



SPFNA

Stock Simulation investment idea



GROUP MEMBER



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Full-Stack

Tunwa Satianrapapong 3419

Full-Stack

Napas Vinitnontharat 3422

Full-Stack

Pechdanai Saepong 3434

Backend

Fasai Sae-Tae 3436

Backend



TABLE CONTENT

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Background

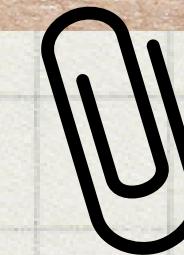
Process Framework

Requirement

Diagram

Design

Evaluation



BACKGROUND

**Our initiative is about create a
paper trading website for investor
and a community to share idea
about there investment idea.**

WATERFALL PROCESS

| SPFNA Stock Idea Investment | | | | | | | | | | | | | |
|-----------------------------|---------------------------------|-----------------|-----------------|---------------|----------------|-----------------|-----------------|---------------|----------------|-----------------|-----------------|-----------------|----------------|
| Project Timeline | | | | | | | | | | | | | |
| ACTION | SUB-ACTION | SEPTEMBER | | OCTOBER | | | | NOVEMBER | | | | DECEMBER | |
| | | Sep 16 - Sep 22 | Sep 23 - Sep 30 | Oct 1 - Oct 8 | Oct 9 - Oct 15 | Oct 16 - Oct 22 | Oct 23 - Oct 31 | Nov 1 - Nov 5 | Nov 6 - Nov 12 | Nov 13 - Nov 19 | Nov 20 - Nov 26 | Nov 27 - Nov 30 | Dec 1 - Dec 12 |
| Preparing | Topic Discussion | | | | | | | | | | | | |
| | Learn new tools | | | | | | | | | | | | |
| Designing and Documenting | UI, Requirement, Use-case | | | | | | | | | | | | |
| | Revise after first consultation | | | | | | | | | | | | |
| Programming | | | | | | | | | | | | | |
| Merging Modules | | | | | | | | | | | | | |
| Testing and Debugging | | | | | | | | | | | | | |



REQUIREMENT

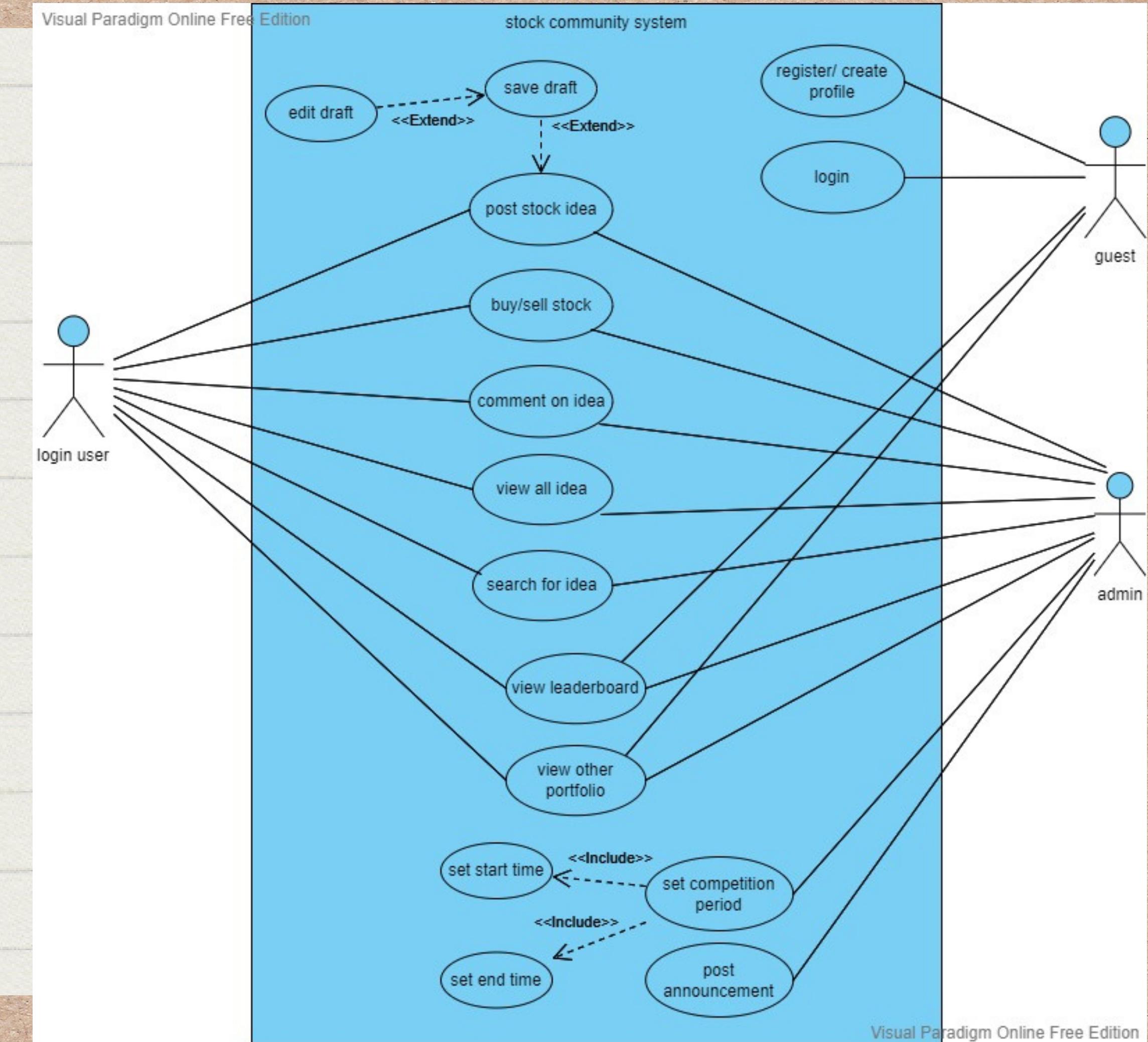
1. allow users to register and create profiles
2. allow login user to participate in competition
3. allow login user to convert currency
4. allow user to buy and sell stock
5. allow user to buy stock value equal to current stock value
6. allow admin user to set and restart competition

