

# BACKEND TIENDA DE MASCOTAS

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FACULTAD DE INGENIERIA DE SISTEMAS

ACTUALIZACIÓN EN NUEVAS TECNOLOGÍAS PARA EL DESARROLLO DE  
SOFTWARE

PASTO -NARIÑO

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PRESENTADO A: VICENTE AUX REVELO

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## 1. Creación de componentes, uso de Props, Referencias, Emit.

```

HelloWorld.vue

<template>
  <v-container>
    <v-row class="text-center">
      <v-col cols="12">
        <v-img
          :src="require('../assets/logo.svg')"
          class="my-3"
          contain
          height="200"
        />
      </v-col>
      <v-col class="mb-4">
        <h1 class="display-2 font-weight-bold mb-3">
          Welcome to the Vuetify 3 Beta
        </h1>
        <p class="subheading font-weight-regular">
          For help and collaboration with other Vuetify developers,
          <br />please join our online
          <a href="https://community.vuetifyjs.com" target="_blank">
            >Discord Community</a>
        </p>
      </v-col>
      <v-col class="mb-5" cols="12">
        <h2 class="headline font-weight-bold mb-5">What's next?</h2>
        <v-row justify="center">
          <a
            v-for="(next, i) in whatsNext"
            :key="i"
            :href="next.href"
            class="subheading mx-3"
            target="_blank"
          >
            {{ next.text }}
          </a>
        </v-row>
      </v-col>
      <v-col class="mb-5" cols="12">
        <h2 class="headline font-weight-bold mb-5">Important Links</h2>
        <v-row justify="center">
          <a
            v-for="(link, i) in importantLinks"
            :key="i"
            :href="link.href"
            class="subheading mx-3"
            target="_blank"
          >
            {{ link.text }}
          </a>
        </v-row>
      </v-col>
      <v-col class="mb-5" cols="12">
        <h2 class="headline font-weight-bold mb-5">Ecosystem</h2>
        <v-row justify="center">
          <a
            v-for="(eco, i) in ecosystem"
            :key="i"
            :href="eco.href"
            class="subheading mx-3"
            target="_blank"
          >
            {{ eco.text }}
          </a>
        </v-row>
      </v-col>
    </v-row>
  </v-container>
</template>

```

## HelloWorld.vue

```
<script>
export default {
  name: "HelloWorld",

  data: () => ({
    ecosystem: [
      {
        text: "vuetify-loader",
        href: "https://github.com/vuetifyjs/vuetify-loader/tree/next",
      },
      {
        text: "github",
        href: "https://github.com/vuetifyjs/vuetify/tree/next",
      },
      {
        text: "awesome-vuetify",
        href: "https://github.com/vuetifyjs/awesome-vuetify",
      },
    ],
    importantLinks: [
      {
        text: "Chat",
        href: "https://community.vuetifyjs.com",
      },
      {
        text: "Made with Vuetify",
        href: "https://madewithvuejs.com/vuetify",
      },
      {
        text: "Twitter",
        href: "https://twitter.com/vuetifyjs",
      },
      {
        text: "Articles",
        href: "https://medium.com/vuetify",
      },
    ],
    whatsNext: [
      {
        text: "Explore components",
        href: "https://vuetifyjs.com",
      },
      {
        text: "Roadmap",
        href: "https://vuetifyjs.com/introduction/roadmap/",
      },
      {
        text: "Frequently Asked Questions",
        href: "https://vuetifyjs.com/getting-started/frequently-asked-questions",
      },
    ],
  }),
};
</script>
```

#### DetalleMascota.vue

```
<template>
  <v-container>
    <v-card class="detalle-mascota-card">
      <v-card-title> {{ `Hola! me llamo ${nombre}` }} </v-card-title>
      <v-card-text> {{ descripcion }} </v-card-text>
      <v-card-actions>
        <router-link to="/mascotas">
          <v-btn> Volver </v-btn>
        </router-link>
        <router-link :to="`/solicitud/${id}`">
          <v-btn> Adoptar </v-btn>
        </router-link>
      </v-card-actions>
    </v-card>
  </v-container>
</template>

<script>
import { defineComponent } from "vue";
export default defineComponent({
  name: "DetalleMascota",
  props: {
    nombre: { type: String },
    descripcion: { type: String },
    id: { type: Number, required: true },
  },
  components: {},
});
</script>

<style scoped>
.detalle-mascota-card {
  background-color: #a7c4bc;
}
</style>
```

