

Custom Wallet Addresses Display Feature

Overview

Added visibility of custom deposit addresses in the Admin Finance Wallet list. Custom addresses that are added through CRM → Users → Edit (in the `customAddressWalletsPairFields` field) are now displayed in the Finance → Wallets page.

Changes Made

1. Backend API Update

File: `backend/api/admin/finance/wallet/index.get.ts`

Added `customAddressWalletsPairFields` to the user attributes in the wallet list API:

```
includeModels: [
  {
    model: models.user,
    as: "user",
    attributes: [
      "firstName",
      "lastName",
      "email",
      "avatar",
      "customAddressWalletsPairFields", // ← Added
    ],
  },
],
```

2. Frontend DataTable Update

File: `src/pages/admin/finance/wallet/index.tsx`

Added two new columns to the wallet list:

Column 1: Has Custom Address (Boolean Filter)

- **Type:** Boolean indicator
- **Purpose:** Quick filter to show only users with custom addresses
- **Filterable:** Yes
- **Sortable:** No

```
{
  field: "hasCustomAddress",
  label: "Has Custom Address",
```

```

type: "boolean",
sortable: false,
getValue: (item) => {
  const addresses = item.user?.customAddressWalletsPairFields || [];
  return addresses && addresses.length > 0;
},
}

```

Column 2: Custom Addresses (Full Display)

- **Type:** Text
- **Purpose:** Display all custom addresses with currency/network info
- **Format:** CURRENCY/NETWORK: ADDRESS
- **Multiple addresses:** Comma-separated

```

{
  field: "customAddresses",
  label: "Custom Addresses",
  type: "text",
  sortable: false,
  getValue: (item) => {
    const addresses = item.user?.customAddressWalletsPairFields || [];
    if (!addresses || addresses.length === 0) {
      return "-";
    }
    return addresses
      .map(
        (a: { currency: string; network: string; address: string }) =>
          `${a.currency}/${a.network}: ${a.address}`
      )
      .join(", ");
  },
}

```

Data Structure

The `customAddressWalletsPairFields` field contains an array of custom address objects:

```

[
  {
    "address": "TK5F8mcAHAcgetuhr25ypfQUEqDEUZMEtP",
    "currency": "USDT",
    "network": "TRC20"
  },
  {
    "address": "0x742d35Cc6634C0532925a3b844Bc9e7595f0bEb",
    "currency": "USDT",
  }
]

```

```
    "network": "ERC20"  
  }  
]
```

Display Format

Example 1: User with custom addresses

- **Has Custom Address:** ✓ (Green checkmark)
- **Custom Addresses:** USDT/TRC20: TK5F8mcAHAcgetuhr25ypfQUEqDEUZMEtP, USDT/ERC20: 0x742d35Cc6634C0532925a3b844Bc9e7595f0bEb

Example 2: User without custom addresses

- **Has Custom Address:** X (Red cross)
- **Custom Addresses:** -

Usage

For Admins:

1. View Custom Addresses:

- Navigate to `/admin/finance/wallet`
- Look at the "Custom Addresses" column to see all custom deposit addresses
- The "Has Custom Address" column shows a quick boolean indicator

2. Filter Users with Custom Addresses:

- Click on the "Has Custom Address" column header
- Filter by `true` to see only users with custom addresses
- Filter by `false` to see only users without custom addresses

3. Managing Custom Addresses:

- Custom addresses are still managed through CRM → Users → Edit
- Find the user in the wallet list
- Click the user's name to navigate to their profile
- Edit the `customAddressWalletsPairFields` field

Benefits

1. **Visibility:** Admins can now see which users have custom deposit addresses without checking each user individually
2. **Filtering:** Easy to filter and identify users with custom addresses
3. **Audit:** Quick overview of custom address assignments
4. **Troubleshooting:** Easier to debug deposit issues related to custom addresses

Testing Checklist

- ☐ Backend API returns `customAddressWalletsPairFields` in user data
- ☐ "Has Custom Address" column shows correct boolean value
- ☐ "Custom Addresses" column displays addresses in correct format
- ☐ Boolean filter works correctly
- ☐ Display shows - for users without custom addresses
- ☐ Multiple addresses are comma-separated and readable
- ☐ Performance is acceptable with large datasets

Related Files

- `backend/api/admin/finance/wallet/index.get.ts` - Backend API endpoint
- `src/pages/admin/finance/wallet/index.tsx` - Frontend wallet list page
- `models/user.ts` - User model with `customAddressWalletsPairFields` definition

Future Enhancements

Potential improvements for future consideration:

1. Add tooltip on hover to show full address details
2. Add copy-to-clipboard button for addresses
3. Add link to jump directly to user's custom address edit form
4. Add custom address count in the boolean column
5. Add search/filter by specific currency or network
6. Add validation warnings for invalid addresses
7. Add last modified timestamp for custom addresses