

Nitra Payment Processing UI Requirements

Objective

This project involves building a **payment processing UI** that allows users to make payments using cash or card. The system should support different locations with tax adjustments, allow users to configure **merchant and patient processing fees**, and provide a smooth checkout experience.

UI Design

- Figma link:
<https://www.figma.com/design/PEBuPUxukUIKiDVK6oLbjY/Nitra-FE-Assessment?node-id=0-1&t=FfBZFihJKjLn5RuS-1>
- You can access the design details after logging into Figma.

Teck Stack

- Use **Vue 3.3** (Quasar Framework v2.12.4 recommended)
- Use **FontAwesome** for icons (You can use the solid style or the regular style instead)
- **Nice to have:** i18n support (English only for now)

Functional Requirements

- **Currency:** USD
- **Location-based**
 - Users can switch between different locations.
 - The payment tax rate should update accordingly based on the selected location.
 - The reader options should update accordingly based on the selected location.
- **Payment Methods**
 - **Cash Payment**
 - No processing fee will be applied.
 - **Card Payment**
 - In the “**Edit Merchant Processing Fee**” dialog, the total processing fee is calculated as: $\text{totalProcessingFee} = \text{totalProcessingFeeFixed} + (\text{totalProcessingFeePercentage} * \text{payment amount})$
 - The **merchant and patient** share the processing fee. Users can configure the fixed and percentage-based fees for each party in the dialog.
 - The total processing fee should dynamically update based on the entered payment amount.
 - Users can choose a **non-offline payment reader** to process the payment.
 - Patients can manually enter their card details for payment processing.

- **Nice to have:** Responsive Web Design (RWD)

General Style Guidelines

Font Sizes

```
- xss: 10px
- xs: 12px
- sm: 14px
- md: 16px
- lg: 18px
- xl: 20px
- 2xl: 24px
- 3xl: 32px
- 4xl: 36px
- 5xl: 48px
- 6xl: 60px
- 7xl: 72px
- 8xl: 96px
- 9xl: 128px
```

Colors Palette

```
- gray
- gray-0: #F4F5F6
- gray-50: #EBEEEE
- gray-100: #E3E6E8
- gray-200: #D5DADC
- gray-300: #C6CDD0
- gray-400: #ABB5BA
- gray-500: #8F9CA3
- gray-600: #73838C
- gray-700: #5C6970
- gray-800: #454F54
- gray-900: #2E3538
- teal
- teal-0: #EEF6F7
- teal-50: #CBE5E6
- teal-100: #A9D4D6
- teal-200: #86C2C5
- teal-300: #64B1B5
- teal-400: #4A979B
- teal-500: #3A7679
- teal-600: #2E5E60
- teal-700: #264D4F
- teal-800: #1E3C3E
```

```
- teal-900: #162B2D
- green
  - green-0: #EAFBF4
  - green-50: #CCF5E4
  - green-100: #A1EDCD
  - green-200: #76E5B6
  - green-300: #4DDDA0
  - green-400: #1CD084
  - green-500: #15B471
  - green-600: #11925C
  - green-700: #0D7248
  - green-800: #095234
  - green-900: #063723
- yellow
  - yellow-0: #FFFFF5
  - yellow-50: #FFFCE5
  - yellow-100: #FFF9CC
  - yellow-200: #FFF6B3
  - yellow-300: #FFF18A
  - yellow-400: #FFE624
  - yellow-500: #FADD00
  - yellow-600: #DEC60C
  - yellow-700: #B8A40A
  - yellow-800: #918108
  - yellow-900: #6A5F06
- amber
  - amber-0: #FDF7ED
  - amber-50: #FBEEDA
  - amber-100: #F9E5C7
  - amber-200: #F6D4A2
  - amber-300: #F1BF74
  - amber-400: #ECAA46
  - amber-500: #E89519
  - amber-600: #C27D14
  - amber-700: #9D6510
  - amber-800: #7D500D
  - amber-900: #583809
- orange
  - orange-0: #FFF2EB
  - orange-50: #FEE5D7
  - orange-100: #FED5BE
  - orange-200: #FDB48C
  - orange-300: #FC945A
  - orange-400: #FB7429
  - orange-500: #EB5704
```

```
- orange-600: #C94A03
- orange-700: #A13B02
- orange-800: #792C02
- orange-900: #501D01
- red
- red-0: #FDF1F1
- red-50: #FCE4E4
- red-100: #F6B7B7
- red-200: #F08A8A
- red-300: #EA5D5D
- red-400: #E43030
- red-500: #C71A1A
- red-600: #991414
- red-700: #831111
- red-800: #6C0E0E
- red-900: #480909
```

Mock Data

Organization

```
{
  "id": 4,
  "name": "Nitra Clinic",
  "totalProcessingFeeFixed": 10,
  "totalProcessingFeePercentage": "0.03500",
  "createdAt": "2024-01-01T12:00:00Z",
  "updatedAt": "2024-01-01T12:00:00Z",
  "deletedAt": null
}
```

Locations

```
[
  {
    "id": 48,
    "name": "New York Clinic",
    "taxRate": "0.04500",
    "createdAt": "2024-01-15T12:00:00Z",
    "updatedAt": "2024-01-15T12:00:00Z",
    "deletedAt": null
  },
  {
    "id": 75,
    "name": "Los Angeles Clinic",
```

```
"taxRate": "0.04500",
"createdAt": "2024-03-08T12:00:00Z",
"updatedAt": "2024-03-08T12:00:00Z",
"deletedAt": null
}
]
```

Payment Location Readers

```
[
{
  "id": 23,
  "label": "Device Reader 01",
  "readerId": "tmr_00000001582624",
  "status": "online",
  "locationId": 48,
  "createdAt": "2024-01-20T12:00:00Z",
  "updatedAt": "2024-01-20T12:00:00Z",
  "deletedAt": null
},
{
  "id": 27,
  "label": "Device Reader 02",
  "readerId": "tmr_00000001582658",
  "status": "offline",
  "locationId": 48,
  "createdAt": "2024-02-13T12:00:00Z",
  "updatedAt": "2024-02-13T12:00:00Z",
  "deletedAt": null
},
{
  "id": 35,
  "label": "Device Reader 03",
  "readerId": "tmr_00000001582824",
  "status": "online",
  "locationId": 48,
  "createdAt": "2024-02-21T12:00:00Z",
  "updatedAt": "2024-02-21T12:00:00Z",
  "deletedAt": null
},
{
  "id": 58,
  "label": "Device Reader 01",
  "readerId": "tmr_00000001604824",
  "status": "online",
  "locationId": 75,
```

```
"createdAt": "2024-03-13T12:00:00Z",
"updatedAt": "2024-03-13T12:00:00Z",
"deletedAt": null
},
{
  "id": 63,
  "label": "Device Reader 04",
  "readerId": "tmr_00000001604858",
  "status": "online",
  "locationId": 48,
  "createdAt": "2024-03-18T12:00:00Z",
  "updatedAt": "2024-03-18T12:00:00Z",
  "deletedAt": null
},
{
  "id": 71,
  "label": "Device Reader 02",
  "readerId": "tmr_00000001630824",
  "status": "online",
  "locationId": 75,
  "createdAt": "2024-03-25T12:00:00Z",
  "updatedAt": "2024-03-25T12:00:00Z",
  "deletedAt": null
}
]
```