# FormularioSolicitud.vue

```

<template>
  <v-container>
    <v-card rounded elevation="3" class="formulario-solicitud-mascota">
      <v-card-title> Formulario de solicitud de adopcion </v-card-title>
      <v-card-text>
        <v-form ref="form" v-model="valid" lazy-validation>
          <v-text-field
            v-model="name"
            variant="outlined"
            :counter="10"
            :rules="nameRules"
            label="Nombre"
            required
          />

          <v-text-field
            v-model="email"
            variant="outlined"
            :rules="emailRules"
            label="E-mail"
            required
          />

          <v-text-field
            v-model="phone"
            variant="outlined"
            label="Telefono"
            required
          />

          <v-checkbox
            v-model="checkbox"
            :rules="[(v) => !!v || 'Debes estar seguro para continuar']"
            label="Esta seguro de adoptar una mascota?"
            required
          ></v-checkbox>

          <v-btn
            :disabled="!valid"
            class="mr-4"
            @click="$emit('onSubmit', { name, email, phone })"
          >
            Aplicar
          </v-btn>

          <router-link to="/mascotas">
            <v-btn color="warning"> Cancelar </v-btn>
          </router-link>
        </v-form>
      </v-card-text>
    </v-card>
  </v-container>
</template>

<script>
import { defineComponent } from "vue";
export default defineComponent({
  name: "FormularioSolicitud",
  data: () => ({
    valid: true,
    name: "",
    nameRules: [
      (v) => !!v || "Name is required",
      (v) => (v && v.length <= 10) || "Name must be less than 10 characters",
    ],
    email: "",
    emailRules: [
      (v) => !!v || "E-mail is required",
      (v) => /.+@.+\.\.+/.test(v) || "E-mail must be valid",
    ],
    phone: "",
    checkbox: false,
  }),
  methods: {
    validate() {
      this.$refs.form.validate();
    },
  },
  components: {},
});
</script>

<style scoped>
.formulario-solicitud-mascota {
  background-color: #a7c4bc;
}
</style>

```

#### MascotaCard.vue

```
<template>
  <v-card class="mascota-card">
    <v-card-title> {{ nombre }} </v-card-title>
    <v-card-text>
      <p>{{ `tipo: ${tipo}` }}</p>
      <p>{{ `estado: ${estado}` }}</p>
      <p>{{ `raza: ${raza}` }}</p>
    </v-card-text>
    <v-card-actions>
      <router-link :to="`/mascota/${id}`">
        <v-btn> Detalles </v-btn>
      </router-link>
      <router-link :to="`/solicitud/${id}`">
        <v-btn> Adoptar </v-btn>
      </router-link>
    </v-card-actions>
  </v-card>
</template>

<script>
import { defineComponent } from "vue";

// Components

export default defineComponent({
  name: "MascotaCard",

  props: {
    nombre: { type: String },
    tipo: { type: String },
    estado: { type: String },
    raza: { type: String },
    id: { type: Number, required: true },
  },

  components: {},
});
</script>

<style scoped>
.mascota-card {
  background-color: #a7c4bc;
}
</style>
```

#### MascotaList.vue

```
<template>
  <v-container class="list-container">
    <div :key="mascota.id" v-for="mascota in mascotas" class="card-
container">
      <mascota-card
        :id="mascota.id"
        :tipo="mascota.tipo"
        :estado="mascota.estado"
        :raza="mascota.raza"
        :nombre="mascota.nombre"
      />
    </div>
  </v-container>
</template>

<script>
import { defineComponent } from "vue";

// Components
import MascotaCard from "@/components/Mascotas/MascotaCard";

export default defineComponent({
  name: "MascotaList",

  props: {
    mascotas: { type: Array },
  },

  components: {
    MascotaCard,
  },
});
</script>

<style scoped>
.card-container {
  margin: 12px;
  max-width: 350px;
}
.list-container {
  display: flex;
  justify-content: center;
  align-items: center;
  flex-wrap: wrap;
}
</style>
```