REQUIREMENT

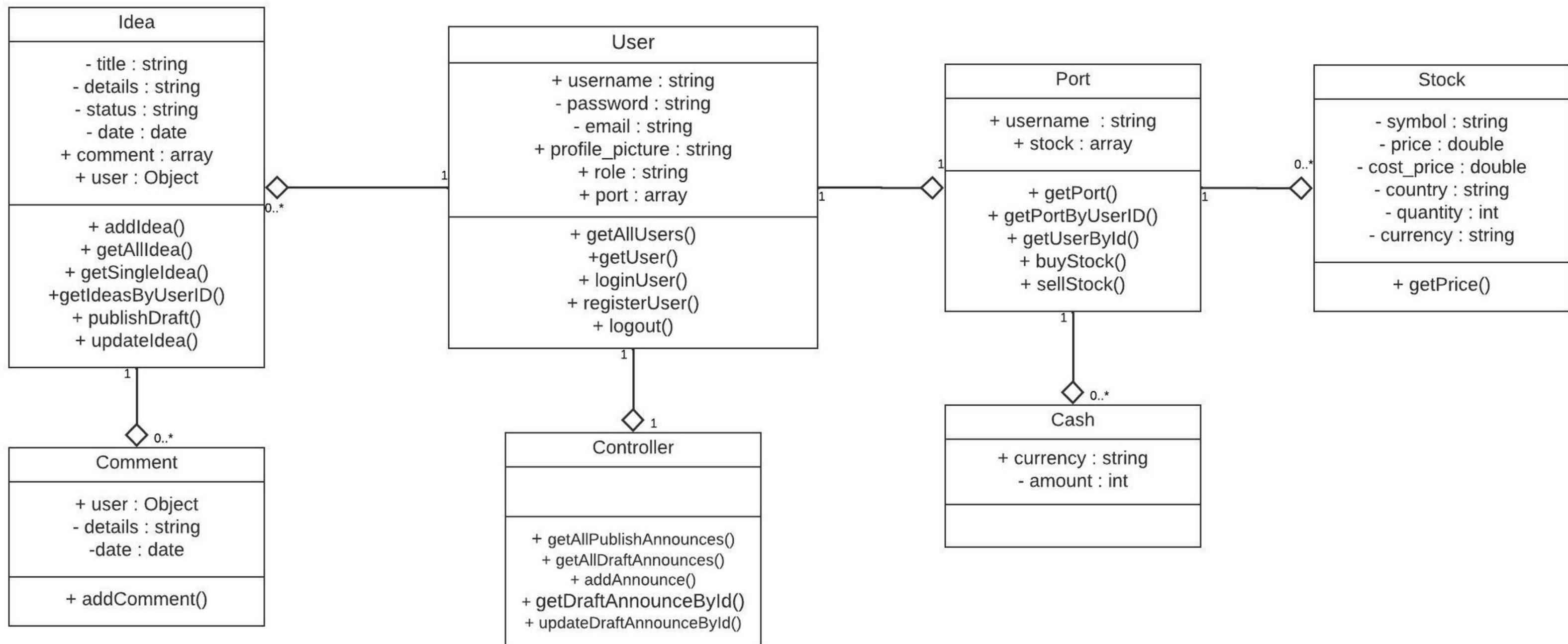
7. allow users log out
8. allow any user to view leaderboard
9. allow any user to vire portfolio profit
10. allow user to post stock idea
11. allow user to comment on the stock idea
12. allow admin user to add announcement

