

Fx Trading Platform

...

REFINITIV



Overview

This platform enables users to transact in different currencies in the ForEx market. The price data is updated in real-time without compromising on user experience.

The bank branches get dedicated sections for:


- Viewing pending, approved, rejected transaction requests separately.
- Approving/ Rejecting transaction requests.
- Viewing overall summary of all transactions.
- Viewing currency wise summary of all transactions.

Tech Stack

- ReactJS : Fast, responsive UI, independent processes and page section updates, JSX simplifies handling data close to UI.
- MongoDB : Fast, maintains minimum redundancy, efficient for large data.
- Node & ExpressJS : Vast plugin support for security, error & request handling and logging, gels very well with React and Mongo (MERN stack)

Landing Page

Start your forex transactions

Start Transacting

Landing Page

The user needs to enter his/her name and identification number and choose the appropriate bank branch.

- Client side input validations
- Feedback for error fields.
- Takes user to applicable marketplace of chosen bank branch.

Market Place

CAD

Price: 23.83

Amount: 0.00

BUY

SELL

CHF

Price: 33.5

Amount: 0.00

BUY

SELL

EUR

Price: 36.52

Amount: 0.00

BUY

SELL

GBP

Price: 42.21

Amount: 0.00

BUY

SELL

Market Place

This will be the place where user can place buy/sell orders for various currencies offered.

Market Place

- Real-time price display.
- Show cost as per the quantity input and current price + bank charges.
- Can initiate multiple transactions in parallel.

Admin Page

Admin Dashboard

Pending

Approved

Rejected

Summary

Client Name

Currency

prashasy

CAD

asd

CAD

Admin Page

This is the page where bank branch admin can view details about transactions of the branch.



Admin Page

- Dedicated section to view pending, approved, rejected transactions.
- Approve/Reject transaction requests.
- View Overall summary.
- View currency wise summary.



Future Prospects

There can be many features and utilities for users and bank admins that can be developed in upcoming releases.

- Pictorial summary of transactions
- Filters for selecting parameters to summarise the data.
- Notify users by email for transaction status updates.
- Generate alerts for bank admins when pending transactions count crosses a threshold.

Thank You !

We are open to suggestions...