2. Uso de HTML 5 y JavaScript (Se debe desarrollar una estructura ordenada, con código legible y documentado).

App.vue

```
<template>
  <v-app full-height class="app">
    <v-app-bar :elevation="2" rounded color="#A7C4BC">
      <v-app-bar-title>Pet shop</v-app-bar-title>
      <v-spacer></v-spacer>
      <router-link to="/"> sobre nosotros </router-link>
      <router-link to="/mascotas"> Mascotas </router-link>
    </v-app-bar>
    <v-main>
      <v-container>
        <v-sheet class="main-container" rounded
elevation="3">
          <router-view />
        </v-sheet>
      </v-container>
    </v-main>
  </v-app>
</template>

<script>
export default {
  name: "App",

  data: () => ({
    //
  }),
};
</script>

<style scoped>
.app {
  background-color: #dfeeea;
}
.main-container {
  background-color: #a7c4bc;
  padding: 16px;
  height: 100vh;
}
</style>
```

#### DetalleMascota.vue

```
<template>
  <v-container>
    <v-card class="detalle-mascota-card">
      <v-card-title> {{ `Hola! me llamo ${nombre}` }} </v-card-title>
      <v-card-text> {{ descripcion }} </v-card-text>
      <v-card-actions>
        <router-link to="/mascotas">
          <v-btn> Volver </v-btn>
        </router-link>
        <router-link :to="`/solicitud/${id}`">
          <v-btn> Adoptar </v-btn>
        </router-link>
      </v-card-actions>
    </v-card>
  </v-container>
</template>

<script>
import { defineComponent } from "vue";
export default defineComponent({
  name: "DetalleMascota",
  props: {
    nombre: { type: String },
    descripcion: { type: String },
    id: { type: Number, required: true },
  },
  components: {},
});
</script>

<style scoped>
.detalle-mascota-card {
  background-color: #a7c4bc;
}
</style>
```

## FormularioSolicitud.vue

```

<template>
  <v-container>
    <v-card rounded elevation="3" class="formulario-solicitud-mascota">
      <v-card-title> Formulario de solicitud de adopcion </v-card-title>
      <v-card-text>
        <v-form ref="form" v-model="valid" lazy-validation>
          <v-text-field
            v-model="name"
            variant="outlined"
            :counter="10"
            :rules="nameRules"
            label="Nombre"
            required
          />

          <v-text-field
            v-model="email"
            variant="outlined"
            :rules="emailRules"
            label="E-mail"
            required
          />

          <v-text-field
            v-model="phone"
            variant="outlined"
            label="Telefono"
            required
          />

          <v-checkbox
            v-model="checkbox"
            :rules="[(v) => !!v || 'Debes estar seguro para continuar']"
            label="Esta seguro de adoptar una mascota?"
            required
          ></v-checkbox>

          <v-btn
            :disabled="!valid"
            class="mr-4"
            @click="$emit('onSubmit', { name, email, phone })"
          >
            Aplicar
          </v-btn>

          <router-link to="/mascotas">
            <v-btn color="warning"> Cancelar </v-btn>
          </router-link>
        </v-form>
      </v-card-text>
    </v-card>
  </v-container>
</template>

<script>
import { defineComponent } from "vue";
export default defineComponent({
  name: "FormularioSolicitud",
  data: () => ({
    valid: true,
    name: "",
    nameRules: [
      (v) => !!v || "Name is required",
      (v) => (v && v.length <= 10) || "Name must be less than 10 characters",
    ],
    email: "",
    emailRules: [
      (v) => !!v || "E-mail is required",
      (v) => /.+@.+\..+/.test(v) || "E-mail must be valid",
    ],
    phone: "",
    checkbox: false,
  }),
  methods: {
    validate() {
      this.$refs.form.validate();
    },
  },
  components: {},
});
</script>

<style scoped>
.formulario-solicitud-mascota {
  background-color: #a7c4bc;
}
</style>

