-inside-container": "^1.0.0"
2057   },
2058   "engines": {
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2061   "funding": {
2062     "url": "https://github.com/sponsors/sindresorhus"
2063   }
2064 },
2065 "node_modules/isexe": {
2066   "version": "2.0.0",
2067   "resolved": "https://registry.npmjs.org/isexe/-/isexe-2.0.0.tgz",
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2072 "node_modules/js-tokens": {
2073   "version": "4.0.0",
2074   "resolved": "https://registry.npmjs.org/js-tokens/-/js-tokens-4.0.0.tgz",
2075   "integrity": "sha512-RdJUflcE3cUzKiMqQgsCu06FPu9UdIJ00beYbPhHN4k6apgJtifcoCtT9bcx0pYBtpD2kCM6Sbzg4CausW/PKQ==",
2076   "dev": true,
2077   "license": "MIT"
2078 },
2079 "node_modules/jssesc": {
2080   "version": "3.1.0",
2081   "resolved": "https://registry.npmjs.org/jssesc/-/jssesc-3.1.0.tgz",
2082   "integrity": "sha512-/sM3d02F0zXjKQhJuo0Q173wf2K0o8t4I8vHy6lF9poUp7bKT0/NHE8fPX23PwfhnykfqnC2xRx0nVw5XuGIaA==",
2083   "dev": true,
2084   "license": "MIT",
2085   "bin": {
2086     "jssesc": "bin/jssesc"
2087   },
2088   "engines": {
2089     "node": ">=6"
2090   }
2091 },
2092 "node_modules/json5": {
2093   "version": "2.2.3",
2094   "resolved": "https://registry.npmjs.org/json5/-/json5-2.2.3.tgz",
2095   "integrity": "sha512-Xm0We7eyHYH14cLdVPoyg+G0H3rYX++KpzrylJwSW98t3Nk+U8X0l8FWK0gwtzdb8lXGf6zYwDUzeHMWfxasyg=="
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2096     "dev": true,
2097     "license": "MIT",
2098     "bin": {
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2100     },
2101     "engines": {
2102       "node": ">=6"
2103     }
2104   },
2105   "node_modules/jsonfile": {
2106     "version": "6.1.0",
2107     "resolved": "https://registry.npmjs.org/jsonfile/-/jsonfile-6.1.0.tgz",
2108     "integrity": "sha512-5dgndW0riYSm5cnYaJNhallLNDK0qFwyDB/rr1E9ZsGciGvKPs8R2xYGCacuf3z6K1YKDz182fd+fY3cn3pMqXQ==",
2109     "dev": true,
2110     "license": "MIT",
2111     "dependencies": {
2112       "universalify": "^2.0.0"
2113     },
2114     "optionalDependencies": {
2115       "graceful-fs": "^4.1.6"
2116     }
2117   },
2118   "node_modules/kolorist": {
2119     "version": "1.8.0",
2120     "resolved": "https://registry.npmjs.org/kolorist/-/kolorist-1.8.0.tgz",
2121     "integrity": "sha512-Y+60/zizpJ3HRH8DCss+q95yr6145JXZo460TpFvDZWlfRCE4qCh0yk1b26nMaNpfHHgxagk9dXT50P0Tfe+dQ==",
2122     "dev": true,
2123     "license": "MIT"
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2125   "node_modules/lru-cache": {
2126     "version": "5.1.1",
2127     "resolved": "https://registry.npmjs.org/lru-cache/-/lru-cache-5.1.1.tgz",
2128     "integrity": "sha512-KpNARQA3Iw+jTA0utUVVbrh+Jlrr1Fv0e56GGzAF0XN7dk/FviadW8LHmK52DlcH4WP2n6gI8vN1aesBFgo9w==",
2129     "dev": true,
2130     "license": "ISC",
2131     "dependencies": {
2132       "yallist": "^3.0.2"
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2133     },
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2137     "resolved": "https://registry.npmjs.org/magic-string/-/magic-string-0.30.17.tgz",
2138     "integrity": "sha512-sNPKHvyjVf7gyjwS4xGTaW/mCnF8wnjtifKBEhxZ7E/S8tQ0rssrwGNn6q8JH/ohItJfSQp9mBtQYuTlH5QnA==",
2139     "license": "MIT",
2140     "dependencies": {
2141       "@jridgewell/source-map-codec": "^1.5.0"
2142     }
2143   },
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2145     "version": "3.0.1",
2146     "resolved": "https://registry.npmjs.org/mitt/-/mitt-3.0.1.tgz",
2147     "integrity": "sha512-vKivATfr97l2/QBCYAkXYDbrIWPM2IIKEl7YPhjCvKLG3kE2gm+uBo6nEXK3M5/Ffh/FLpKExz0Q3JJoJGFKBw==",
2148     "dev": true,
2149     "license": "MIT"
2150   },
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2152     "version": "2.0.1",
2153     "resolved": "https://registry.npmjs.org/mrmime/-/mrmime-2.0.1.tgz",
2154     "integrity": "sha512-Y3wQdFg2Va6etvQ5I82yUhGdsKrcYox6p7FfL1LbK2J4V01F9TGlepTIhnK24t7koZibmg82KGglhA1XK5IsLQ==",
2155     "dev": true,
2156     "license": "MIT",
2157     "engines": {
2158       "node": ">=10"
2159     }
2160   },
2161   "node_modules/ms": {
2162     "version": "2.1.3",
2163     "resolved": "https://registry.npmjs.org/ms/-/ms-2.1.3.tgz",
2164     "integrity": "sha512-6FlzubTLZG3J2a/NVCAleEhjzq5oxgHyaCU9yYXvcLsvoVaHJq/s5xXI6/XXP6tz7R9xA0tHnS0/tXtF3WRTlA==",
2165     "dev": true,
2166     "license": "MIT"
2167   },
2168   "node_modules/nanoid": {
2169     "version": "3.3.11",
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2170  "resolved": "https://registry.npmjs.org/nanoid/-/nanoid-3.3.11.tgz",
2171  "integrity": "sha512-N8SpfPUUp1bK+PMYW8qSWd19U+wwNWI4QKx0YDy9JAro3WMX7p20eVRF9v+347pnakNevPmiHhNmZ2HbFA76w==",
2172  "funding": [
2173    {
2174      "type": "github",
2175      "url": "https://github.com/sponsors/ai"
2176    }
2177  ],
2178  "license": "MIT",
2179  "bin": {
2180    "nanoid": "bin/nanoid.cjs"
2181  },
2182  "engines": {
2183    "node": "^10 || ^12 || ^13.7 || ^14 || >=15.0.1"
2184  },
2185},
2186 "node_modules/node-releases": {
2187   "version": "2.0.19",
2188   "resolved": "https://registry.npmjs.org/node-releases/-/node-releases-2.0.19.tgz",
2189   "integrity": "sha512-xx0WJsBKtzAq7DY0J+DTzuz58K8e7sJbdgwkMWQe8UYB6ekmsQ45q0M/tJDsGaZmbC+l7n57UV8Hl5tHx09uw==",
2190   "dev": true,
2191   "license": "MIT"
2192 },
2193 "node_modules/npm-run-path": {
2194   "version": "6.0.0",
2195   "resolved": "https://registry.npmjs.org/npm-run-path/-/npm-run-path-6.0.0.tgz",
2196   "integrity": "sha512-9qny7Z9DsQU80u39ERsPU40ZQlSTP47ShQzuKZ6PRXpYLtIFgl/DEBYEXKlvcEa+9tHVcK8CF81Y2V72qaZhWA==",
2197   "dev": true,
2198   "license": "MIT",
2199   "dependencies": {
2200     "path-key": "^4.0.0",
2201     "unicorn-magic": "^0.3.0"
2202   },
2203   "engines": {
2204     "node": ">=18"
2205   },
2206   "funding": {
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2207     "url": "https://github.com/sponsors/sindresorhus"
2208   }
2209 },
2210 "node_modules/npm-run-path/node_modules/path-key": {
2211   "version": "4.0.0",
2212   "resolved": "https://registry.npmjs.org/path-key/-/path-key-4.0.0.tgz",
2213   "integrity": "sha512-haREypq7xkM7ErgfIyA0z+Bj4AGKlMSdlQE2jvJo6huWD1EdkKYV+G/T4nq0YEF2vgTT8kqMFKo1uHn950r4SQ==",
2214   "dev": true,
2215   "license": "MIT",
2216   "engines": {
2217     "node": ">=12"
2218   },
2219   "funding": {
2220     "url": "https://github.com/sponsors/sindresorhus"
2221   }
2222 },
2223 "node_modules/open": {
2224   "version": "10.1.0",
2225   "resolved": "https://registry.npmjs.org/open/-/open-10.1.0.tgz",
2226   "integrity": "sha512-mnkeQ1qP5Ue2wd+aivTD3NHd/lZ96Lu0jgf0pwktLPtx6cTZiH7tyeGRRHs0zX0rbrahXPnXlUnbeXyaBBuIaw==",
2227   "dev": true,
2228   "license": "MIT",
2229   "dependencies": {
2230     "default-browser": "^5.2.1",
2231     "define-lazy-prop": "^3.0.0",
2232     "is-inside-container": "^1.0.0",
2233     "is-wsl": "^3.1.0"
2234   },
2235   "engines": {
2236     "node": ">=18"
2237   },
2238   "funding": {
2239     "url": "https://github.com/sponsors/sindresorhus"
2240   }
2241 },
2242 "node_modules/parse-ms": {
2243   "version": "4.0.0",
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2244     "resolved": "https://registry.npmjs.org/parse-ms/-/parse-ms-4.0.0.tgz",
2245     "integrity": "sha512-TXfryirbmq34y8QBwgqCVLi+8oA3oWx2eAnSn62ITyEhEYaWRlVZ2DvMM9eZbMs/RfxPu/PK/aBLyGj4IrqMHw==",
2246     "dev": true,
2247     "license": "MIT",
2248     "engines": {
2249       "node": ">=18"
2250     },
2251     "funding": {
2252       "url": "https://github.com/sponsors/sindresorhus"
2253     }
2254   },
2255   "node_modules/path-key": {
2256     "version": "3.1.1",
2257     "resolved": "https://registry.npmjs.org/path-key/-/path-key-3.1.1.tgz",
2258     "integrity": "sha512-ojmeN0qd+y0jszEtoY48r0Peq5dwMEkIlC0u6Q5f41lfkswXuKtYrhgoTpLnyIcHm24Uhqx+5Tqm2InSwLhE6Q==",
2259     "dev": true,
2260     "license": "MIT",
2261     "engines": {
2262       "node": ">=8"
2263     }
2264   },
2265   "node_modules/pathe": {
2266     "version": "2.0.3",
2267     "resolved": "https://registry.npmjs.org/pathe/-/pathe-2.0.3.tgz",
2268     "integrity": "sha512-WUjGcAqP1gQacoQe+0BJsFA7Ld4DyXuUIjZ5cc75cLHvJ7dtNsTugphxAIDwspS+AraAUePCKrSVtPLFj/F88w==",
2269     "dev": true,
2270     "license": "MIT"
2271   },
2272   "node_modules/perfect-debounce": {
2273     "version": "1.0.0",
2274     "resolved": "https://registry.npmjs.org/perfect-debounce/-/perfect-debounce-1.0.0.tgz",
2275     "integrity": "sha512-xCy9V055GLEqoFaHoC1SoLIaLmWctgCUaBaWxDZ7/Zx4CTyX7cJQLJ0ok/orfjZAh9kEYpjJa4d0KcJmCbctZA==",
2276     "dev": true,
2277     "license": "MIT"
2278   },
2279   "node_modules/picocolors": {
2280     "version": "1.1.1",
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2281     "resolved": "https://registry.npmjs.org/picocolors/-/picocolors-1.1.1.tgz",
2282     "integrity": "sha512-xceH2snhtb5M9liqDsmEw56le376mTZkEX/jEb/RxNFyegNul7eNsICXP9FDj/Lcu0X8KEyMceP2ntpaHrDEVA==",
2283     "license": "ISC"
2284   },
2285   "node_modules/picomatch": {
2286     "version": "4.0.2",
2287     "resolved": "https://registry.npmjs.org/picomatch/-/picomatch-4.0.2.tgz",
2288     "integrity": "sha512-M7BAV6Rlc5u+m6oPhAPFgJTzAioX/6B0DxyvDlo9l8+T3nLKbrczg2WLUyzd45L8RqfUMyGPzekbMvX2Ldkwg==",
2289     "dev": true,
2290     "license": "MIT",
2291     "engines": {
2292       "node": ">=12"
2293     },
2294     "funding": {
2295       "url": "https://github.com/sponsors/jonschlinkert"
2296     }
2297   },
2298   "node_modules/postcss": {
2299     "version": "8.5.3",
2300     "resolved": "https://registry.npmjs.org/postcss/-/postcss-8.5.3.tgz",
2301     "integrity": "sha512-dle9A3yYxlBSrt8Fu+IpjGT8SY8hN0mlaA6GY8t0P5PjI0ZemULz/E2Bnm/2dcU0ena750TNkHI76uZBNUUq3A==",
2302     "funding": [
2303       {
2304         "type": "opencollective",
2305         "url": "https://opencollective.com/postcss/"
2306       },
2307       {
2308         "type": "tidelift",
2309         "url": "https://tidelift.com/funding/github/npm/postcss"
2310       },
2311       {
2312         "type": "github",
2313         "url": "https://github.com/sponsors/ai"
2314       }
2315     ],
2316     "license": "MIT",
2317     "dependencies": {
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2318      "nanoid": "^3.3.8",
2319      "picocolors": "^1.1.1",
2320      "source-map-js": "^1.2.1"
2321    },
2322    "engines": {
2323      "node": "^10 || ^12 || >=14"
2324    }
2325  },
2326  "node_modules/pretty-ms": {
2327    "version": "9.2.0",
2328    "resolved": "https://registry.npmjs.org/pretty-ms/-/pretty-ms-9.2.0.tgz",
2329    "integrity": "sha512-4yf0Q0/sllf/lzbZWYnvWw3NxCQwLXKzIj0G849LSufP15BXKM0rbD2Z3wVnkMfjdjn/CB0Dpp444gYAAcdsplg==",
2330    "dev": true,
2331    "license": "MIT",
2332    "dependencies": {
2333      "parse-ms": "^4.0.0"
