DOMinators

"1" + "2"

'12'

"1" - "2"

-1

That's Javascript for ya
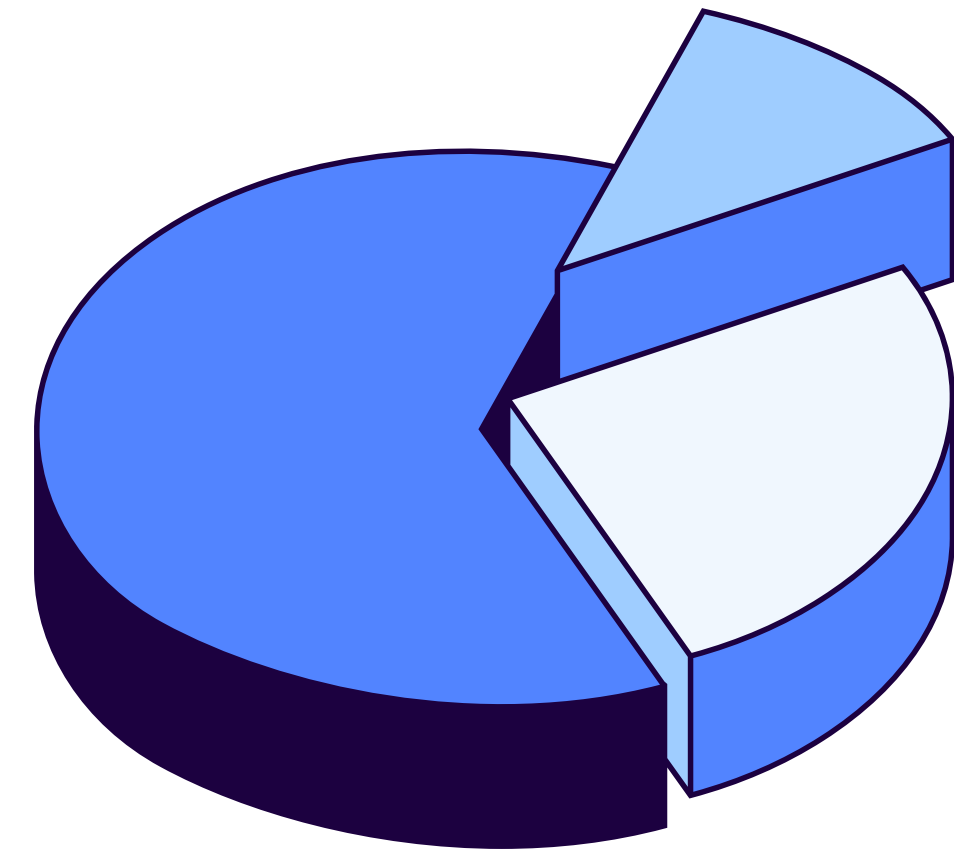
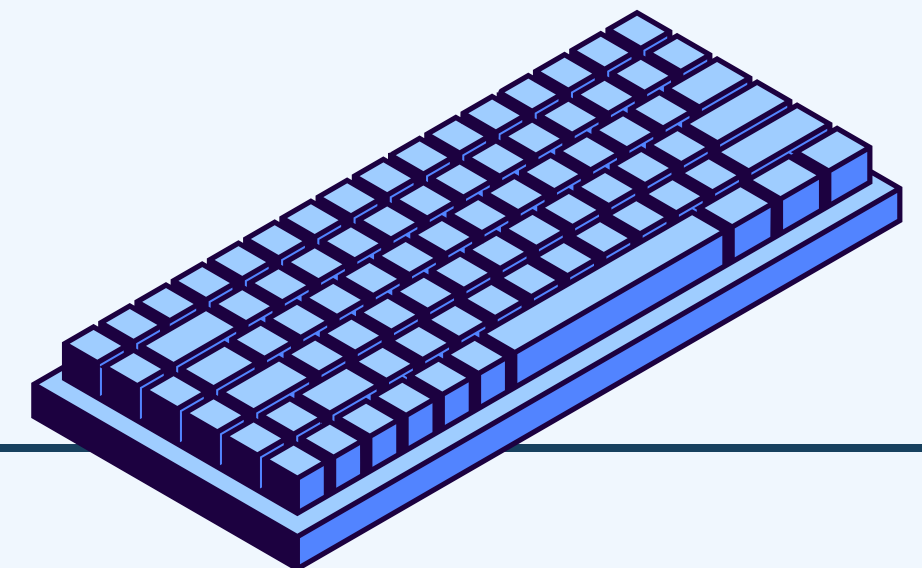**Team-5**