DIAGRAM

Usecase diagram



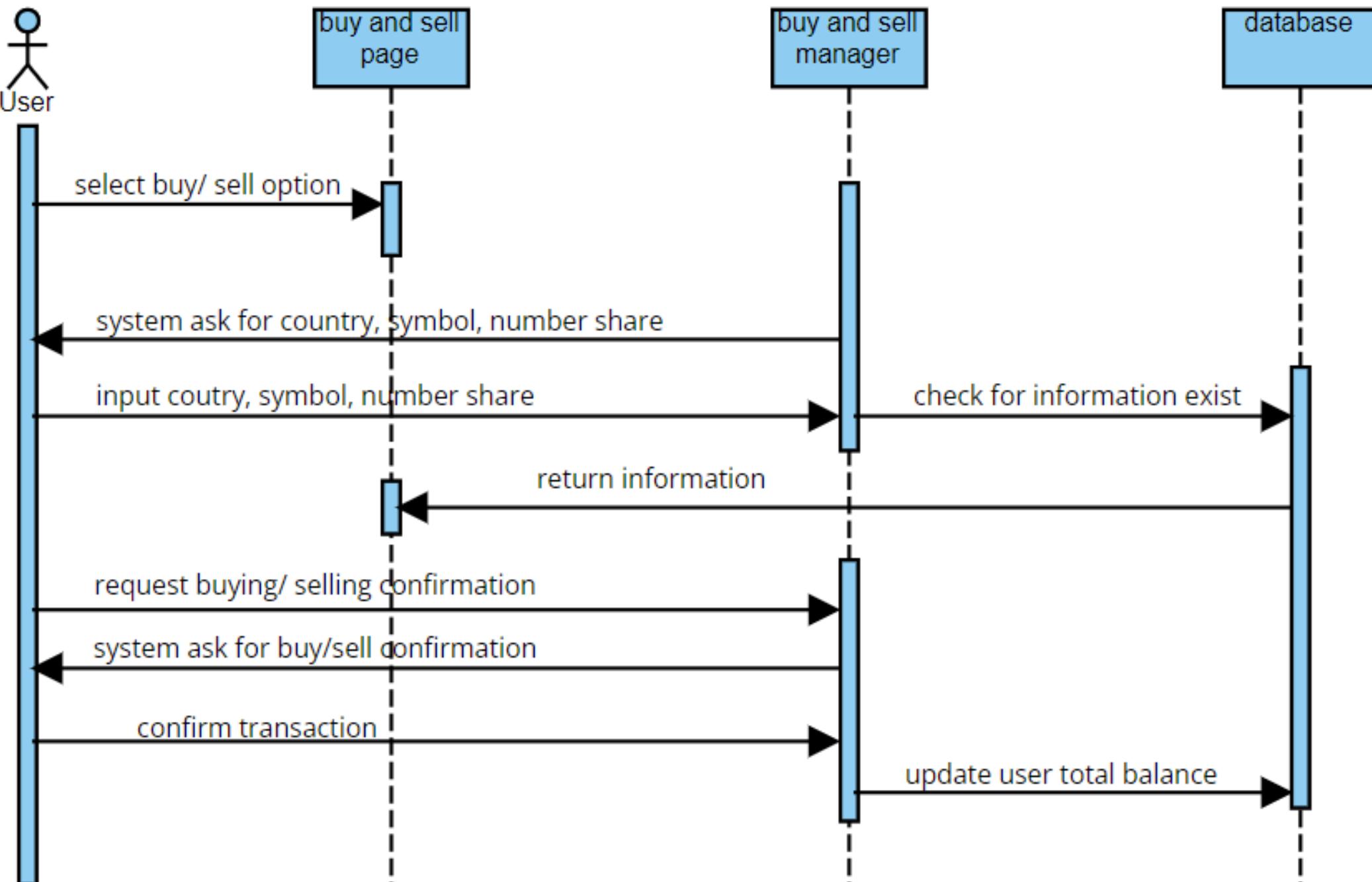
DIAGRAM



Class diagram

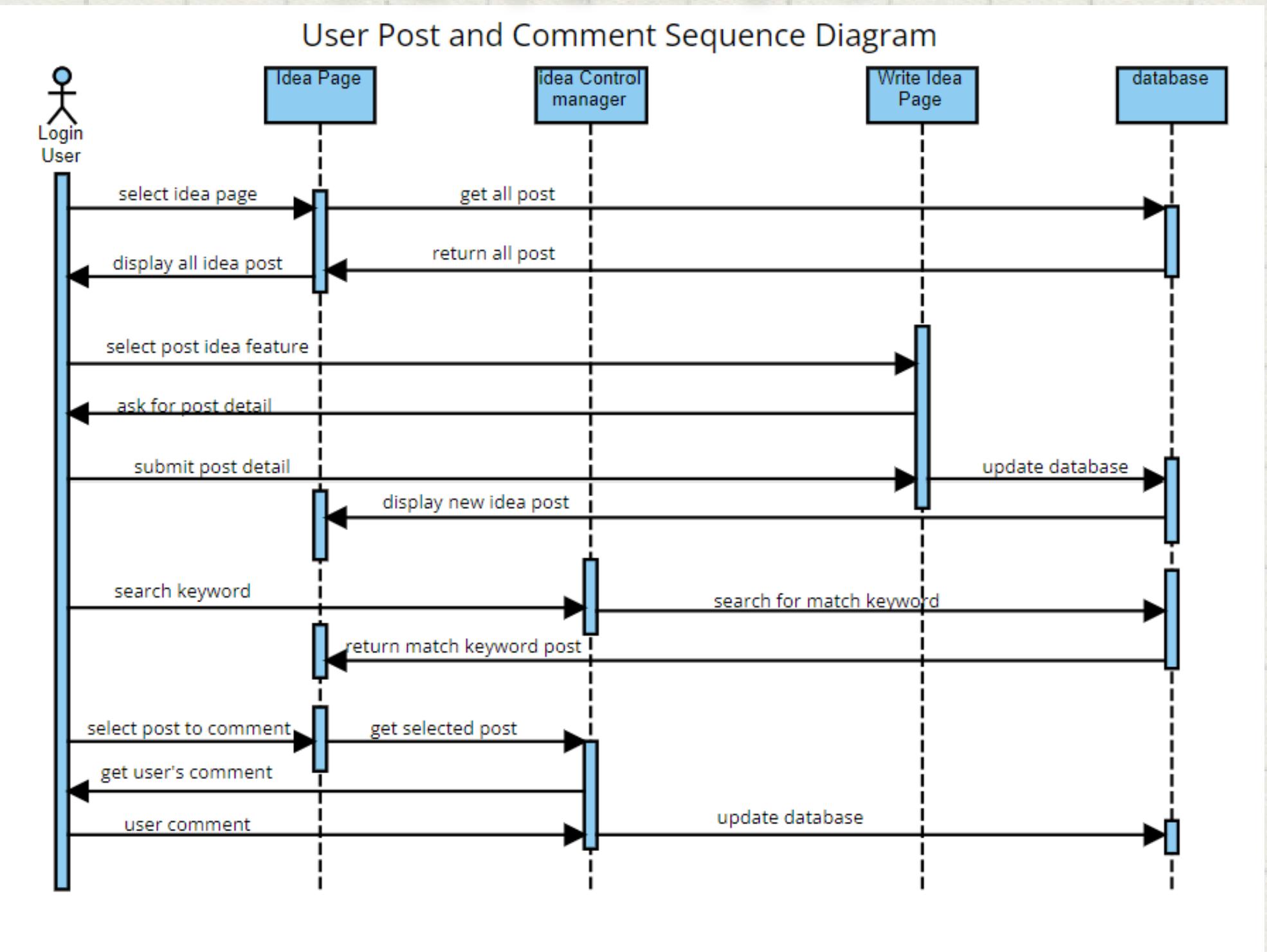
DIAGRAM

buy and sell stock sequencce diagram



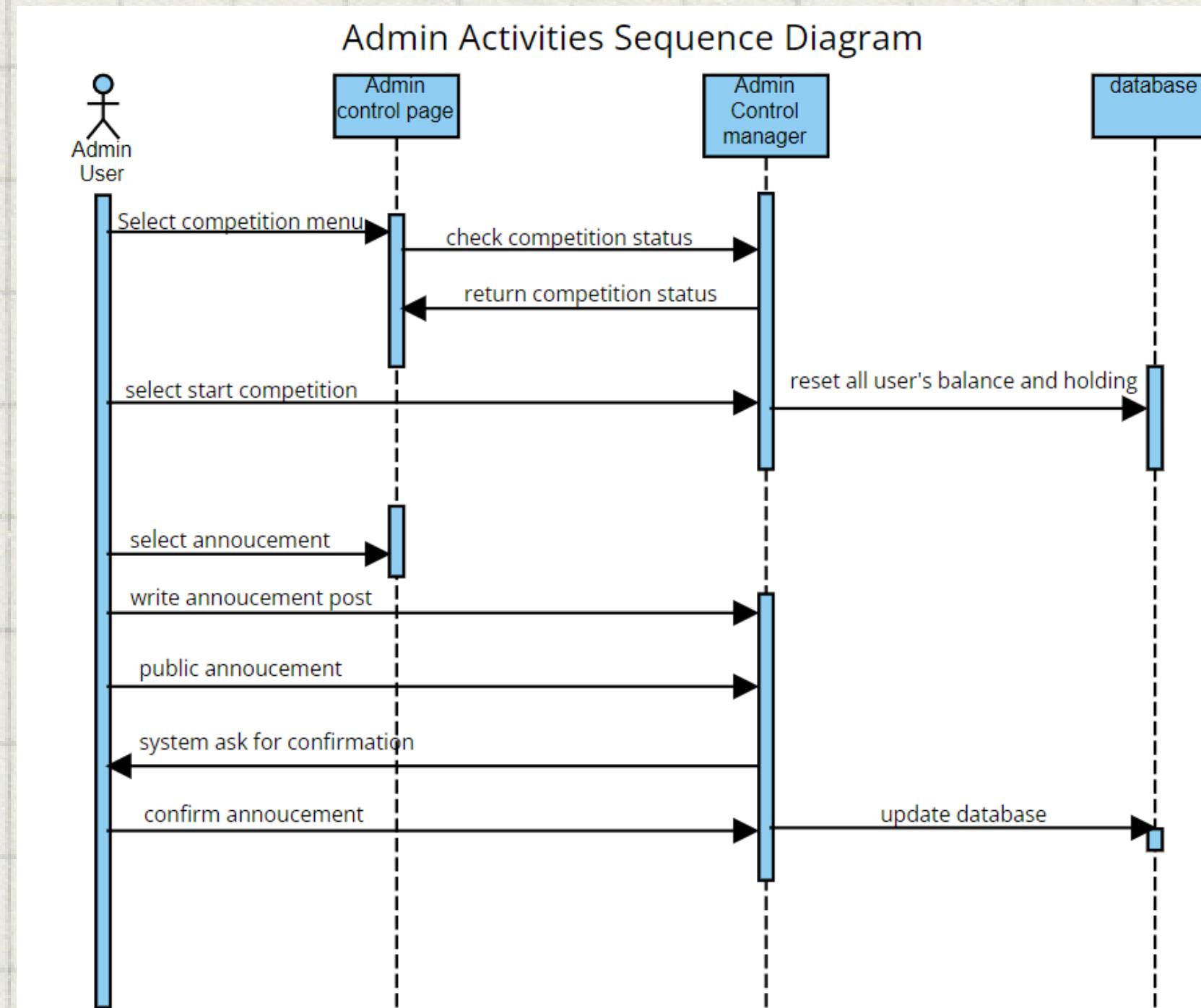
Sequence diagram

DIAGRAM



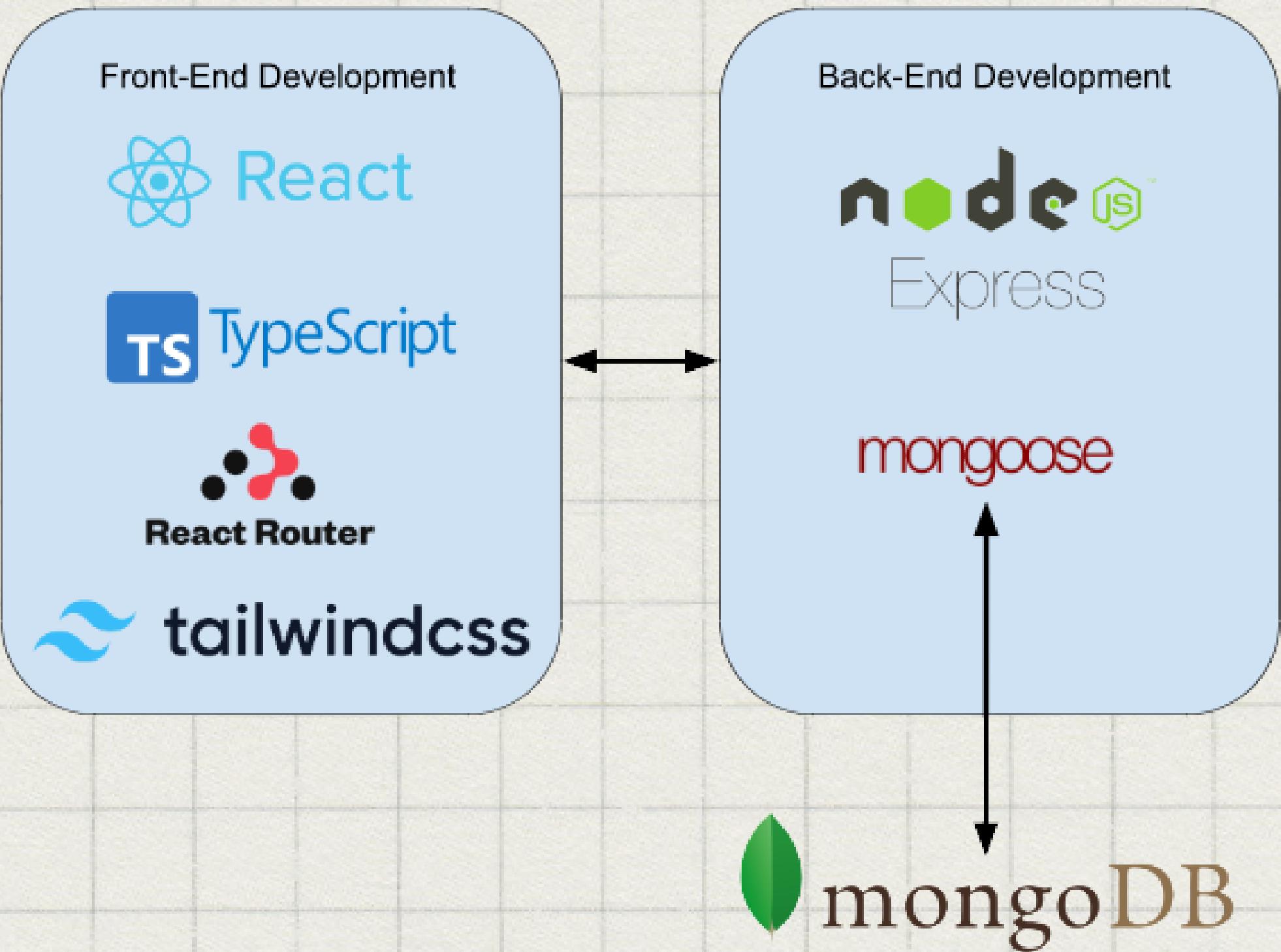
Sequence diagram

DIAGRAM



Sequence diagram

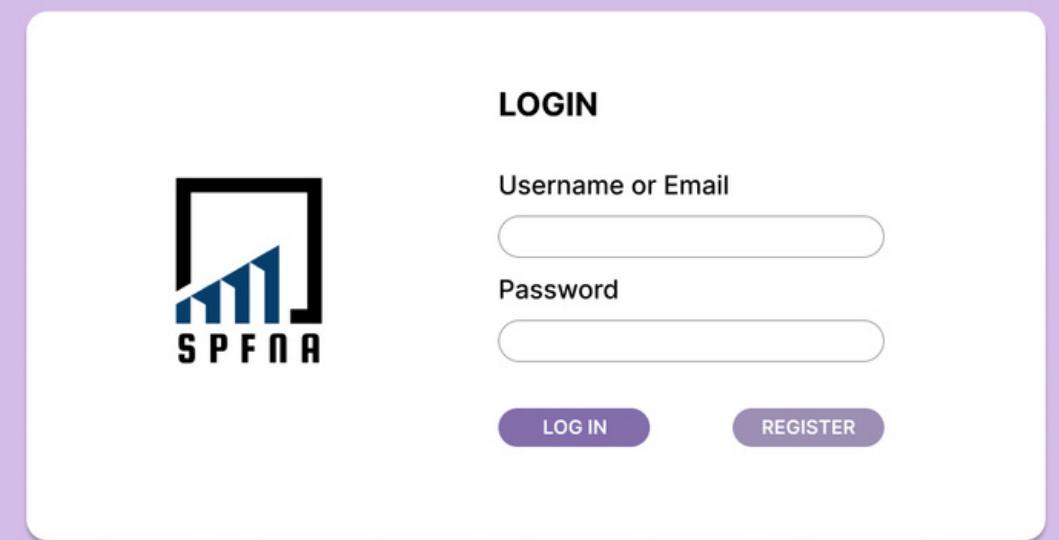
DESIGN



DESIGN



Homepage



Login page

DESIGN

REGISTER

Avartar Image

Username