2334    },
2335    "engines": {
2336      "node": ">=18"
2337    },
2338    "funding": {
2339      "url": "https://github.com/sponsors/sindresorhus"
2340    }
2341  },
2342  "node_modules/rfdc": {
2343    "version": "1.4.1",
2344    "resolved": "https://registry.npmjs.org/rfdc/-/rfdc-1.4.1.tgz",
2345    "integrity": "sha512-q1b3N5QkRUWUl7iyllaaj3k0pIT0N2i9MqIEQXP73GVsN9cw3fdx8X63cEmWhJGi2PPCF23Ijp7ktmd39rawIA==",
2346    "dev": true,
2347    "license": "MIT"
2348  },
2349  "node_modules/rollup": {
2350    "version": "4.40.0",
2351    "resolved": "https://registry.npmjs.org/rollup/-/rollup-4.40.0.tgz",
2352    "integrity": "sha512-Noe455xmA96nnqH5piFtLobsGbCij7Tu+tb3c1vYjNbTkfzGqXqQXG3wJaYXkRZuQ0vEYN4bhwg7QnIrqB5B+w==",
2353    "dev": true,
2354    "license": "MIT",
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2355     "dependencies": {
2356       "@types/estree": "1.0.7"
2357     },
2358     "bin": {
2359       "rollup": "dist/bin/rollup"
2360     },
2361     "engines": {
2362       "node": ">=18.0.0",
2363       "npm": ">=8.0.0"
2364     },
2365     "optionalDependencies": {
2366       "@rollup/rollup-android-arm-eabi": "4.40.0",
2367       "@rollup/rollup-android-arm64": "4.40.0",
2368       "@rollup/rollup-darwin-arm64": "4.40.0",
2369       "@rollup/rollup-darwin-x64": "4.40.0",
2370       "@rollup/rollup-freebsd-arm64": "4.40.0",
2371       "@rollup/rollup-freebsd-x64": "4.40.0",
2372       "@rollup/rollup-linux-arm-gnueabihf": "4.40.0",
2373       "@rollup/rollup-linux-arm-musleabihf": "4.40.0",
2374       "@rollup/rollup-linux-arm64-gnu": "4.40.0",
2375       "@rollup/rollup-linux-arm64-musl": "4.40.0",
2376       "@rollup/rollup-linux-loongarch64-gnu": "4.40.0",
2377       "@rollup/rollup-linux-powerpc64le-gnu": "4.40.0",
2378       "@rollup/rollup-linux-riscv64-gnu": "4.40.0",
2379       "@rollup/rollup-linux-riscv64-musl": "4.40.0",
2380       "@rollup/rollup-linux-s390x-gnu": "4.40.0",
2381       "@rollup/rollup-linux-x64-gnu": "4.40.0",
2382       "@rollup/rollup-linux-x64-musl": "4.40.0",
2383       "@rollup/rollup-win32-arm64-msvc": "4.40.0",
2384       "@rollup/rollup-win32-ia32-msvc": "4.40.0",
2385       "@rollup/rollup-win32-x64-msvc": "4.40.0",
2386       "fsevents": "~2.3.2"
2387     }
2388   },
2389   "node_modules/run-applescript": {
2390     "version": "7.0.0",
2391     "resolved": "https://registry.npmjs.org/run-applescript/-/run-applescript-7.0.0.tgz",
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2392     "integrity": "sha512-9by4Ij99JUr/MCFBUkDKLWK3G9HVXmabKz9U5MlIAIuvuzki0icRYs8XJLxX+xahD+mLiiCYDqF9dKAgtzKP1A==" ,
2393     "dev": true,
2394     "license": "MIT",
2395     "engines": {
2396       "node": ">=18"
2397     },
2398     "funding": {
2399       "url": "https://github.com/sponsors/sindresorhus"
2400     }
2401   },
2402   "node_modules/semver": {
2403     "version": "6.3.1",
2404     "resolved": "https://registry.npmjs.org/semver/-/semver-6.3.1.tgz",
2405     "integrity": "sha512-BR7VvDCVH0+q2xBEWskxS6DJE1qRnb7DxzUrogb71CWoSficBxYsiAGd+Kl0mmq/MprG9yArRkyrQxT06XjMzA==",
2406     "dev": true,
2407     "license": "ISC",
2408     "bin": {
2409       "semver": "bin/semver.js"
2410     }
2411   },
2412   "node_modules/shebang-command": {
2413     "version": "2.0.0",
2414     "resolved": "https://registry.npmjs.org/shebang-command/-/shebang-command-2.0.0.tgz",
2415     "integrity": "sha512-kHxr2zZpYtdmrN1qDjrrX/Z1rR1kG8Dx+gkpK1G4eXmvXswmcE1hTWBWYUzlrgraYw1/yZp6YuDY77YtvbN0dmDA==",
2416     "dev": true,
2417     "license": "MIT",
2418     "dependencies": {
2419       "shebang-regex": "^3.0.0"
2420     },
2421     "engines": {
2422       "node": ">=8"
2423     }
2424   },
2425   "node_modules/shebang-regex": {
2426     "version": "3.0.0",
2427     "resolved": "https://registry.npmjs.org/shebang-regex/-/shebang-regex-3.0.0.tgz",
2428     "integrity": "sha512-7++dFhtcx3353uBaq8DDR4NuxBetBzC7ZQ0hmTQInHEd6bSrXdiEyzCvG07Z44UYdLShWUyXt5M/yhz8ekcb1A==" ,
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2429     "dev": true,
2430     "license": "MIT",
2431     "engines": {
2432       "node": ">=8"
2433     }
2434   },
2435   "node_modules/signal-exit": {
2436     "version": "4.1.0",
2437     "resolved": "https://registry.npmjs.org/signal-exit/-/signal-exit-4.1.0.tgz",
2438     "integrity": "sha512-bzyZ1e88w901iNJBKn0lvYTrWPDL4601bG0D3XInv+9tkPrxrN8jUUTiFlDKkmKwgn1M6CfIA13SuGq0a9Korw==",
2439     "dev": true,
2440     "license": "ISC",
2441     "engines": {
2442       "node": ">=14"
2443     },
2444     "funding": {
2445       "url": "https://github.com/sponsors/isaacs"
2446     }
2447   },
2448   "node_modules/sirv": {
2449     "version": "3.0.1",
2450     "resolved": "https://registry.npmjs.org/sirv/-/sirv-3.0.1.tgz",
2451     "integrity": "sha512-FoqMu0NCGBLCcAkS1qA+XJIQTR6/JHfQXl+uGteNCQ76T91DMUjPa9xfmeqMY3z80nLSg9yQmNjK0Px6RWsH/A==",
2452     "dev": true,
2453     "license": "MIT",
2454     "dependencies": {
2455       "@polka/url": "^1.0.0-next.24",
2456       "mrmime": "^2.0.0",
2457       "totalist": "^3.0.0"
2458     },
2459     "engines": {
2460       "node": ">=18"
2461     }
2462   },
2463   "node_modules/source-map-js": {
2464     "version": "1.2.1",
2465     "resolved": "https://registry.npmjs.org/source-map-js/-/source-map-js-1.2.1.tgz",
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2466 "integrity": "sha512-UXWMKhL0wVKb728IUtQPXxfYU+usdybtUrK/8uGE8CQMvrh0pwvzDBwj0QhSL7MQc7vIsISBG8VQ8+IDQxpfQA==" ,
2467 "license": "BSD-3-Clause",
2468 "engines": {
2469     "node": ">=0.10.0"
2470 }
2471 },
2472 "node_modules/speakingurl": {
2473     "version": "14.0.1",
2474     "resolved": "https://registry.npmjs.org/speakingurl/-/speakingurl-14.0.1.tgz",
2475     "integrity": "sha512-1P0Yv7uv2gXoyGFpBCmpDVSNV74IfsWldW216UPjbWufNf+bSU6GdbDsxdcxtfwb4xLI3yxz0TKClUosxARYrQ==",
2476     "dev": true,
2477     "license": "BSD-3-Clause",
2478     "engines": {
2479         "node": ">=0.10.0"
2480     }
2481 },
2482 "node_modules/strip-final-newline": {
2483     "version": "4.0.0",
2484     "resolved": "https://registry.npmjs.org/strip-final-newline/-/strip-final-newline-4.0.0.tgz",
2485     "integrity": "sha512-aulFJcD6YK8V1G7iRB5tigAP4TsHBZZr0V8pjV++zdUwmeV8uzbY7yn6h9MswN62adStNZFuCIx4haBnRuMDaw==",
2486     "dev": true,
2487     "license": "MIT",
2488     "engines": {
2489         "node": ">=18"
2490     },
2491     "funding": {
2492         "url": "https://github.com/sponsors/sindresorhus"
2493     }
2494 },
2495 "node_modules/superjson": {
2496     "version": "2.2.2",
2497     "resolved": "https://registry.npmjs.org/superjson/-/superjson-2.2.2.tgz",
2498     "integrity": "sha512-5JRxVqC8I8Nu0UjzBbvVJAKNM8qoVuH0077h4WInc/qC2q5IreqKxYwgkga3PfA220ayK2ikceb/B26dztPl+Q==",
2499     "dev": true,
2500     "license": "MIT",
2501     "dependencies": {
2502         "copy-anything": "^3.0.2"
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2503 },
2504   "engines": {
2505     "node": ">=16"
2506   }
2507 },
2508 "node_modules/totalist": {
2509   "version": "3.0.1",
2510   "resolved": "https://registry.npmjs.org/totalist/-/totalist-3.0.1.tgz",
2511   "integrity": "sha512-sf4i37nQ2LBx4m3wB74y+ubopq6W/dIzXg0FDGjsYnZHVa1Da8FH853wlL2gtUhg+xJXjf3kUZS3BRoQeoQBQ==",
2512   "dev": true,
2513   "license": "MIT",
2514   "engines": {
2515     "node": ">=6"
2516   }
2517 },
2518 "node_modules/unicorn-magic": {
2519   "version": "0.3.0",
2520   "resolved": "https://registry.npmjs.org/unicorn-magic/-/unicorn-magic-0.3.0.tgz",
2521   "integrity": "sha512-+QBBXBcvifc56fsbxZQ6Sic3wqqc3WWaqxs58gvJrc0uN83HGTcw3oS5phzU9LthRNE9VrJCFCLUgHeeFnfA==",
2522   "dev": true,
2523   "license": "MIT",
2524   "engines": {
2525     "node": ">=18"
2526   },
2527   "funding": {
2528     "url": "https://github.com/sponsors/sindresorhus"
2529   }
2530 },
2531 "node_modules/universalify": {
2532   "version": "2.0.1",
2533   "resolved": "https://registry.npmjs.org/universalify/-/universalify-2.0.1.tgz",
2534   "integrity": "sha512-gptHNQghINnc/vTGIk0S0FGFNxw7JVrlRUtConJRlvaw6DuX0w05Jeko9sWrMBhh+PsYAZ7oXAi0nf/UKogyiw==",
2535   "dev": true,
2536   "license": "MIT",
2537   "engines": {
2538     "node": ">= 10.0.0"
2539   }
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2540 },
2541 "node_modules/update-browserslist-db": {
2542     "version": "1.1.3",
2543     "resolved": "https://registry.npmjs.org/update-browserslist-db/-/update-browserslist-db-1.1.3.tgz",
2544     "integrity": "sha512-UxhIZQ+QInVdunkDAaiazvvT/+fXL50sr0JZlJulepYu6Jd7qJtDZjlur0emRlt71EN3ScPoE7gvsuIKKNavKw==",
2545     "dev": true,
2546     "funding": [
2547         {
2548             "type": "opencollective",
2549             "url": "https://opencollective.com/browserslist"
2550         },
2551         {
2552             "type": "tidelift",
2553             "url": "https://tidelift.com/funding/github/npm/browserslist"
2554         },
2555         {
2556             "type": "github",
2557             "url": "https://github.com/sponsors/ai"
2558         }
2559     ],
2560     "license": "MIT",
2561     "dependencies": {
2562         "escalade": "^3.2.0",
2563         "picocolors": "^1.1.1"
2564     },
2565     "bin": {
2566         "update-browserslist-db": "cli.js"
2567     },
2568     "peerDependencies": {
2569         "browserslist": ">= 4.21.0"
2570     }
2571 },
2572 "node_modules/vite": {
2573     "version": "6.2.6",
2574     "resolved": "https://registry.npmjs.org/vite/-/vite-6.2.6.tgz",
2575     "integrity": "sha512-9xpjNl3kR4rVDZgPNdTL0/c6ao4km69a/2ihNQbcANz8RuCOK3hQBmLSJf3bRKVQjVMda+YvizNE8AwvogcPbw==",
2576     "dev": true,
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2577     "license": "MIT",
2578     "dependencies": {
2579         "esbuild": "^0.25.0",
2580         "postcss": "^8.5.3",
2581         "rollup": "^4.30.1"
2582     },
2583     "bin": {
2584         "vite": "bin/vite.js"
2585     },
2586     "engines": {
2587         "node": "^18.0.0 || ^20.0.0 || >=22.0.0"
2588     },
2589     "funding": {
2590         "url": "https://github.com/vitejs/vite?sponsor=1"
2591     },
2592     "optionalDependencies": {
2593         "fsevents": "~2.3.3"
2594     },
2595     "peerDependencies": {
2596         "@types/node": "^18.0.0 || ^20.0.0 || >=22.0.0",
2597         "jiti": ">=1.21.0",
2598         "less": "*",
2599         "lightningcss": "^1.21.0",
2600         "sass": "*",
2601         "sass-embedded": "*",
2602         "stylus": "*",
2603         "sugarss": "*",
2604         "terser": "^5.16.0",
2605         "tsx": "^4.8.1",
2606         "yaml": "^2.4.2"
2607     },
2608     "peerDependenciesMeta": {
2609         "@types/node": {
2610             "optional": true
2611         },
2612         "jiti": {
2613             "optional": true
```