Our Team

Vasavi **Samhita** **Apurva** **Ashish**

The Problem

Scattered

Fragmented

Clunky UI

INVESTO

A unified platform for complete financial portfolio management.
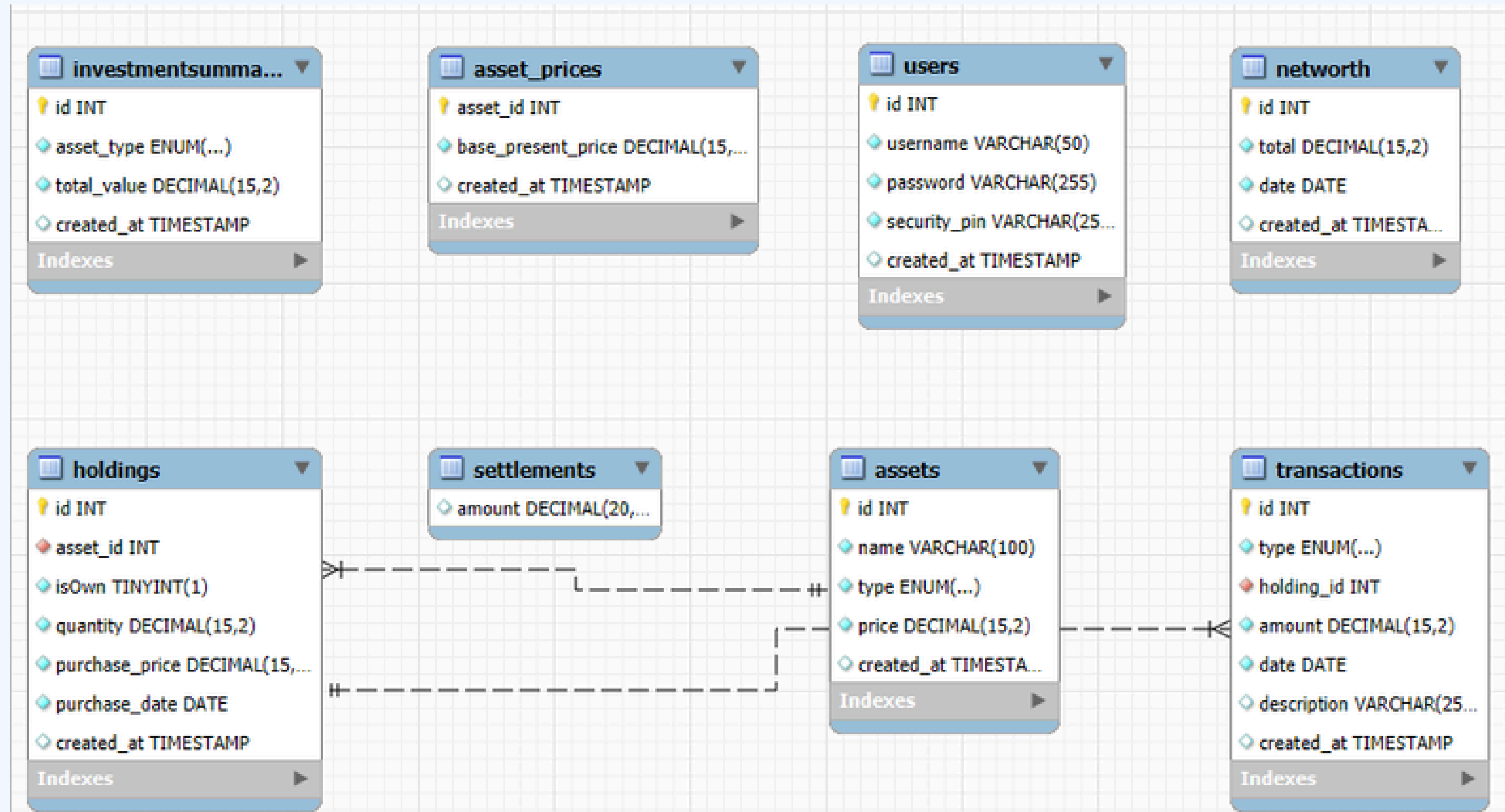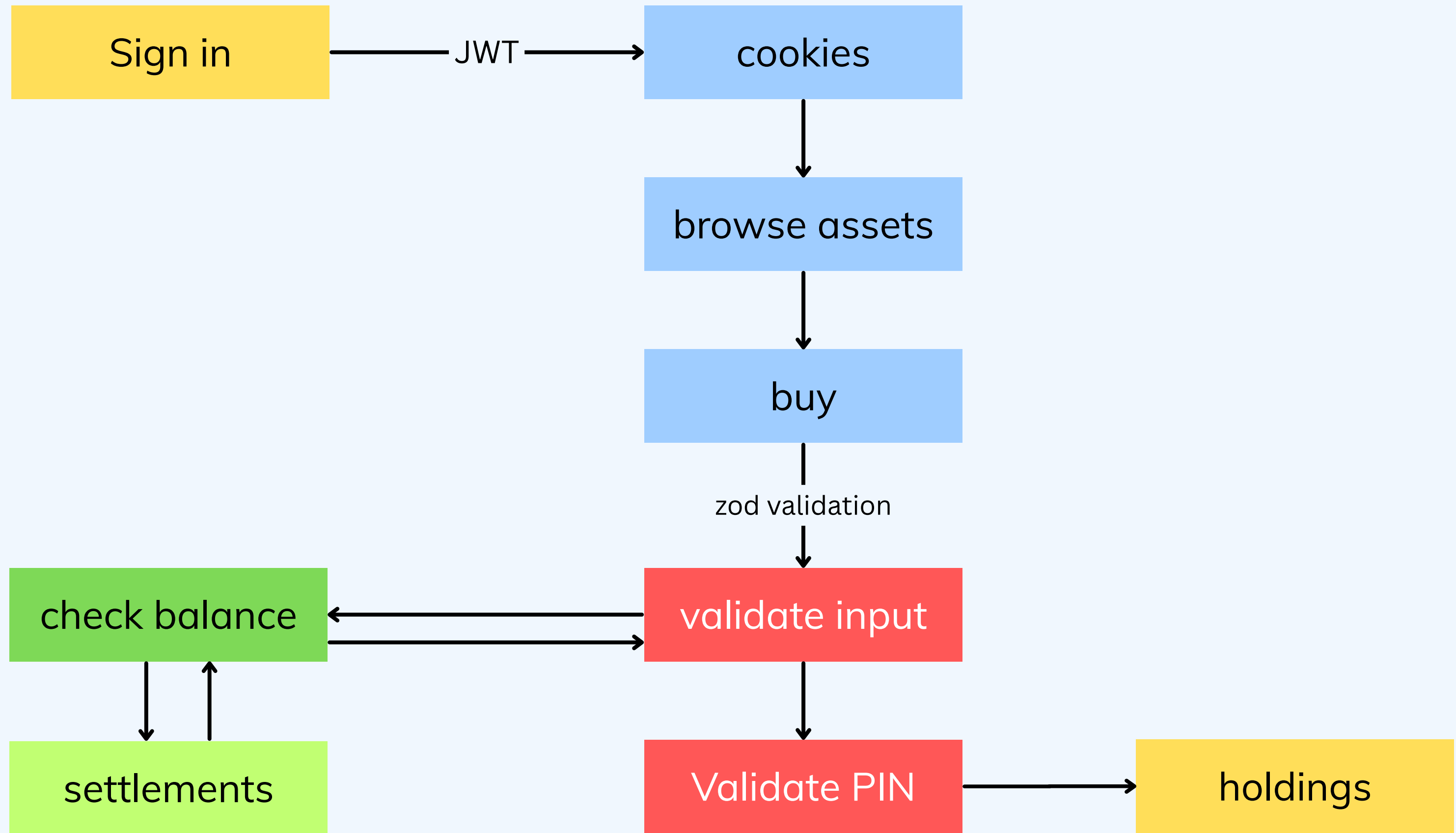
Features

