



INVESTMENT  
MARKETPLACE

# TECHNICAL ARCHITECTURE

V1.4 - POCR - 2022/01/23

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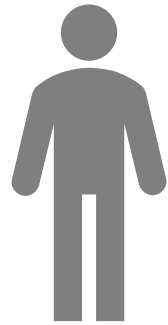
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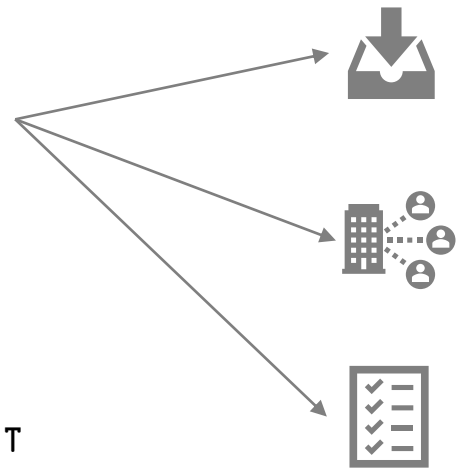
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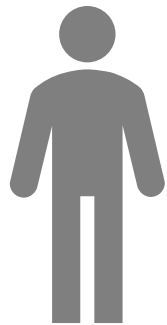
# USE CASES



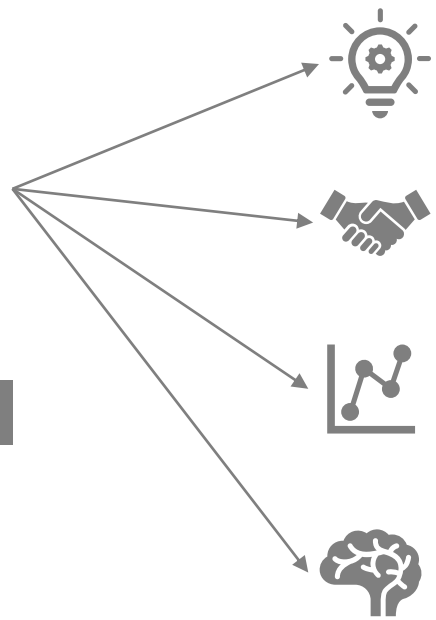
ADMIN



- 1. ADMIN OVERSIGHT
- 2. ALLOCATE REVIEWERS
- 3. DISTRIBUTE SCORES



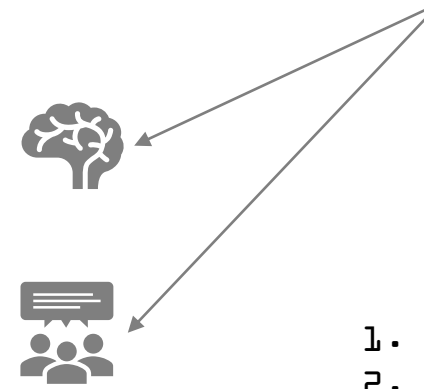
ENTREPRENEUR



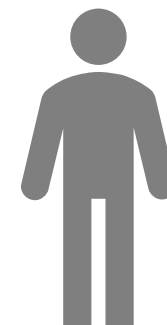
- 1. CREATE PROFILE
- 2. NEGOTIATE OFFER
- 3. REPORT METRICS
- 4. ACCEPT MENTORSHIP\*