```
2614 },
2615 "less": {
2616     "optional": true
2617 },
2618 "lightningcss": {
2619     "optional": true
2620 },
2621 "sass": {
2622     "optional": true
2623 },
2624 "sass-embedded": {
2625     "optional": true
2626 },
2627 "stylus": {
2628     "optional": true
2629 },
2630 "sugarss": {
2631     "optional": true
2632 },
2633 "terser": {
2634     "optional": true
2635 },
2636 "tsx": {
2637     "optional": true
2638 },
2639 "yaml": {
2640     "optional": true
2641 }
2642 }
2643 },
2644 "node_modules/vite-hot-client": {
2645     "version": "0.2.4",
2646     "resolved": "https://registry.npmjs.org/vite-hot-client/-/vite-hot-client-0.2.4.tgz",
2647     "integrity": "sha512-a1nzURq07DDmnXqabF0liz908FRmIppkBKsJthS8rbe8hBEXwEwe4C3Pp33Z1JoFCYfVL4KT0MLKk0ZZxREIeA==",
2648     "dev": true,
2649     "license": "MIT",
2650     "funding": {
```

```
2651     "url": "https://github.com/sponsors/antfu"
2652   },
2653   "peerDependencies": {
2654     "vite": "^2.6.0 || ^3.0.0 || ^4.0.0 || ^5.0.0-0 || ^6.0.0-0"
2655   }
2656 },
2657 "node_modules/vite-plugin-inspect": {
2658   "version": "0.8.9",
2659   "resolved": "https://registry.npmjs.org/vite-plugin-inspect/-/vite-plugin-inspect-0.8.9.tgz",
2660   "integrity": "sha512-22/8qn+LYonzibb1VeFZmISdVao5kC22jmEKm24vffE8siEn47EpVcCLYMv6iK0YMJfjSvSJfue0wcFCkUnV3A==",
2661   "dev": true,
2662   "license": "MIT",
2663   "dependencies": {
2664     "@antfu/utils": "^0.7.10",
2665     "@rollup/pluginutils": "^5.1.3",
2666     "debug": "^4.3.7",
2667     "error-stack-parser-es": "^0.1.5",
2668     "fs-extra": "^11.2.0",
2669     "open": "^10.1.0",
2670     "perfect-debounce": "^1.0.0",
2671     "picocolors": "^1.1.1",
2672     "sirv": "^3.0.0"
2673   },
2674   "engines": {
2675     "node": ">=14"
2676   },
2677   "funding": {
2678     "url": "https://github.com/sponsors/antfu"
2679   },
2680   "peerDependencies": {
2681     "vite": "^3.1.0 || ^4.0.0 || ^5.0.0-0 || ^6.0.1"
2682   },
2683   "peerDependenciesMeta": {
2684     "@nuxt/kit": {
2685       "optional": true
2686     }
2687   }
}
```