Track

Insights

Purchase

Manage

LIVE DEMO

Database Design

```
Sign in ──JWT──▶ cookies
                    │
                    ▼
               browse assets
                    │
                    ▼
                   buy
                    │
              zod validation
                    │
                    ▼
check balance ◀──── validate input
      │    ▲   ────▶      │
      ▼    │              ▼
  settlements        Validate PIN ────▶ holdings
```

Frontend


```
∨ src
    > assets
    ∨ components
        > charts
        > ui
        ⚛ BrowseAssets.jsx
        ⚛ Dashboard.jsx
        ⚛ Holdings.jsx
        ⚛ Transactions.jsx
    > lib
    ⚛ App.jsx
    # index.css
    ⚛ main.jsx
```
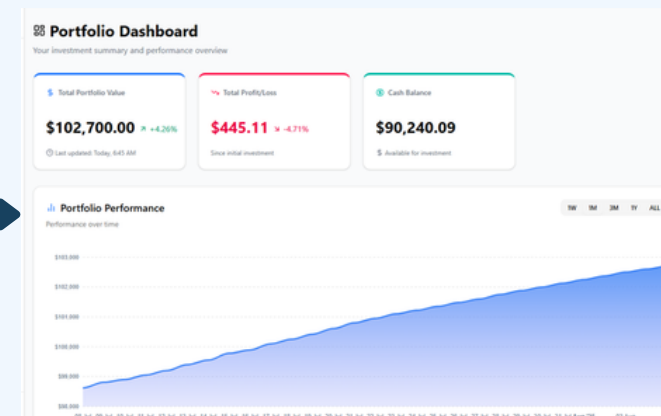
App.jsx

Buy Asset Flow Logic

```
import { z } from 'zod';

export const assetSchema = z.object({
    id: z.number().int().positive(), // Asset ID must be a positive
    name: z.string().min(1, 'Name is required'), // Name must be a n
    type: z.enum(['Stock', 'Mutual Fund', 'Bond', 'Cash', 'Other']),
    price: z.number().nonnegative(), // Price must be a non-negative
    created_at: z.string().optional(), // Optional timestamp
});        You, 7 days ago • Asset APIs
```

Asset Schema

2

CORS

5

```
DOMinators / Holdings / Buy an asset

POST      http://localhost:3000/api/holdings/buy

Params   Authorization   Headers (10)   Body ●   Scripts   Settings

○ none  ○ form-data  ○ x-www-form-urlencoded  ● raw  ○ binary  ○ GraphQL

1  {
2      "asset_id": 2,
3      "quantity": 10
4  }
```

API

3

1

4

Purchase Asset

Review the details before proceeding with your purchase.