```

#### MascotaCard.vue

```
<template>
  <v-card class="mascota-card">
    <v-card-title> {{ nombre }} </v-card-title>
    <v-card-text>
      <p>{{ `tipo: ${tipo}` }}</p>
      <p>{{ `estado: ${estado}` }}</p>
      <p>{{ `raza: ${raza}` }}</p>
    </v-card-text>
    <v-card-actions>
      <router-link :to="/mascota/${id}">
        <v-btn> Detalles </v-btn>
      </router-link>
      <router-link :to="/solicitud/${id}">
        <v-btn> Adoptar </v-btn>
      </router-link>
    </v-card-actions>
  </v-card>
</template>

<script>
import { defineComponent } from "vue";
// Components
export default defineComponent({
  name: "MascotaCard",
  props: {
    nombre: { type: String },
    tipo: { type: String },
    estado: { type: String },
    raza: { type: String },
    id: { type: Number, required: true },
  },
  components: {},
});
</script>

<style scoped>
.mascota-card {
  background-color: #a7c4bc;
}
</style>
```

#### MascotaDetalleView.vue

```
<template>
  <v-container v-if="mascota.id">
    <detalle-mascota
      :nombre="mascota.nombre"
      :descripcion="mascota.descripcion"
      :id="mascota.id"
    />
  </v-container>
</template>

<script>
import { defineComponent } from "vue";
import DetalleMascota from "@/components/Mascota/DetalleMascota";
import axios from "axios";
export default defineComponent({
  name: "MascotaDetalleView",
  data: () => ({
    mascota: {},
  }),
  components: { DetalleMascota },
  methods: {
    getPets() {
      axios
        .get("http://localhost:5000/mascotas")
        .then((response) => {
          const pet = (response?.data?.rows ?? []).find(
            (pet) => pet.id === parseInt(this.currentId)
          );
          this.mascota = pet;
        })
        .catch((error) => {
          console.log(error);
        });
    },
  },
  beforeMount() {
    this.currentId = this.$route.params.id;
  },
  created() {
    this.getPets();
  },
});
</script>
```

#### MascotaList.vue

```
<template>
  <v-container class="list-container">
    <div :key="mascota.id" v-for="mascota in mascotas"
      class="card-container">
      <mascota-card
        :id="mascota.id"
        :tipo="mascota.tipo"
        :estado="mascota.estado"
        :raza="mascota.raza"
        :nombre="mascota.nombre"
      />
    </div>
  </v-container>
</template>

<script>
import { defineComponent } from "vue";
// Components
import MascotaCard from "@components/Mascotas/MascotaCard";
export default defineComponent({
  name: "MascotaList",
  props: {
    mascotas: { type: Array },
  },
  components: {
    MascotaCard,
  },
});
</script>

<style scoped>
.card-container {
  margin: 12px;
  max-width: 350px;
}
.list-container {
  display: flex;
  justify-content: center;
  align-items: center;
  flex-wrap: wrap;
}
</style>
```

#### MascotasView.vue

```
<template>
  <v-container>
    <MascotaList :mascotas="mascotas" />
  </v-container>
</template>

<script>
import { defineComponent } from "vue";
import MascotaList from "@components/Mascotas/MascotaList";
import axios from "axios";
export default defineComponent({
  // eslint-disable-next-line vue/multi-word-component-names
  name: "Mascotas",
  data: () => ({
    mascotas: [],
  }),
  components: { MascotaList },
  methods: {
    getPets() {
      axios
        .get("http://localhost:5000/mascotas")
        .then((response) => {
          this.mascotas = response?.data?.rows ?? [];
        })
        .catch((error) => {
          console.log(error);
        });
    },
  },
  created() {
    this.getPets();
  },
});
</script>
```