```
2688 },
2689 "node_modules/vite-plugin-vue-devtools": {
2690     "version": "7.7.2",
2691     "resolved": "https://registry.npmjs.org/vite-plugin-vue-devtools/-/vite-plugin-vue-devtools-7.7.2.tgz",
2692     "integrity": "sha512-5V0UiJQWiSBj32blkPEqIbzC6H09c1bwnBhx+ay2dzU0FakH+qMdNUT8nF9BvDE+i6I1U8CqCuJi020vKEdQw==",
2693     "dev": true,
2694     "license": "MIT",
2695     "dependencies": {
2696         "@vue/devtools-core": "^7.7.2",
2697         "@vue/devtools-kit": "^7.7.2",
2698         "@vue/devtools-shared": "^7.7.2",
2699         "execa": "^9.5.1",
2700         "sirv": "^3.0.0",
2701         "vite-plugin-inspect": "0.8.9",
2702         "vite-plugin-vue-inspector": "^5.3.1"
2703     },
2704     "engines": {
2705         "node": ">=v14.21.3"
2706     },
2707     "peerDependencies": {
2708         "vite": "^3.1.0 || ^4.0.0-0 || ^5.0.0-0 || ^6.0.0-0"
2709     }
2710 },
2711 "node_modules/vite-plugin-vue-inspector": {
2712     "version": "5.3.1",
2713     "resolved": "https://registry.npmjs.org/vite-plugin-vue-inspector/-/vite-plugin-vue-inspector-5.3.1.tgz",
2714     "integrity": "sha512-cBk172kZKTdvGpJuzCCLg8lJ909wopwsu3Ve9FsL1XsnLBiRT9U3MePcqrgGHgCX2ZgkqZmAGR8taxw+TV6s7A==",
2715     "dev": true,
2716     "license": "MIT",
2717     "dependencies": {
2718         "@babel/core": "^7.23.0",
2719         "@babel/plugin-proposal-decorators": "^7.23.0",
2720         "@babel/plugin-syntax-import-attributes": "^7.22.5",
2721         "@babel/plugin-syntax-import-meta": "^7.10.4",
2722         "@babel/plugin-transform-typescript": "^7.22.15",
2723         "@vue/babel-plugin-jsx": "^1.1.5",
2724         "@vue/compiler-dom": "^3.3.4",
```