Alphabet Inc. Class A
Stock

$ Unit Price $2,038.60

Quantity   −   1   +

Total Price $2,038.60

Available Balance: $89,566.48

Cancel   Confirm Purchase

Buy Asset

6

Your Holdings

Track and manage your investment portfolio

Card View   Table View

Search holdings...   Sort by

Asset ↑↓	Quantity	Purchase Price	Current Price	Profit/Loss	Purchase Date	Total Value	Actions
Alphabet Inc. Class A	2	$2,133.27	$92.21	$4,082.12(-95.68%)	Aug 06, 2025	$4,266.54	Buy Again Sell Details
Apple Inc.	5	$195.25	$77.77	$587.40(-60.17%)	Aug 01, 2025	$976.25	Buy Again Sell Details
Microsoft Corporation	5	$842.55	$859.53	$84.90(+2.02%)	Aug 05, 2025	$4,212.75	Buy Again Sell Details

Showing 3 of 3 holdings $ Total Portfolio: $9,455.54

Holdings

Controller

Tech Stack

Express.js

MySQL

Node.js

React.js

Tailwind CSS

```
SELECT * FROM portfolio.holdings;
```

GET View all holdings

HTTP DOMinators / Holdings / **View all holdings**

GET   http://localhost:3000/api/holdings

```
export const viewAllHoldings = async (req, res) => {
    try {
        const [holdings] = await pool.query(
            `SELECT h.id, a.name, h.quantity, h.purchase_price, h.purchase_date
            FROM Holdings h
            JOIN Assets a ON h.asset_id = a.id
            WHERE h.isOwn = true`
        );

        if (holdings.length === 0) {
            return res.status(404).json({ message: 'No holdings found' });
        }

        res.status(200).json(holdings);
    } catch (error) {
        console.error('Error fetching holdings:', error);
        res.status(500).json({ message: 'Internal server error' });
    }
};
```