Password

Email

REGISTER



@Nas Virat

Create Post

Hello meow sean 11/16/2022, 11:03:44 PM

meow sean do good work

Status : publish ●

Read More

Starbucks Opens its 6,000th Store in China 11/16/2022, 11:03:44 AM

Early this year I was quite pessimistic on Hong Kong stocks. But since then the Hang Seng is down another 20% or so. A lot of stocks with 9-10%+ dividend yields are laying around. I should have been a bit quicker writing this up, but then you are getting it for free. My hands will very quickly twitch towards the sell button if things do start heating up,

Read more

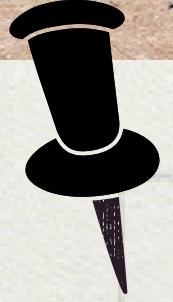
Status : publish ●

Read More

Register page

My profile page

DESIGN



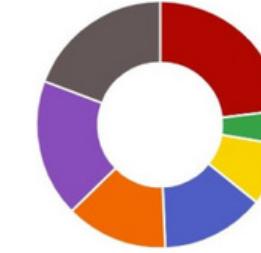
Home Page
My Profile
My Portfolio
Idea Space
Leaderboard

Nas Virat
Logout



@Nas Virat

Total Balance : 195,506.92 USD



Holding

Buy

Sell

| Symbol | Price | Cost Price | Quantity | Market Value | P/L | P/L% |
|--------|--------|------------|----------|--------------|-------|---------|
| VAL | 65.6 | 63.41 | 300 | 19,680 | 657 | 3.45 % |
| FCX | 38.04 | 35.4 | 100 | 3,804 | 264.5 | 7.47 % |
| COPX | 34.7 | 32.44 | 200 | 6,940 | 452.5 | 6.97 % |
| LSLQ | 57.74 | 60.7 | 100 | 11,548 | -592 | -4.88 % |
| XOM | 113.61 | 108.9 | 550 | 11,361 | 471 | 4.33 % |
| TSM | 27.85 | 29.62 | 200 | 15,317.5 | -974 | -5.98 % |
| Total | | | | 68,650.5 | 279 | 0.4 % |



