# Fx Trading Platform ...



#### 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

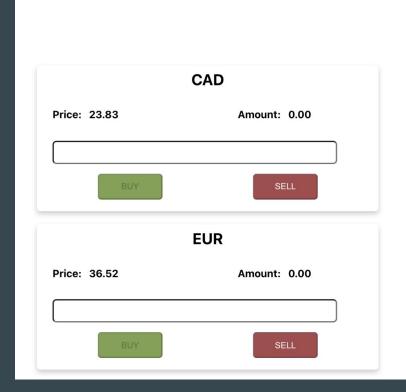
	Start Transacting	
Bangkok Branch		~
D Document Number		
Name		

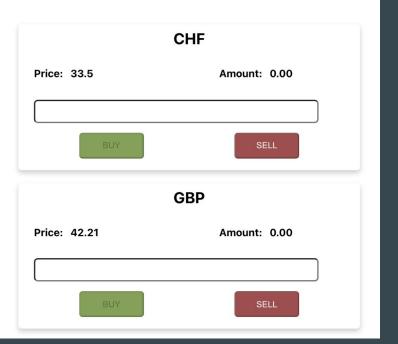
# Landing Page

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**





#### 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

	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...