Your Holdings
Track and manage your investment portfolio

Card View   Table View

Search holdings...   Sort by

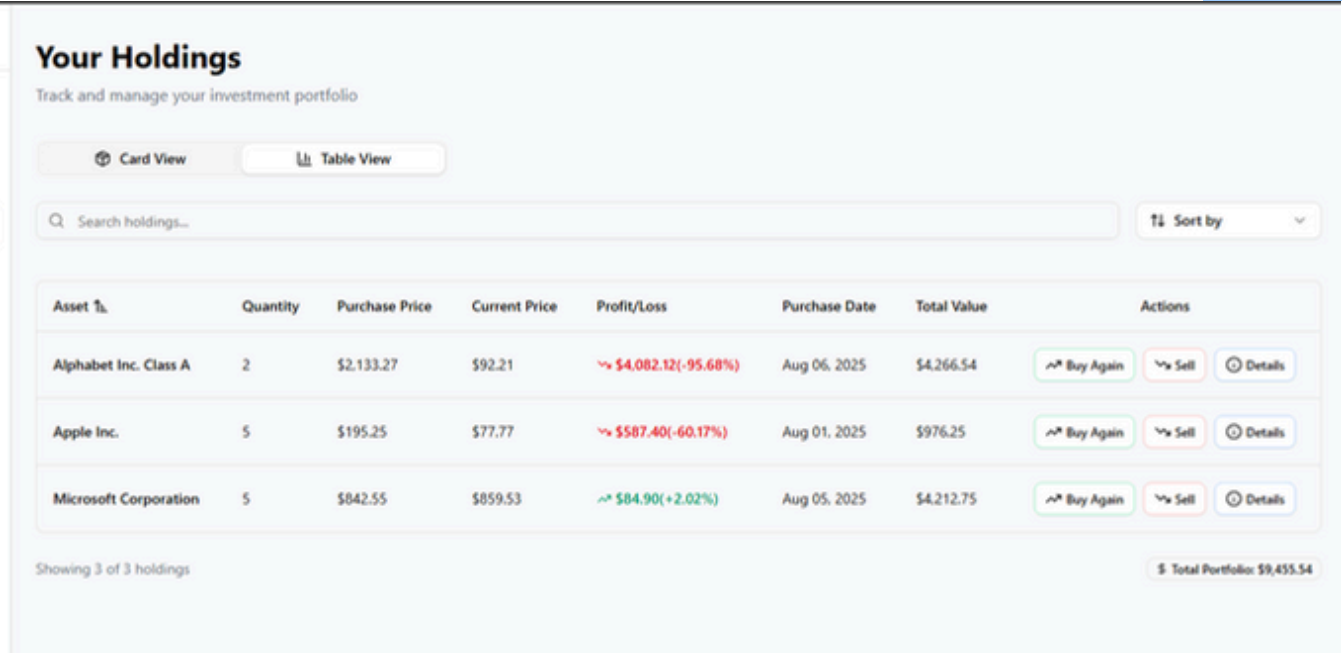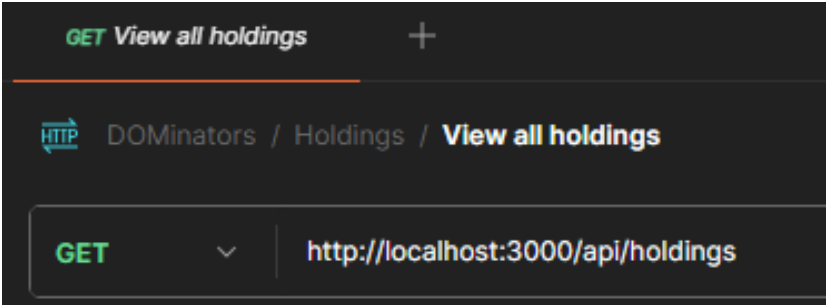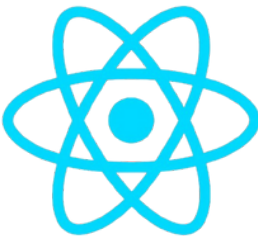