```
2725     "kolorist": "^1.8.0",
2726     "magic-string": "^0.30.4"
2727   },
2728   "peerDependencies": {
2729     "vite": "^3.0.0-0 || ^4.0.0-0 || ^5.0.0-0 || ^6.0.0-0"
2730   }
2731 },
2732 "node_modules/vue": {
2733   "version": "3.5.13",
2734   "resolved": "https://registry.npmjs.org/vue/-/vue-3.5.13.tgz",
2735   "integrity": "sha512-wmeiSMxkZCSc+PM2w2VRs0YAZC8GdipNFRTsLSfodVqI9mbejKeXEGr8SckuLnrQPGe3oJN5c3K0vpoU9q/wCQ==",
2736   "license": "MIT",
2737   "dependencies": {
2738     "@vue/compiler-dom": "3.5.13",
2739     "@vue/compiler-sfc": "3.5.13",
2740     "@vue/runtime-dom": "3.5.13",
2741     "@vue/server-renderer": "3.5.13",
2742     "@vue/shared": "3.5.13"
2743   },
2744   "peerDependencies": {
2745     "typescript": "*"
2746   },
2747   "peerDependenciesMeta": {
2748     "typescript": {
2749       "optional": true
2750     }
2751   }
2752 },
2753 "node_modules/vue-router": {
2754   "version": "4.5.0",
2755   "resolved": "https://registry.npmjs.org/vue-router/-/vue-router-4.5.0.tgz",
2756   "integrity": "sha512-HDuk+PuH5monfNuY+ct49mNmkCRK4xJAV9Ts4z9UFc4rzdDnxQLyCMGGc8pKhZhHTVzfanpNwB/lwqevcBwI4w==",
2757   "license": "MIT",
2758   "dependencies": {
2759     "@vue/devtools-api": "^6.6.4"
2760   },
2761   "funding": {
```

```
2762     "url": "https://github.com/sponsors/posva"
2763   },
2764   "peerDependencies": {
2765     "vue": "^3.2.0"
2766   }
2767 },
2768 "node_modules/which": {
2769   "version": "2.0.2",
2770   "resolved": "https://registry.npmjs.org/which/-/which-2.0.2.tgz",
2771   "integrity": "sha512-BLI3Tl1TW3Pvl70l3yq3Y64i+awpwXqsGBYWkkqMtnbXgrMD+yj7rhW0kuEDxzJaYXGjEW5ogapKNMEKNMjibA==",
2772   "dev": true,
2773   "license": "ISC",
2774   "dependencies": {
2775     "isexe": "^2.0.0"
2776   },
2777   "bin": {
2778     "node-which": "bin/node-which"
2779   },
2780   "engines": {
2781     "node": ">= 8"
2782   }
2783 },
2784 "node_modules/yallist": {
2785   "version": "3.1.1",
2786   "resolved": "https://registry.npmjs.org/yallist/-/yallist-3.1.1.tgz",
2787   "integrity": "sha512-a4UGQaWPH59m0XUYnAG2ewncQS4i4F43Tv3JoAM+s2VDAmS9NsK8GpDMLrCHPkFT7h3K6T0oUNn2pb7RoXx4g==",
2788   "dev": true,
2789   "license": "ISC"
2790 },
2791 "node_modules/yoctocolors": {
2792   "version": "2.1.1",
2793   "resolved": "https://registry.npmjs.org/yoctocolors/-/yoctocolors-2.1.1.tgz",
2794   "integrity": "sha512-GQHQqaOpRhU8Kt1DDM8NjibDXHC8eoH1erhGAJPEyveY9qqVeXvVikNKrDz69sHowPMorbPURH/mx8c50eiBQ==",
2795   "dev": true,
2796   "license": "MIT",
2797   "engines": {
2798     "node": ">=18"
```

```
2799     },
2800     "funding": {
2801       "url": "https://github.com/sponsors/sindresorhus"
2802     }
2803   }
2804 }
2805 }
2806 }
```

src/composables/useGeolocation.js