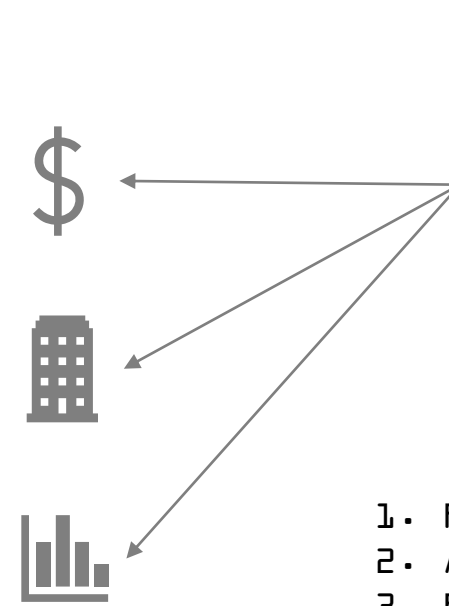
REVIEWER



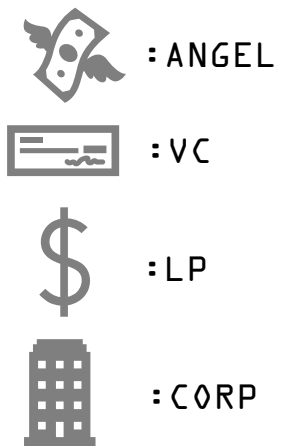
- 1. REVIEW STARTUPS
- 2. MENTOR ENTREPRENEUR