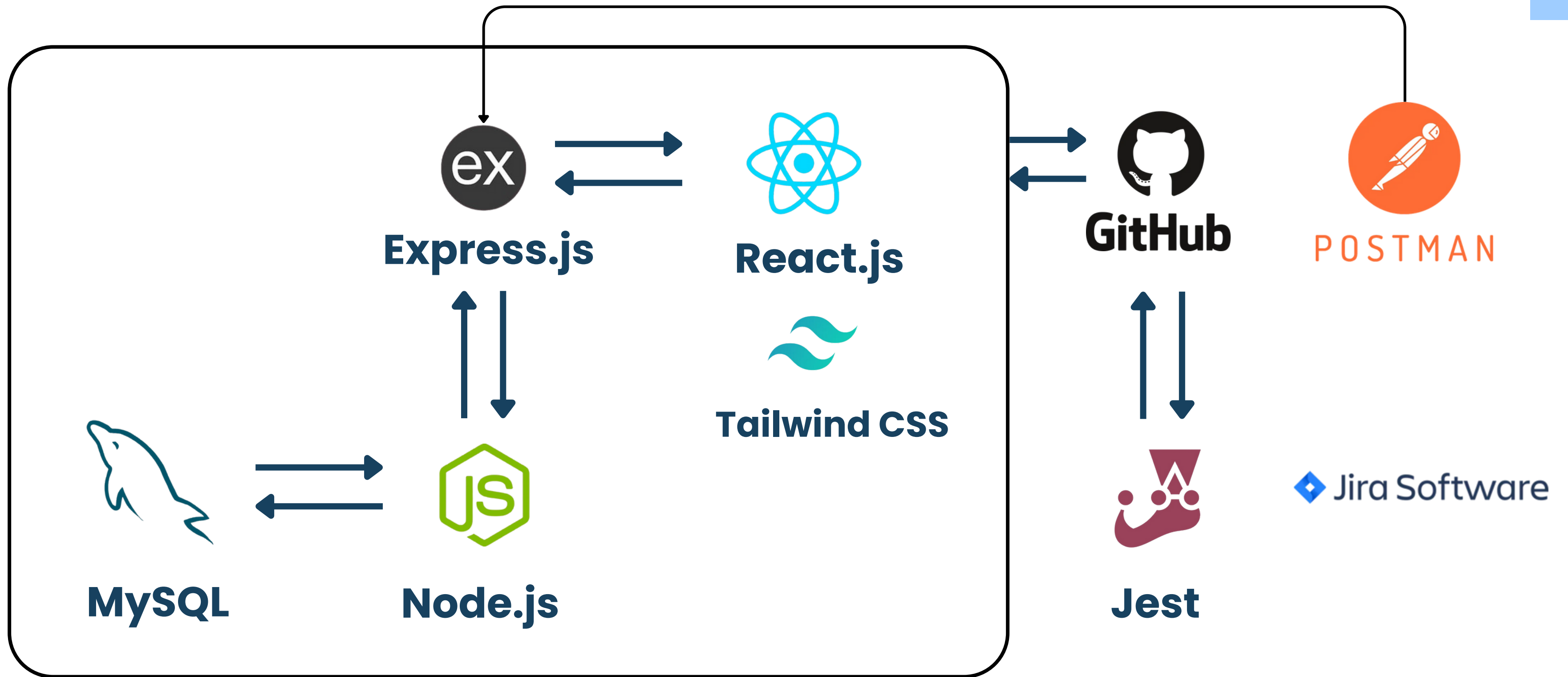| Asset ↑↓	Quantity	Purchase Price	Current Price	Profit/Loss	Purchase Date	Total Value	Actions
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Showing 3 of 3 holdings $ Total Portfolio: $9,455.54