```
1 import { ref } from 'vue';
2
3 // --- Configurações ---
4 // Coordenadas aproximadas do ponto de referência no Campus UFC Russas (Ex: Centro)
5 // !!! SUBSTITUIR PELAS COORDENADAS REAIS DO SEU PONTO DE REFERÊNCIA !!!
6 const campusReferenceCoordinates = {
7   latitude: -4.9438, // Exemplo - Latitude do ponto de referência (0,0 no mapa %)
8   longitude: -37.9553, // Exemplo - Longitude do ponto de referência (0,0 no mapa %)
9 };
10
11 // Dimensões em metros (aproximadas) cobertas pelo mapa a partir do ponto de referência
12 // !!! AJUSTAR COM BASE NO SEU MAPA E PONTO DE REFERÊNCIA !!!
13 // Se o ponto de referência é (0,0), estas são as distâncias máximas X e Y visíveis no mapa.
14 // Se o ponto de referência é o centro (50,50), ajuste a lógica de conversão.
15 // Vamos assumir que (0,0) no mapa % corresponde a campusReferenceCoordinates
16 const campusDimensions = {
17   widthMeters: 500, // Largura total coberta pelo mapa em metros
18   heightMeters: 350, // Altura total coberta pelo mapa em metros
19 };
20 // --- Fim Configurações ---
21
22
23 export function useGeolocation() {
24   const userPosition = ref(null); // Posição no mapa { x: number, y: number }
25   const geolocationError = ref(null);
26   const isGettingLocation = ref(false);
27
28   /**
29    * Converte coordenadas geográficas (lat/lng) para coordenadas percentuais no mapa.
30    * Assume que campusReferenceCoordinates corresponde ao canto superior esquerdo (0%, 0%) do mapa.
31    */
32   const convertGeoToMapCoordinates = (lat, lng) => {
33     // Fatores de conversão (aproximados)
34     const metersPerLatDegree = 111320;
```

```
35 const metersPerLngDegree = 111320 * Math.cos((campusReferenceCoordinates.latitude * Math.PI) / 180);
36
37 // Calcula a diferença em metros da referência
38 const latDiff = lat - campusReferenceCoordinates.latitude;
39 const lngDiff = lng - campusReferenceCoordinates.longitude;
40
41 // Distância em metros (Y cresce para baixo em geo, para cima em lat)
42 const distanceY = -latDiff * metersPerLatDegree; // Invertido
43 const distanceX = lngDiff * metersPerLngDegree;
44
45 // Converte para porcentagem (0-100)
46 let x = (distanceX / campusDimensions.widthMeters) * 100;
47 let y = (distanceY / campusDimensions.heightMeters) * 100;
48
49 // Limita os valores entre 0 e 100%
50 x = Math.max(0, Math.min(100, x));
51 y = Math.max(0, Math.min(100, y));
52
53 console.log(`Geo (${lat.toFixed(5)}, ${lng.toFixed(5)}) -> Map (${x.toFixed(2)}%, ${y.toFixed(2)}%)`);
54 return { x, y };
55};
56
57 /**
58 * Tenta obter a localização geográfica do usuário e convertê-la para o mapa.
59 */
60 const getUserLocationAuto = () => {
61   if (!navigator.geolocation) {
62     geolocationError.value = "Geolocalização não é suportada por este navegador.";
63     userPosition.value = null; // Garante que não há posição antiga
64     return;
65   }
66
67   isGettingLocation.value = true;
68   geolocationError.value = "Obtendo sua localização...";
69   userPosition.value = null; // Limpa posição anterior enquanto busca
70
71   navigator.geolocation.getCurrentPosition(
```

```
72  (position) => {
73    const userLat = position.coords.latitude;
74    const userLng = position.coords.longitude;
75    console.log(`Localização geográfica recebida: ${userLat}, ${userLng}`);
76
77    userPosition.value = convertGeoToMapCoordinates(userLat, userLng);
78    geolocationError.value = null; // Limpa erro/mensagem
79    isGettingLocation.value = false;
80  },
81  (err) => {
82    console.error("Erro ao obter geolocalização:", err);
83    switch (err.code) {
84      case err.PERMISSION_DENIED:
85        geolocationError.value = "Permissão de localização negada.";
86        break;
87      case err.POSITION_UNAVAILABLE:
88        geolocationError.value = "Informação de localização indisponível.";
89        break;
90      case err.TIMEOUT:
91        geolocationError.value = "Tempo esgotado ao buscar localização.";
92        break;
93      default:
94        geolocationError.value = "Erro desconhecido ao obter localização.";
95        break;
96    }
97    // Definir posição manual pode ser uma alternativa aqui
98    // error.value += " Você pode definir sua localização manualmente clicando no mapa.";
99    userPosition.value = null; // Garante que não usa posição inválida
100   isGettingLocation.value = false;
101 },
102 {
103   enableHighAccuracy: true, // Tenta obter a localização mais precisa
104   timeout: 10000, // Tempo máximo para obter (10 segundos)
105   maximumAge: 0, // Força obter uma nova localização (não usa cache)
106 }
107 );
108 };
```

```
109
110 /**
111 * Define a posição do usuário manualmente com base em um clique no mapa.
112 * @param {number} clickXPercent - Coordenada X do clique em porcentagem (0-100).
113 * @param {number} clickYPercent - Coordenada Y do clique em porcentagem (0-100).
114 */
115 const setUserLocationManually = (clickXPercent, clickYPercent) => {
116     const finalX = Math.max(0, Math.min(100, clickXPercent));
117     const finalY = Math.max(0, Math.min(100, clickYPercent));
118     userPosition.value = { x: finalX, y: finalY };
119     geolocationError.value = null; // Limpa qualquer erro anterior
120     console.log(`Localização definida manualmente: X: ${finalX.toFixed(2)}%, Y: ${finalY.toFixed(2)}%`);
121 }
122
123
124 return {
125     userPosition,          // ref({x, y} | null)
126     geolocationError,      // ref(string | null)
127     isGettingLocation,     // ref(boolean)
128     getUserLocationAuto,   // function
129     setUserLocationManually // function (xPerc, yPerc)
130 };
131 }
```

src/composables/useMapInteraction.js

```
1 import { ref } from 'vue';
2
3 export function useMapInteraction(initialScale = 1, minScale = 0.5, maxScale = 3, zoomStep = 1.2) {
4     const mapScale = ref(initialScale);
5     const popupInfo = ref({ visible: false, x: 0, y: 0, text: "" });
6     const settingUserLocationMode = ref(false); // Novo estado para modo de definição manual
7
8     const zoomIn = () => {
9         mapScale.value = Math.min(mapScale.value * zoomStep, maxScale);
10    };
11
12    const zoomOut = () => {
13        mapScale.value = Math.max(mapScale.value / zoomStep, minScale);
14    };
15
16    const showPopup = (local) => {
17        if (local && typeof local.x === 'number' && typeof local.y === 'number') {
18            popupInfo.value = { visible: true, x: local.x, y: local.y, text: local.nome };
19        } else {
20            console.warn("Tentativa de mostrar popup para local inválido:", local);
21            popupInfo.value = { visible: false, x: 0, y: 0, text: "" };
22        }
23    };
24
25
26    const hidePopup = () => {
27        popupInfo.value.visible = false;
28    };
29
30 /**
31  * Processa um clique no mapa. Pode fechar menu, definir localização manual, etc.
32  * @param {MouseEvent} event - O evento de clique.
33  * @param {Object} mapRect - O BoundingClientRect do elemento .map-image.
34  * @param {Function} callbackSetLocation - Função para chamar ao definir localização manual.
```