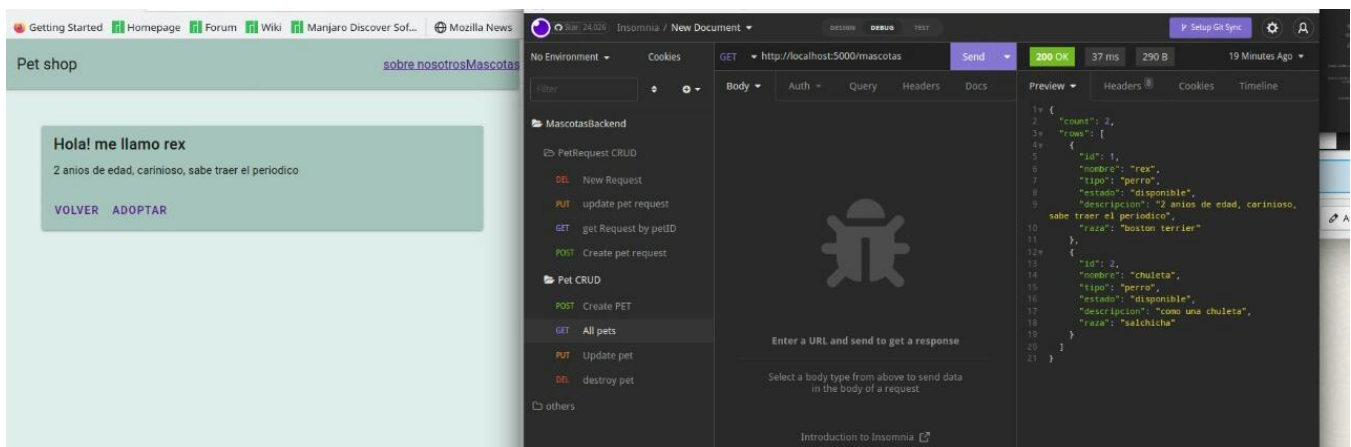
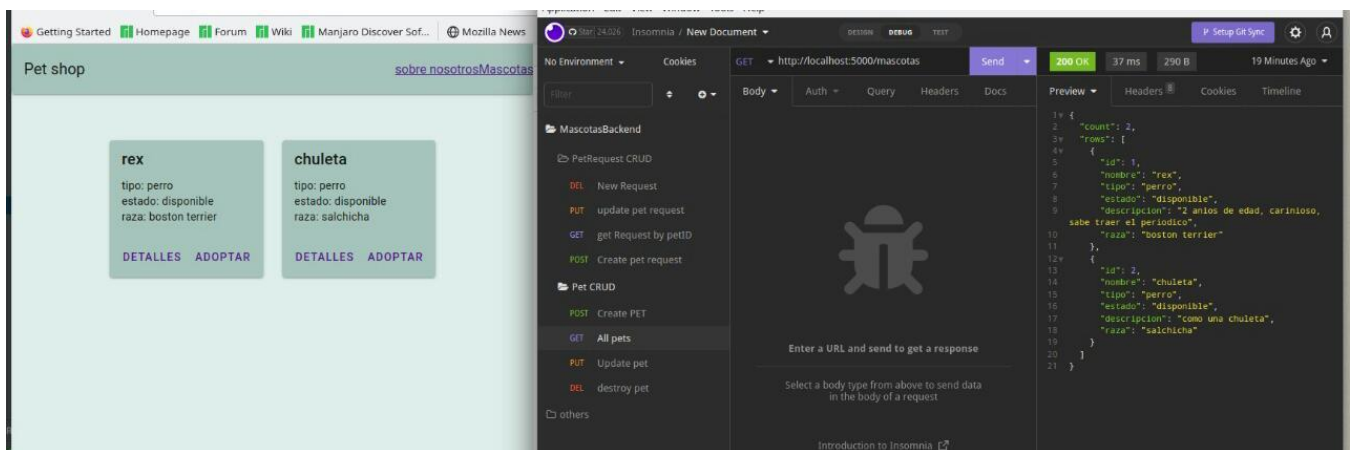
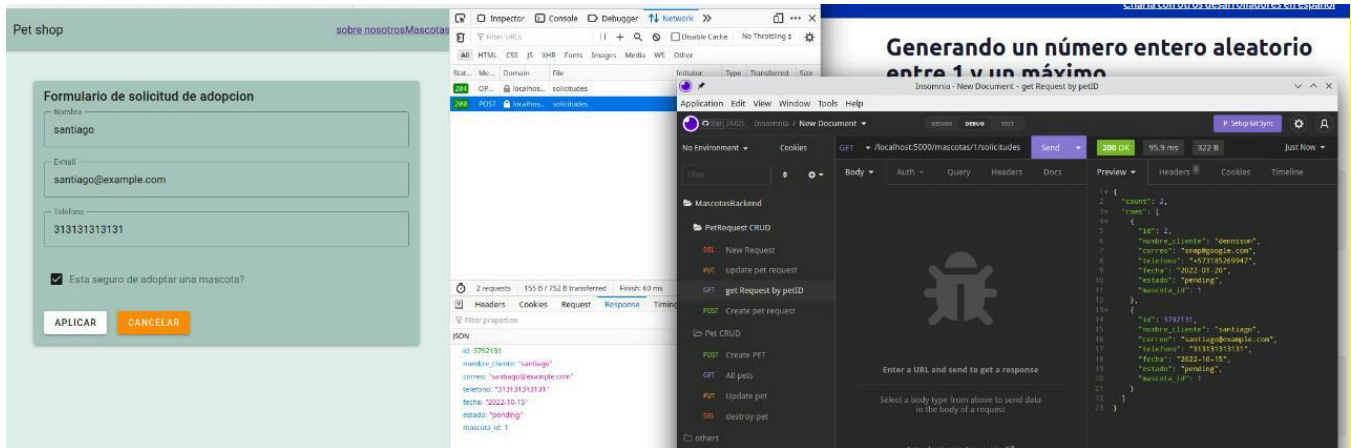
#### SolicitudView.vue

```
<template>
  <v-container>
    <formulario-soliciutd @on-submit="postRequest" />
  </v-container>
</template>

<script>
import { defineComponent } from "vue";
import axios from "axios";
import FormularioSoliciutd from
"@/components/Solicitud/FormularioSoliciutd";
export default defineComponent({
  name: "SolicitudMascota",
  components: { FormularioSoliciutd },
  data: () => ({
    currentId: "",
  }),
  methods: {
    postRequest({ name, email, phone }) {
      axios
        .post(`http://localhost:5000/mascotas/${this.currentId}/solicitudes`
        , {
          //generate random number between 1 and 99999999
          id: Math.floor(Math.random() * 99999999) + 1,
          clientName: name,
          mail: email,
          phone: phone,
          date: Date.now(),
          state: "pending",
        })
        .then(() => {