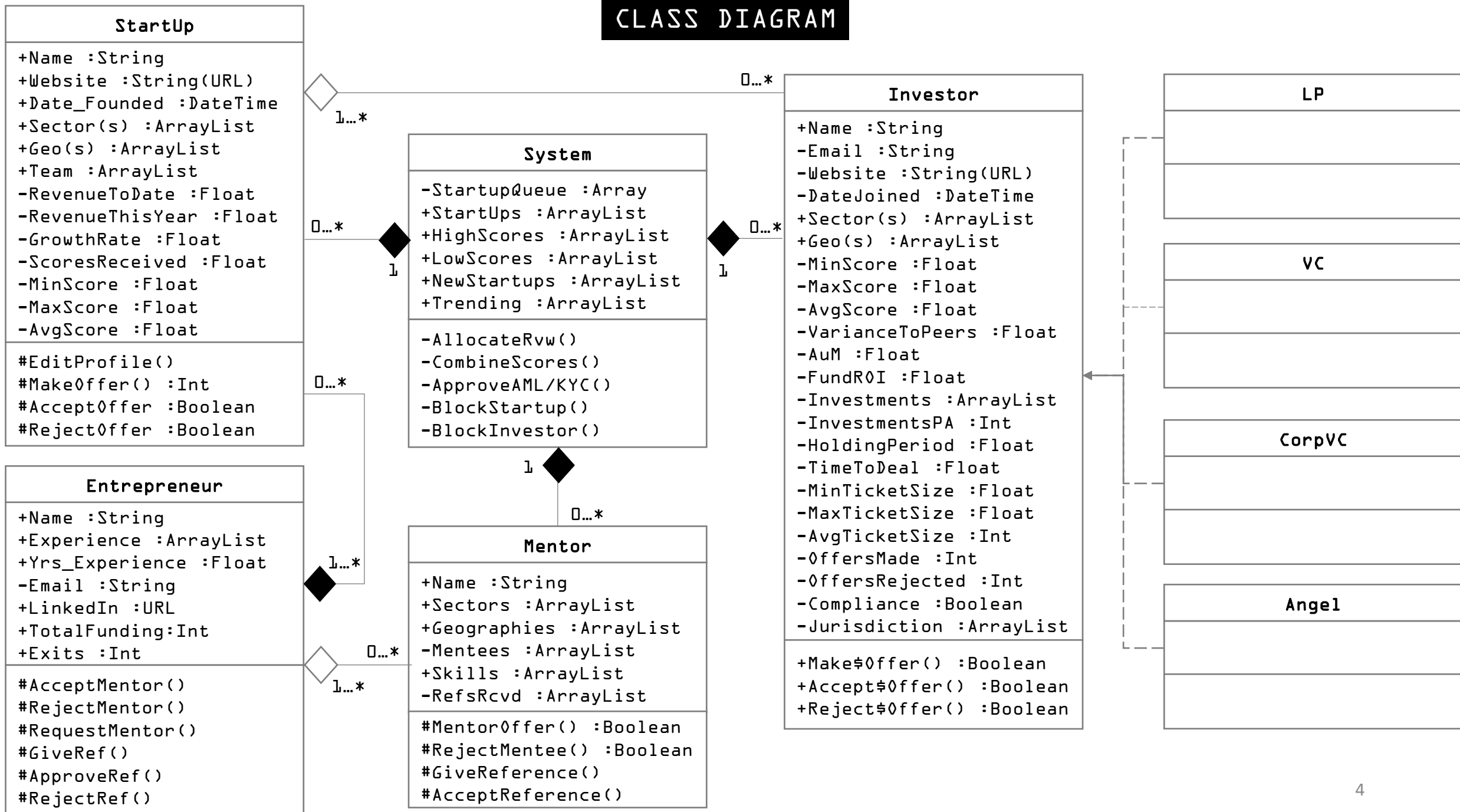
INVESTOR



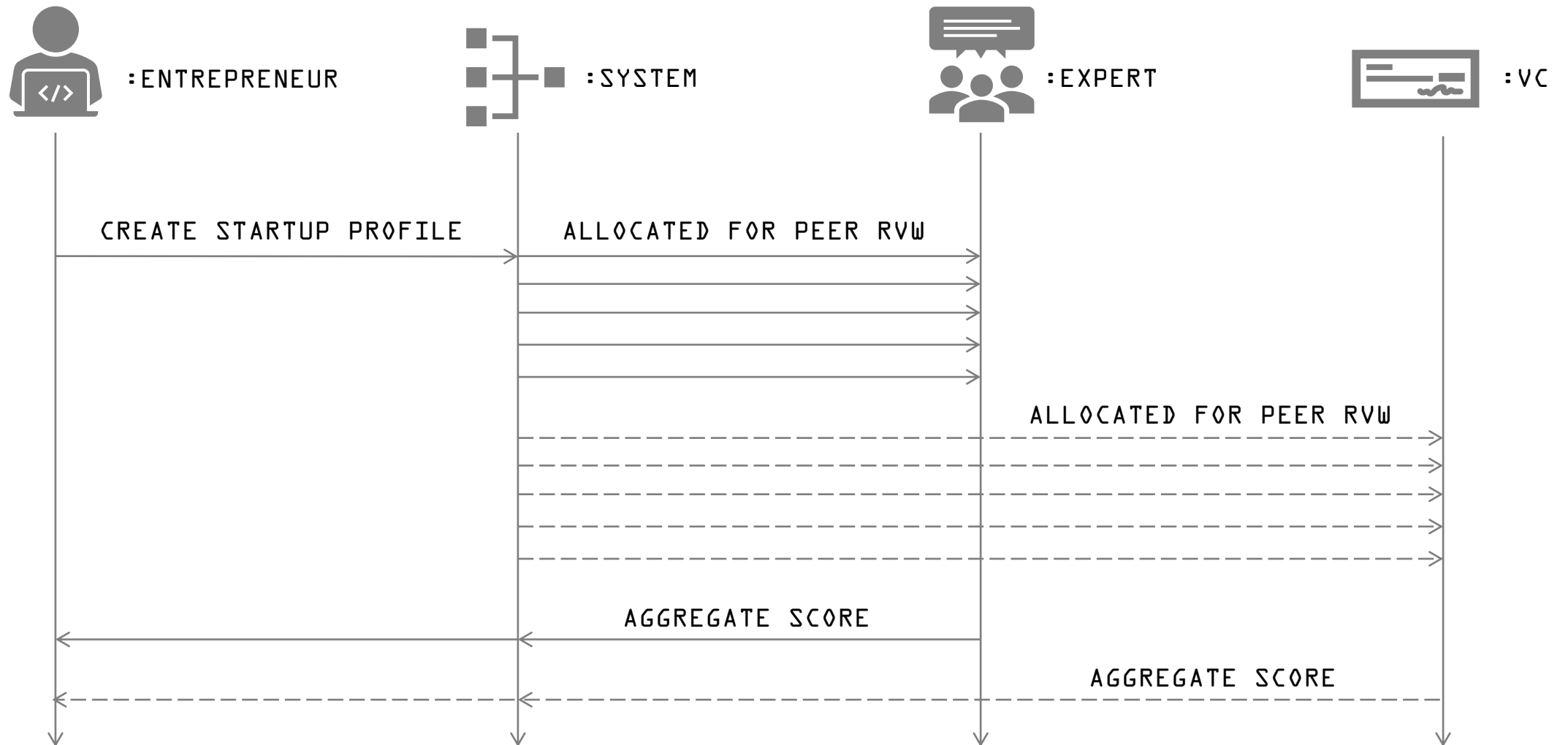
- 1. REVIEW STARTUPS\*
- 2. ALLOCATE CAPITAL
- 3. REPORTING TO LP's