```
35 * @param {Function} callbackCloseMenu - Função para chamar se precisar fechar o menu.
36 */
37 const handleMapClick = (event, mapRect, callbackSetLocation, callbackCloseMenu) => {
38     // 1. Tenta fechar o menu se clicar fora dele
39     // (A lógica de checar se o menu está aberto e se o clique foi fora dele
40     // deve residir no componente App.vue ou onde o estado 'isMenuOpen' vive)
41     if (callbackCloseMenu) {
42         callbackCloseMenu(); // App.vue decide se fecha ou não
43     }
44
45
46     // 2. Se estiver no modo de definir localização manual
47     if (settingUserLocationMode.value) {
48         if (!mapRect) {
49             console.error("Map rect não disponível para calcular clique.");
50             settingUserLocationMode.value = false; // Sai do modo
51             return;
52         }
53
54         // Calcula coordenadas do clique relativas ao elemento da imagem do mapa
55         const clickXRelative = event.clientX - mapRect.left;
56         const clickYRelative = event.clientY - mapRect.top;
57
58         // Converte coordenadas do clique para coordenadas relativas à imagem *não escalada*
59         // Precisamos considerar a origem da transformação (centro) e a escala
60         const originX = mapRect.width / 2;
61         const originY = mapRect.height / 2;
62         const scale = mapScale.value;
63
64         // Posição na imagem como se não houvesse escala (em pixels, relativa ao canto sup esq)
65         const imageX = (clickXRelative - originX) / scale + originX;
66         const imageY = (clickYRelative - originY) / scale + originY;
67
68         // Converte para porcentagem (0-100) relativa à dimensão da imagem
69         const xPercent = (imageX / mapRect.width) * 100;
70         const yPercent = (imageY / mapRect.height) * 100;
71 }
```

```
72
73     // Chama a função de callback para efetivamente definir a localização
74     if (callbackSetLocation) {
75         // Passa as coordenadas calculadas em %
76         callbackSetLocation(xPercent, yPercent);
77     }
78
79     settingUserLocationMode.value = false; // Sai do modo após definir
80 }
81 // 3. Lógica adicional de clique no mapa (ex: deselecionar local?) pode ser adicionada aqui
82 };
83
84
85 /** Ativa o modo de definir localização manual */
86 const enableSetUserLocationMode = () => {
87     settingUserLocationMode.value = true;
88 };
89
90
91 return {
92     mapScale,           // ref(number)
93     popupInfo,          // ref({ visible, x, y, text })
94     settingUserLocationMode, // ref(boolean) - Indica se está esperando clique para definir local
95
96     zoomIn,             // function
97     zoomOut,            // function
98     showPopup,           // function(local)
99     hidePopup,           // function()
100    handleMapClick,        // function(event, mapRect, callbackSetLocation, callbackCloseMenu)
101    enableSetUserLocationMode, // function()
102 };
103 }
```

src/composables/useMapRouting.js

```
1 import { ref, watch } from 'vue';
2 import { getWaypoints } from '@/services/LocationService'; // Use @ para alias de src/
3
4 export function useMapRouting(userPosition, selectedLocal, currentFloor, mapScale, mapDimensions) {
5   const routeSegments = ref([]); // Array de { x, y, length, angle }
6   const hasRoute = ref(false);
7   const debugWaypoints = ref([]); // Para visualizar waypoints no mapa
8   const routingError = ref(null);
9
10  const waypoints = getWaypoints();
11  const waypointMap = {};
12  waypoints.forEach(wp => { waypointMap[wp.id] = wp; });
13
14  // --- Funções Auxiliares Internas ---
15
16  /** Encontra o waypoint mais próximo de um ponto (x, y) em um andar específico */
17  const findNearestWaypoint = (x, y, andar) => {
18    let nearest = null;
19    let minDistanceSq = Infinity; // Comparar quadrados evita raiz quadrada
20
21    for (const waypoint of waypoints) {
22      if (waypoint.andar !== andar) continue;
23      const dx = waypoint.x - x;
24      const dy = waypoint.y - y;
25      const distanceSq = dx * dx + dy * dy;
26
27      if (distanceSq < minDistanceSq) {
28        minDistanceSq = distanceSq;
29        nearest = waypoint;
30      }
31    }
32    return nearest;
33  };
34}
```

```
35  /** Algoritmo de Dijkstra para encontrar o caminho mais curto entre waypoints */
36  const findShortestPath = (startId, endId) => {
37      const distances = {};
38      const previous = {};
39      const unvisited = new Set();
40
41      // Inicialização
42      waypoints.forEach(wp => {
43          // Considera apenas waypoints do andar atual ou pontos de conexão entre andares
44          // A lógica de Dijkstra precisa ser adaptada para multi-andares se necessário
45          // Por ora, focamos em rotas no mesmo andar.
46          if (wp.andar === currentFloor.value) {
47              distances[wp.id] = wp.id === startId ? 0 : Infinity;
48              previous[wp.id] = null;
49              unvisited.add(wp.id);
50          } else {
51              // Inicializa distâncias para outros andares como infinito,
52              // a menos que seja um ponto de conexão direto.
53              // Lógica mais complexa necessária para rotas multi-andar completas.
54              distances[wp.id] = Infinity;
55              previous[wp.id] = null;
56          }
57      });
58
59
60      // Garante que o ponto de partida esteja no conjunto, mesmo que seja ponto de conexão
61      if(waypointMap[startId]){
62          distances[startId] = 0;
63          unvisited.add(startId);
64      } else {
65          console.error("Waypoint inicial não encontrado:", startId);
66          return null; // Ponto de partida inválido
67      }
68
69      // Garante que o ponto final exista no mapa de waypoints
70      if(!waypointMap[endId]){
71          console.error("Waypoint final não encontrado:", endId);
```

```
72     return null;
73 }
74
75
76 while (unvisited.size > 0) {
77     // Encontrar nó não visitado com menor distância
78     let currentId = null;
79     let smallestDistance = Infinity;
80     for (const nodeId of unvisited) {
81         if (distances[nodeId] < smallestDistance) {
82             smallestDistance = distances[nodeId];
83             currentId = nodeId;
84         }
85     }
86
87     // Se não encontrou (inalcançável) ou chegou ao destino
88     if (currentId === null || currentId === endId) break;
89
90     unvisited.delete(currentId);
91     const currentWaypoint = waypointMap[currentId];
92
93     // Se currentWaypoint for indefinido, algo está errado
94     if (!currentWaypoint) {
95         console.error("Waypoint atual inválido no Dijkstra:", currentId);
96         continue; // Pula para a próxima iteração
97     }
98
99
100    // Iterar sobre vizinhos (conexões)
101    if (currentWaypoint.connections) {
102        for (const neighborId of currentWaypoint.connections) {
103            const neighbor = waypointMap[neighborId];
104
105            // Pula se o vizinho não existe ou não está no andar (simplificação para rota no mesmo andar)
106            if (!neighbor || neighbor.andar !== currentFloor.value) continue;
107
108            // Calcula distância euclidiana entre waypoints
```