          window.alert(
            `solicitud creada con exito para adoptar una nueva
mascota`
          );
        });
    },
  },
  beforeMount() {
    this.currentId = this.$route.params.id;
  },
});
</script>
```



- Estilos CSS (Uso de Bootstrap), se debe generar una interface ordenada estructurada y agradable para el usuario final.



## Lista de mascotas

**rex1**

detalles rex

[DETALLES](#) [ADOPTAR](#)**rex2**

detalles rex

[DETALLES](#) [ADOPTAR](#)**rex3**

detalles rex

[DETALLES](#) [ADOPTAR](#)**rex4**

detalles rex

[DETALLES](#) [ADOPTAR](#)**rex5**

detalles rex

[DETALLES](#) [ADOPTAR](#)**rex6**

detalles rex

[DETALLES](#) [ADOPTAR](#)**rex7**

detalles rex

[DETALLES](#) [ADOPTAR](#)**rex8**

detalles rex

[DETALLES](#) [ADOPTAR](#)**rex9**

detalles rex

[DETALLES](#) [ADOPTAR](#)

## Formulario de solicitud de adopcion

Nombre

asdadasd

E-mail

sadsd@asdads.com

Telefono

2312313132

☒ Esta seguro de adoptar una mascota?

APLICAR

CANCELAR