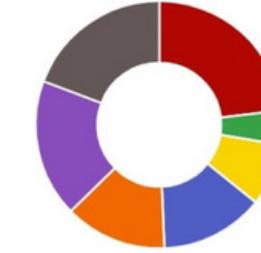
Home Page
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Leaderboard

Nas Virat
Logout



@Nas Virat

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My portfolio page

My portfolio (Buy/Sell) page

DESIGN



SPFNR

- Home Page
- My Profile
- My Portfolio
- Idea Space
- Leaderboard



Someone

Logout

@Someone

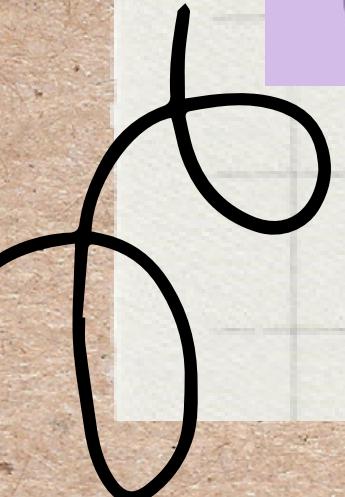
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Other portfolio page



SPFNR

- Home Page
- My Profile
- My Portfolio
- Idea Space
- Leaderboard



Nas Virat

Logout

Idea Space

Enter your Keyword

Go

Create Post



Pechdanai Saepong 11/16/2022, 11:03:44 PM

Would it be possible to "earn" a living by staking 32 ETH?

Let's assume 32 ETH will be worth at least 64k\$ with potentially rising to 120k\$+ in bull runs. Then assume getting at least 7% APY rewards, then you will have a yearly range of 5000 to 8400. Now if we assume long term ETH with all the updates and more adoption, let's say it will reach 10k\$ per ETH,

Read more

4



Chano Macintai 11/10/2022, 11:03:22 PM

What can I do to make my non-spendable wallet in Blockchain to be spendable?

Either you came here from my other story "Non Spendable Bitcoin - The truth" or you met some Bitcoin miner online. And they promised you that he will help you to mine bitcoin or there is some Forex trader/manager who said he is working with a great bitcoin trading firm which allows you to earn \$10,000 in 20 hours by investing \$700. What ever is the case, but now you have some Non-spendable btc showing up in your wallet as non spendable which you can not spend or withdraw because you do not own the private key i will advise you to click my profile for expert details that can help you .

3

Add a comment

Add comment



Meow 11/02/2022, 11:03:11 PM

Would it be possible to "earn" a living by staking 32 BTC?

Let's assume 32 ETH will be worth at least 64k\$ with potentially rising to 120k\$+ in bull runs. Then assume getting at least 7% APY rewards, then you will have a yearly range of 5000 to 8400. Now if we assume long term ETH with all the updates and more adoption, let's say it will reach 10k\$ per ETH,

