

# Take-Home Assignment - Korporatio

## Secure Business Wallet Management App

You are building a simplified internal wallet management system for a fintech platform.

The system allows company administrators to manage wallets, view transactions, and control team member access.

For this assignment, the application is scoped to a **single company**. Multi-company support is out of scope, but the system should be designed in a way that can be extended to support multiple companies in the future.

## Tech Stack (Required)

- **Backend:** Laravel (latest stable)
- **Frontend:** Vue 3 + Vuetify
- **API Style:** REST (JSON)
- **Auth:** Token-based (Laravel Sanctum preferred)
- **Database:** MySQL

## Core Features (Must Have)

### 1. Authentication & Roles

#### Roles

- Admin
- Member

#### Rules

- Admin can manage wallets and members
- Member can only view assigned wallets and transactions

#### Requirements

- Login / Logout
- Protected API routes
- Role-based access control

## 2. Wallet Management

Each company can have multiple wallets.

### Wallet Fields

- id
- name
- currency (USD, EUR)
- balance
- status (active, frozen)
- created\_at
- updated\_at

### Admin Actions

- Create wallet
- Freeze / unfreeze wallet
- View wallet list

### Member Actions

- View wallet list (read-only)

## 3. Transactions

Transactions are **read-only** (no real money movement).

### Transaction Fields

- id
- from\_wallet\_id
- to\_wallet\_id
- type (credit / debit)
- amount
- reference
- created\_at
- updated\_at

### Requirements

- Paginated transaction list
- Filter by:
  - Date range
  - Transaction type

- Wallet balance must be derived from transactions (not hardcoded)

## 4. Team Member Management

### Admin Only

- New members creation
- Assign member to wallets
- Edit and delete members

## UI Requirements (Vue + Vuetify)

### Pages

1. Login
2. Dashboard
  - Wallet summary cards
  - Total balance per currency
3. Wallet Detail Page
  - Wallet info
  - Transaction table with filters
4. Team Management
  - Member list
  - Assign wallets to members
  - Create/Edit/Delete Member

## Non-Functional Requirements

- Clean, readable code
- Include a clear README.md with:
  - Setup instructions for backend & frontend
  - API endpoints summary
  - Admin credentials
  - Database seeding instructions (include a few dummy requests)
  - Optional: Deploy the app and share live URL(s)

# Reference Design

SecureWallet

Acme Corp

Dashboard – Acme Corp

Total Balance

\$12,500.00 USD  
€ 8,750.00 EUR

Main Wallet EUR Wallet Marketing Wallet

\$7,200.00 USD €4,500.00 EUR \$5,300.00 USD

Recent Transactions

Date	From/To	Type	Amount	Reference
12/10/2022	Main Wallet	Debit	-\$500.00	Invoice #123
12/09/2022	EUR Wallet	Credit	€1,000.00	Client Payment
12/09/2022	Main Wallet	Debit	-\$200.00	Advertising
12/07/2022	Main Wallet	Credit	€2,500.00	Transfer

+ Create Wallet

SecureWallet

Acme Corp

Wallets – Acme Corp

+ Create Wallet

Name	Currency	Balance	Status	Actions
Main Wallet	USD	\$7,200.00	Active	EDIT
EUR Wallet	EUR	€4,500.00	Active	EDIT
Marketing Wallet	USD	\$5,300.00	Frozen	EDIT

+ Create Wallet

**SecureWallet**

Acme Corp 

**Dashboard**

**Wallets** (selected)

**Transactions**

**Team Members**

**+ Create Wallet**

**Create New Wallet for Acme Corp**

Wallet Name \*

Currency \* **Initial Balance**

USD  USD

Status \*

**SecureWallet**

Acme Corp 

**Dashboard**

**Wallets**

**Transactions**

**Team Members** (selected)

**+ Create Wallet**

**Team Members - Acme Corp**

**+ Add Member**

Name	Email	Role	Wallet Access	Actions
John Doe	admin@acme.com	Admin	All	<a href="#">EDIT</a>
Jane Smith	jane@acme.com	Member	Marketing Wallet	<a href="#">EDIT</a>

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 **SecureWallet**

Acme Corp   

[Dashboard](#)

[Wallets](#)

[Transactions](#)

[Team Members](#)

[+ Create Wallet](#)

### Transactions - Acme Corp

Date From  Date To  Type   
[Clear](#) [Filter](#)

Date	To	Type	Amount	Reference
12/10/2022	 Main Wallet	Debit	-\$500.00	Invoice #123
12/09/2022	 EUR Wallet	Credit	€1,000.00	Client Payment
12/08/2022	 Marketing Wallet	Debit	-\$200.00	Advertising
12/07/2022	 Main Wallet	Credit	€2,500.00	Transfer

Showing 1 to 4 of 100 transactions [1](#) [2](#) [3](#) [Next >](#)