



**Project: Stock Trading App**

# User Story

## PROJECT SETUP:

Fork this repo: <https://github.com/avionschool/rails-base-project>

**User Story #1:** As a User, I want to create an account as a Broker to sell stocks

**User Story #2:** As a User, I want to create an account as a Buyer to buy stocks

**User Story #3:** As a User, I want to login my credentials so that I can access my account on the app

## Broker

**User Story #1:** As a Broker, I want to receive an email to confirm my pending **Broker Account** signup

**User Story #2:** As a Broker, I want to receive an approval **Broker Account** email to notify me once my account has been approved

**User Story #3:** As a Broker, I want to add a stock to my portfolio from **Stocks list** to eventually sell it

**User Story #4:** As a Broker, I want to have a **My Portfolio** page to show all my added stocks

**User Story #5:** As a Broker, I want to have a **Transaction** page to see and monitor all the transactions made by buying my stocks



# User Story

## Buyer

**User Story #1:** As a Buyer, I want to receive an email after my registration to see if my registration is successful

**User Story #2:** As a Buyer, I want to see all the available stocks so that I can decide what to buy

**User Story #3:** As a Buyer, I want to buy a stock from a broker to add to my investment

**User Story #4:** As a Buyer, I want to have a **Transaction** page to monitor my transactions

**User Story #5:** As a Buyer, I want to have a **My Portfolio** page to see all my stocks

## Admin

**User Story #1:** As an Admin, I want to create a new user to manually add them to the app

**User Story #2:** As an Admin, I want to edit a specific user to update his/her details

**User Story #3:** As an Admin, I want to view a specific user to show his/her details

**User Story #4:** As an Admin, I want to see all the users that registered in the app so I can track all the users

**User Story #5:** As an Admin, I want to have a page for pending broker sign up to easily check if there's a new broker sign up

**User Story #6:** As an Admin, I want to approve a broker sign up so that he/she can start adding stocks

**User Story #7:** As an Admin, I want to see all the transactions so that I can monitor the transaction flow of the app



# Core Feature

## USE THIS GEM:

<https://github.com/dblock/iex-ruby-client>

### Admin

- User Management

- Transaction Management

### Broker

- Stock Management

- Transaction Management

### Buyer

- Stock list

- Buy Unit

- Transaction list



**MODEL**

User

Role

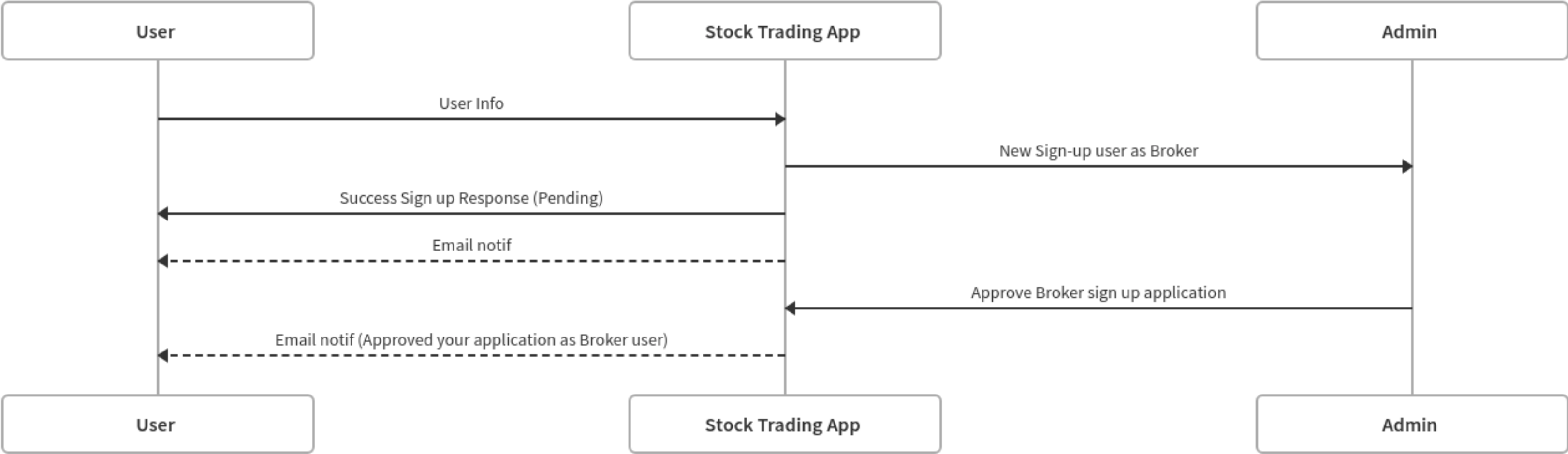
Transaction

Stock

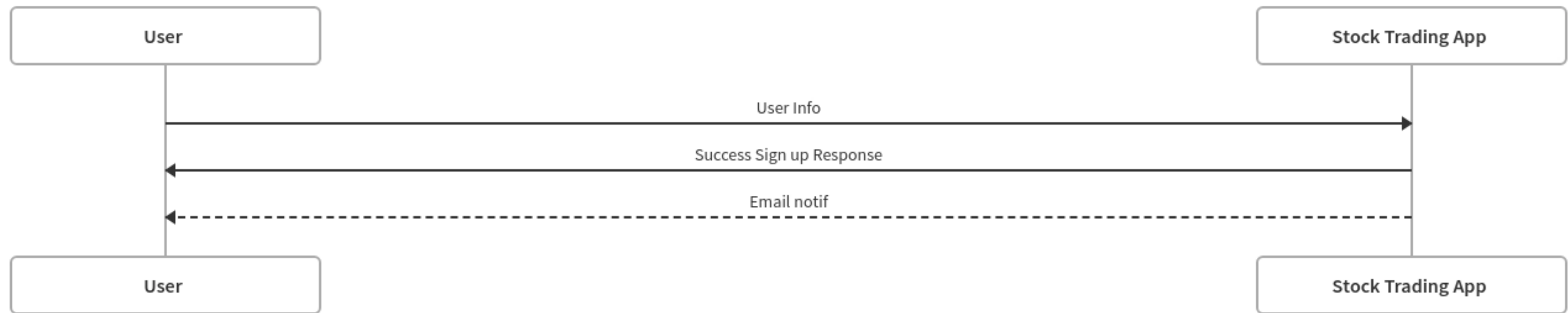
BuyersStock



# Stock Trading App: Sign Up as Broker



## Stock Trading App: Sign Up as Buyer



MADE WITH [swimlanes.io](https://swimlanes.io)



# Stock Trading App: Broker Stock



MADE WITH [swimlanes.io](https://swimlanes.io)





# Stock Trading App: Buy Stock