All idea page



DESIGN



View post page



Write idea page

DESIGN



SPFNR

Home Page

My Profile

My Portfolio

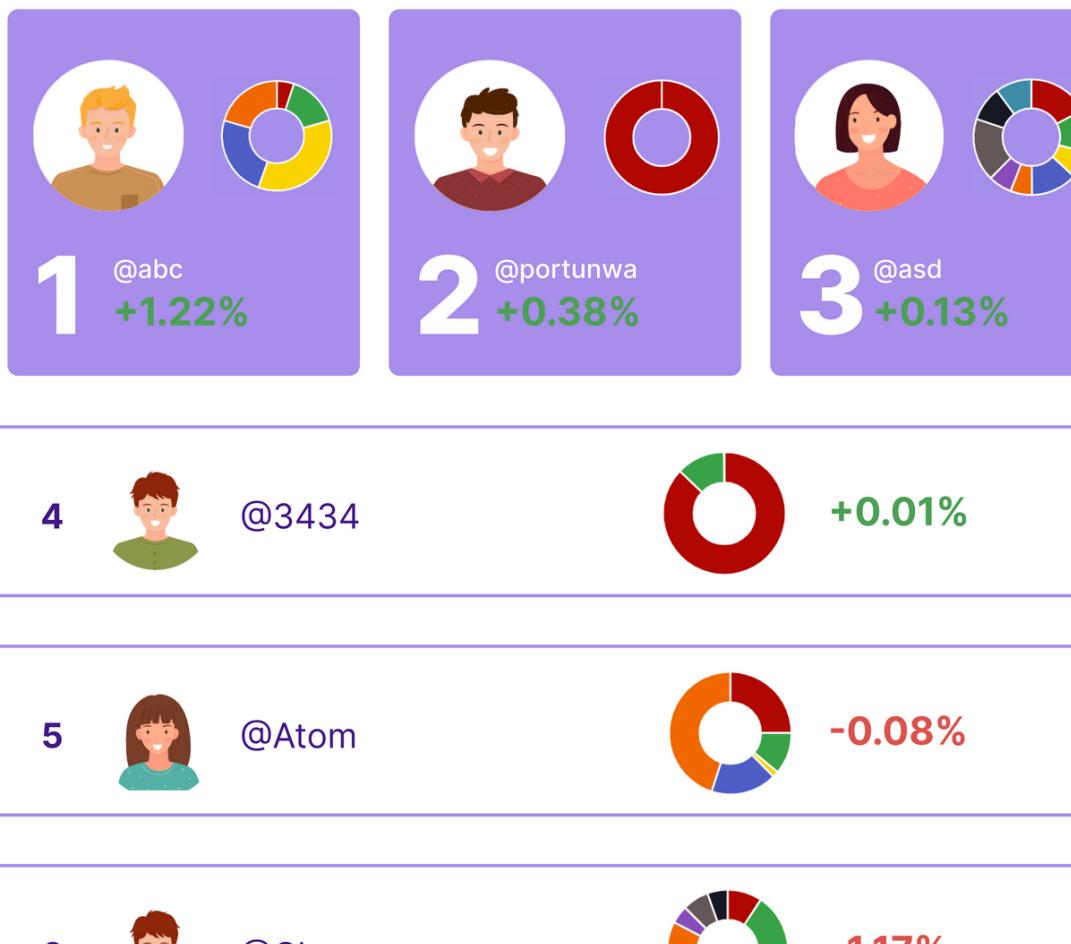
Idea Space

Leaderboard

Nas Virat

Logout

Leaderboard



Leaderboard page



SPFNR

Home Page

My Profile

My Portfolio

Idea Space

Leaderboard

Admin

Nas Virat

Logout

Annoucement

Enter your Topic

Say something....

Draft Publish

Draft

Announcement 6 11/16/2022, 11:03:44 PM
I forgot what i had figure out



Edit

Publish

Previous Next

Control

Restart Competition
This will reset all user balance.Start competition

ONGOING

Admin control page

DESIGN

SPFNA

Home Page

My Profile

My Portfolio

Idea Space

Leaderboard

Nas Virat

Logout

Nas Virat

My Currency

Convert Currency

1 USD = 37.78 THB

3 USD

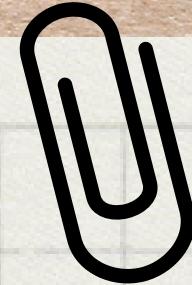
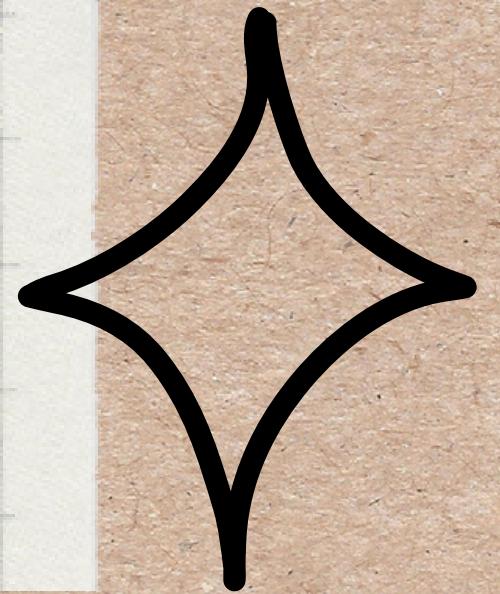
123.34 THB

Total Balance 3000 USD

Convert

Convert currency page

EVALUATION



PROJECT PROCESS

Planned

- Finish phase by phase.
- Finish all requirements.
- Program and testing separately

Actual

- Back to do previous phase again like documentation.
- Do both programming and testing in the same time.
- Some requirements not finished

OUTCOME & ANALYSIS

- PROJECT COMPLETENESS

STOCK SIMULATION

LEADERBOARD

IDEA SPACE

ADMIN CONTROL



Convert Currency

P&L Distribution



- MISUNDERSTAND ABOUT PROCESS
- PROBLEM

FUTURE DEVELOPMENT

- IMPROVE UI DESIGN TO BE RESPONSIVE
- IN IDEA SHARING FEATURE, WE CAN ADD IMAGE TO THE POST
- ADD MORE STOCK MARKET SUCH AS THAI, CHINA, ETC.
- ADD MORE VISUALIZATION FEATURE

THANK YOU



"Meaw Tom is our group avatar" - Chanon Khanijoh, the full-stack said