# CLASS DIAGRAM

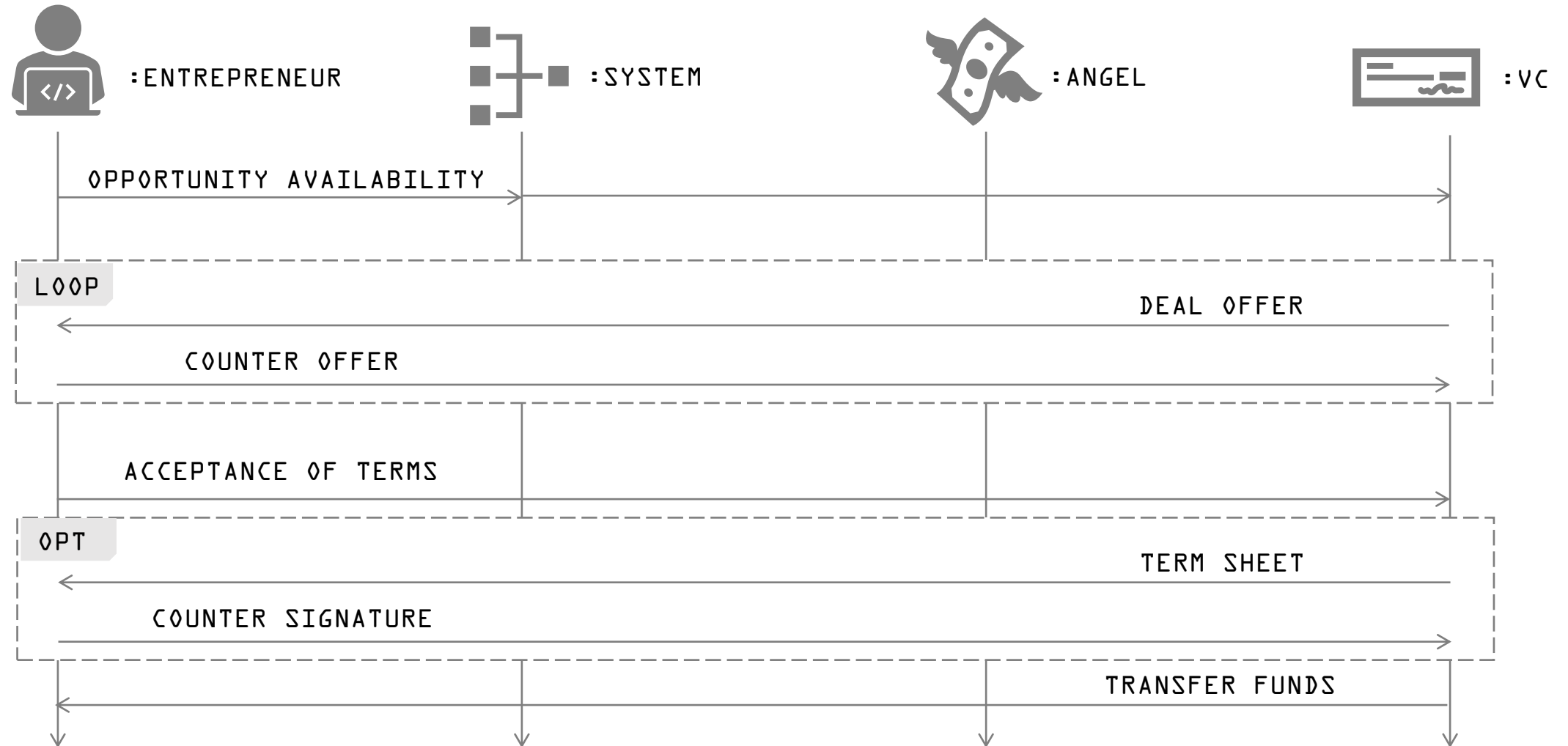


## SEQUENCE DIAGRAMS - PEER REVIEW



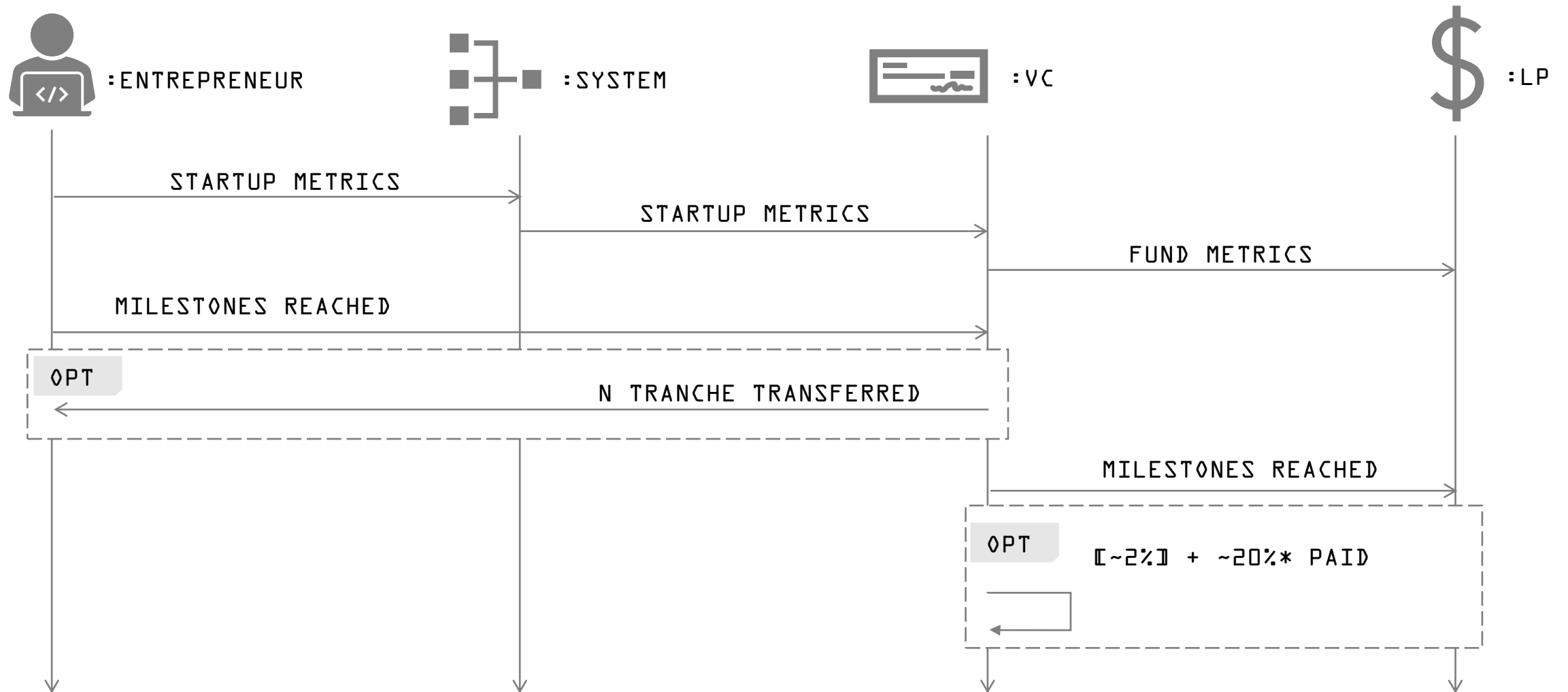
PEER RVW IS TYPICALLY CONDUCTED BY 3-13 EXPERTS ON EARLY STAGE VENTURES; VC'S MAY WANT EARLY ACCESS AND COULD BE MORE HESITANT TO SHARE THEIR JUDGMENTS ON DEAL FLOW, INSTEAD PREFERRING TO RETAIN PROPRIETARY EDGE & ACT ON OPPORTUNITY.