| id	asset_id	isOwn	quantity	purchase_price	purchase_date	created_at
1	1	1	5.00	195.25	2025-08-01	2025-08-01 08:50:14
2	2	1	5.00	842.55	2025-08-05	2025-08-05 08:31:16
3	5	0	0.00	2159.05	2025-08-06	2025-08-06 04:14:52
4	5	1	2.00	2118.73	2025-08-07	2025-08-07 06:03:52
5	4	1	1.00	842.54	2025-08-07	2025-08-07 06:07:16
NULL	NULL	NULL	NULL	NULL	NULL	NULL

Tech Stack

Future Enhancements

Notifications

More Users
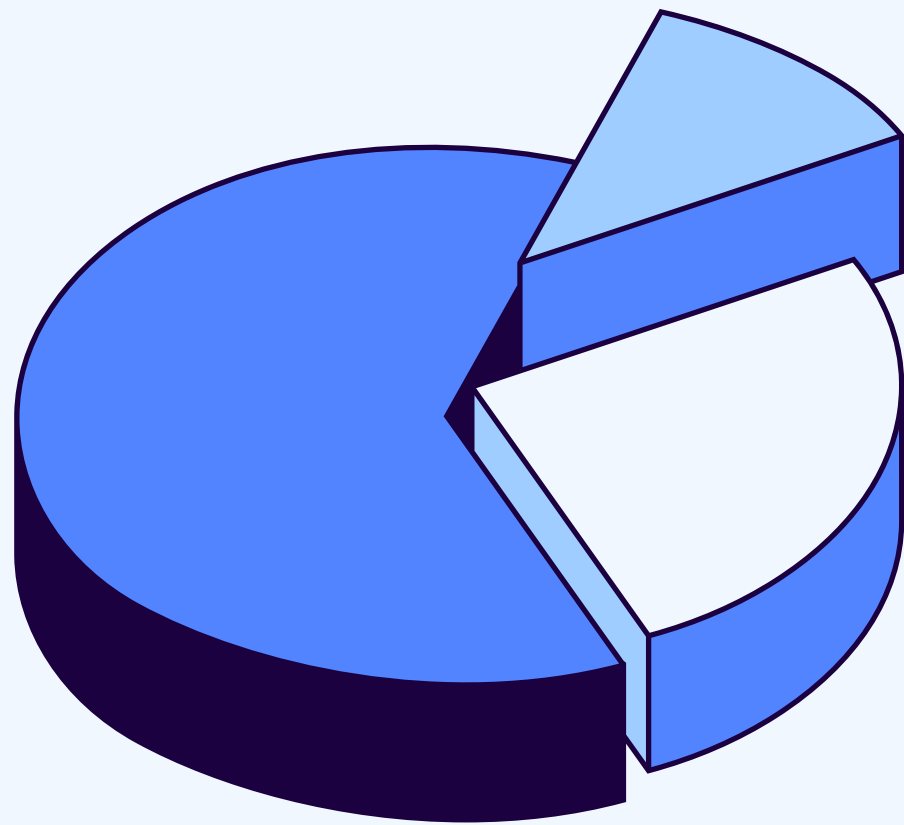& Personalization

Real-time
stock Prices

AI
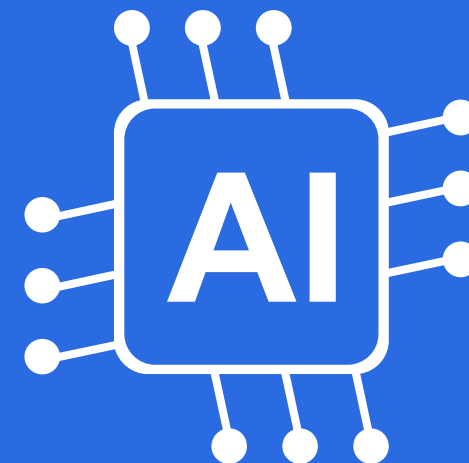
Stock Prediction
& Recommendations

Summary

Designed a unified dashboard	To simplify asset tracking and access
Secured login and transactions	To ensure user trust and data integrity
Built modular backend architecture	To ensure scalability and future flexibility
Delivered modern UI	To improve usability and onboarding
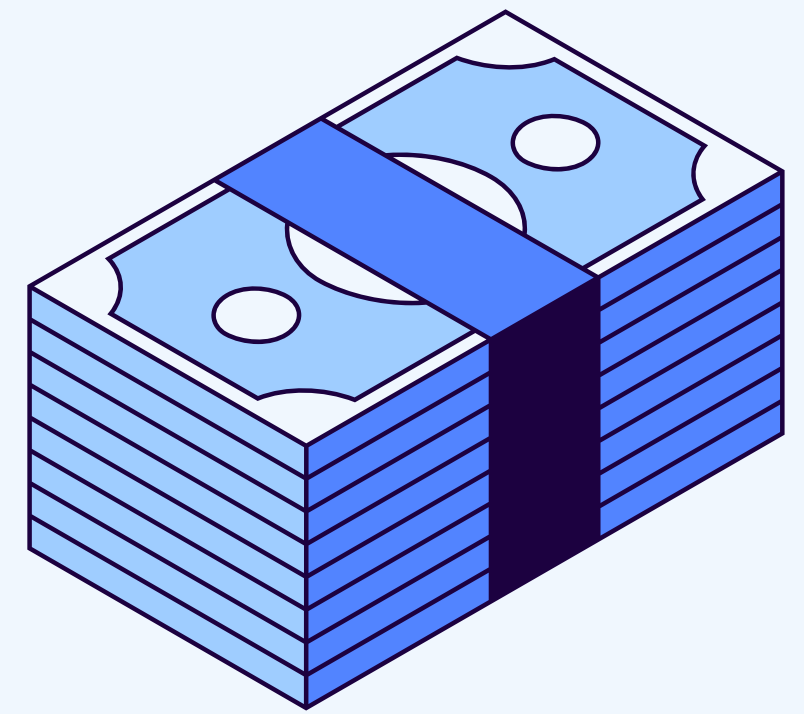
Thank You

Open for Questions