```
109     const dx = currentWaypoint.x - neighbor.x;
110     const dy = currentWaypoint.y - neighbor.y;
111     const distance = Math.sqrt(dx * dx + dy * dy); // Distância percentual
112
113     const totalDistance = distances[currentId] + distance;
114
115     if (totalDistance < distances[neighborId]) {
116         distances[neighborId] = totalDistance;
117         previous[neighborId] = currentId;
118     }
119 }
120 } else {
121     console.warn(`Waypoint ${currentId} não possui conexões definidas.`);
122 }
123
124 } // Fim do while
125
126 // Reconstruir caminho
127 const path = [];
128 let current = endId;
129 // Verifica se o destino foi alcançado (previous[endId] não será null se um caminho foi encontrado)
130 // Ou se o início e fim são o mesmo waypoint
131 if (previous[endId] !== undefined || startId === endId) {
132     while (current !== null && current !== undefined) {
133         // Adiciona ao início do array
134         if(waypointMap[current]){
135             path.unshift(waypointMap[current]);
136         } else {
137             console.error("Waypoint inválido durante reconstrução do caminho:", current);
138             break; // Interrompe se encontrar waypoint inválido
139         }
140         // Verifica se existe um nó anterior antes de acessá-lo
141         if (previous[current] !== undefined) {
142             current = previous[current];
143         } else {
144             // Chegou ao início ou houve um erro
145             break;
```

```
146      }
147    }
148  }
149
150
151 // Retorna o caminho se ele começar no waypoint inicial esperado, senão retorna null
152 return path.length > 0 && path[0].id === startId ? path : null;
153 };
154
155 /** Cria um segmento de rota (linha) entre dois pontos */
156 const createRouteSegment = (x1, y1, x2, y2) => {
157   // Precisa das dimensões do mapa em pixels para calcular length/angle corretamente
158   const baseWidth = mapDimensions.value?.width || 1; // Evita divisão por zero
159   const baseHeight = mapDimensions.value?.height || 1;
160
161   const dxPercent = x2 - x1;
162   const dyPercent = y2 - y1;
163
164   // Converte delta percentual para delta em pixels
165   const pixelDx = (dxPercent / 100) * baseWidth;
166   const pixelDy = (dyPercent / 100) * baseHeight;
167
168   // Calcula comprimento em pixels e ângulo
169   // O comprimento precisa considerar a escala atual do mapa
170   const length = Math.sqrt(pixelDx * pixelDx + pixelDy * pixelDy); // * mapScale.value; // O scale é aplicado no
CSS/transform
171   const angle = Math.atan2(pixelDy, pixelDx) * (180 / Math.PI);
172
173   routeSegments.value.push({
174     x: x1,          // Posição X inicial do segmento (%)
175     y: y1,          // Posição Y inicial do segmento (%)
176     length: length, // Comprimento do segmento em pixels (sem escala)
177     angle: angle,   // Ângulo do segmento em graus
178   });
179 };
180
181 /** Cria uma rota como uma linha reta simples (fallback) */
```

```
182 const createSimpleRouteLine = (startPos, endPos) => {
183     routeSegments.value = []; // Limpa segmentos anteriores
184     if (!startPos || !endPos) {
185         hasRoute.value = false;
186         return;
187     }
188     createRouteSegment(startPos.x, startPos.y, endPos.x, endPos.y);
189     hasRoute.value = routeSegments.value.length > 0;
190     routingError.value = "Não foi possível calcular a rota detalhada. Mostrando linha reta."; // Informa o fallback
191 };
192
193
194 // --- Função Principal de Criação de Rota ---
195
196 const calculateRoute = () => {
197     routeSegments.value = [] // Limpa rota anterior
198     hasRoute.value = false;
199     routingError.value = null;
200     debugWaypoints.value = [] // Limpa waypoints de debug
201
202     const startPos = userPosition.value;
203     const endLocal = selectedLocal.value;
204
205     // Condições para calcular a rota
206     if (!startPos || !endLocal || endLocal.andar !== currentFloor.value) {
207         return; // Sai se não houver usuário, destino ou se estiverem em andares diferentes
208     }
209
210     // 1. Encontrar waypoints mais próximos
211     const startWaypoint = findNearestWaypoint(startPos.x, startPos.y, currentFloor.value);
212     const endWaypoint = findNearestWaypoint(endLocal.x, endLocal.y, currentFloor.value);
213
214     if (!startWaypoint || !endWaypoint) {
215         console.warn("Não foi possível encontrar waypoints próximos para o início ou fim. Usando linha reta.");
216         routingError.value = "Waypoints próximos não encontrados.";
217         createSimpleRouteLine(startPos, endLocal);
218         return;
```

```
219 }
220
221 // Adiciona waypoints de início e fim para depuração visual
222 debugWaypoints.value.push({ id: 'debug_start_wp', ...startWaypoint });
223 debugWaypoints.value.push({ id: 'debug_end_wp', ...endWaypoint });
224
225
226 // 2. Encontrar caminho mais curto entre waypoints
227 let path = null;
228 if (startWaypoint.id === endWaypoint.id) {
229     // Se o waypoint mais próximo for o mesmo, a rota é direta
230     path = [startWaypoint]; // Caminho contém apenas um waypoint
231 } else {
232     path = findShortestPath(startWaypoint.id, endWaypoint.id);
233 }
234
235
236 if (!path || path.length === 0) {
237     console.warn(`Não foi possível encontrar um caminho entre ${startWaypoint.id} e ${endWaypoint.id}. Usando linha
238 reta.`);
239     routingError.value = "Não foi possível calcular a rota entre os pontos.";
240     createSimpleRouteLine(startPos, endLocal);
241     return;
242 }
243
244 // Adiciona os waypoints do caminho para depuração visual
245 path.forEach(wp => debugWaypoints.value.push({ id: `debug_path_${wp.id}` , ...wp }));
246
247
248 // 3. Criar segmentos da rota
249 // Segmento: Usuário -> Primeiro Waypoint do Caminho
250 createRouteSegment(startPos.x, startPos.y, path[0].x, path[0].y);
251
252 // Segmentos: Entre Waypoints do Caminho
253 for (let i = 0; i < path.length - 1; i++) {
254     createRouteSegment(path[i].x, path[i].y, path[i + 1].x, path[i + 1].y);
255 }
```

```
255
256 // Segmento: Último Waypoint do Caminho -> Destino Final (Local)
257 createRouteSegment(path[path.length - 1].x, path[path.length - 1].y, endLocal.x, endLocal.y);
258
259 hasRoute.value = routeSegments.value.length > 0;
260 if(!hasRoute.value) {
261     routingError.value = "Falha ao gerar segmentos da rota.";
262 }
263 };
264
265 // --- Observador ---
266 // Recalcula a rota quando a posição do usuário, o local selecionado ou o andar mudam
267 watch(
268     [userPosition, selectedLocal, currentFloor, mapDimensions], // mapScale afeta apenas a exibição, não o cálculo
269     calculateRoute,
270     { deep: true, immediate: false } // `immediate: false` para esperar dados iniciais
271                         // `deep: true` para observar mudanças dentro de userPosition/selectedLocal
272 );
273
274 // --- Retorno ---
275 return {
276     routeSegments, // ref(Array)
277     hasRoute,      // ref(boolean)
278     debugWaypoints, // ref(Array) - Para visualizar no mapa
279     routingError, // ref(string | null)
280     calculateRoute, // function - Pode ser chamada manualmente se necessário
281 };
282 }
```

```
1 import { fileURLToPath, URL } from 'node:url'
2
3 import { defineConfig } from 'vite'
4 import vue from '@vitejs/plugin-vue'
5 import vueDevTools from 'vite-plugin-vue-devtools'
6
7 // https://vite.dev/config/
8 export default defineConfig({
9   plugins: [
10     vue(),
11     vueDevTools(),
12   ],
13   resolve: {
14     alias: {
15       '@': fileURLToPath(new URL('./src', import.meta.url))
16     },
17   },
18 })
```