# SEQUENCE DIAGRAMS - DEAL NEGOTIATION



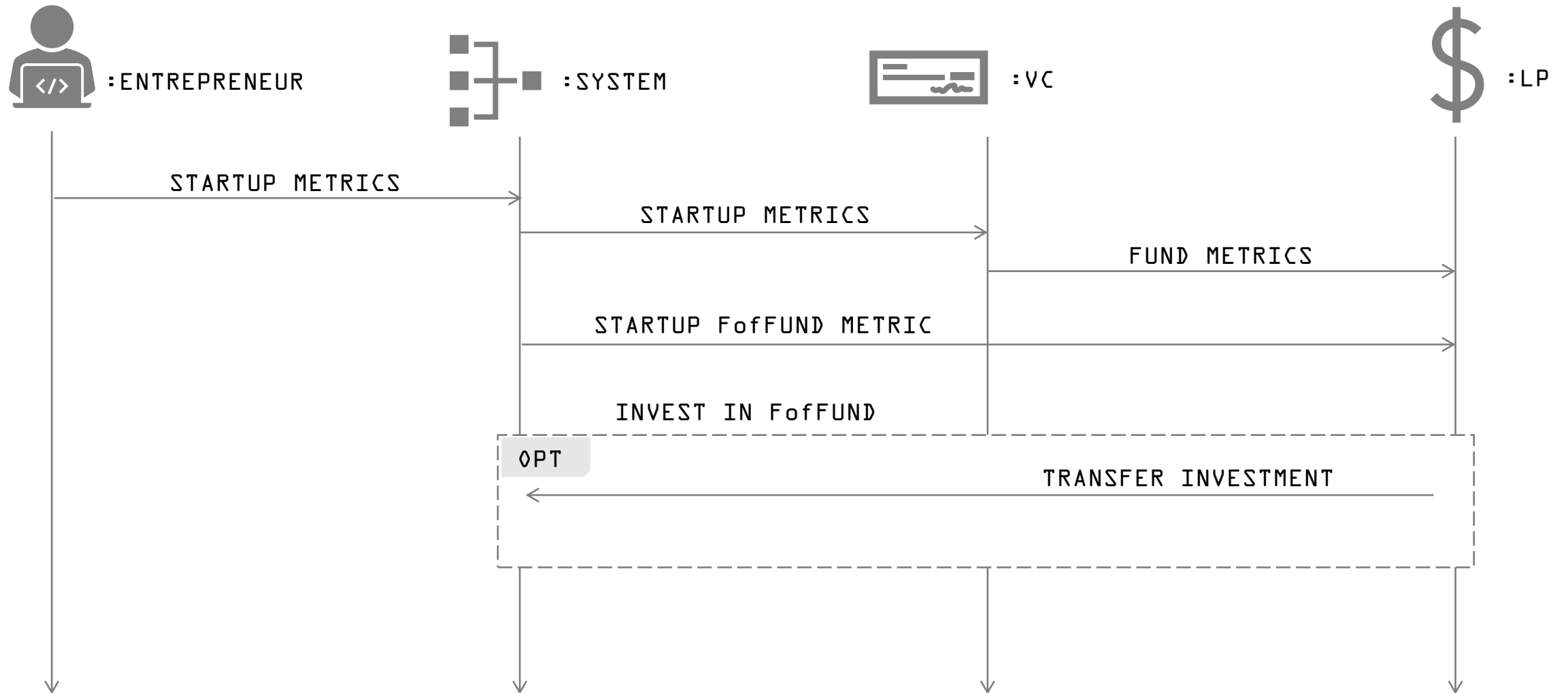
DEALS MAY BE COMPLEMENTARY OR COMPETITIVE BETWEEN EXPERTS AND VC'S - OPERATING ON TIMESTAMPS TO SEQUENCE ORDER. NEGOTIATIONS LOOP UNTIL ABANDONMENT OR AN ACCEPTANCE STATE, WHICH ESCAPES THE LOOP AND MOVES TO LOCKING A DEAL [PAPERWORK + TRANSFER OF FUNDS]. ENTREPRENEUR OR ANGEL OR VC MAY INITIATE THE DEAL OFFER CYCLE.

# SEQUENCE DIAGRAMS - REPORTING & METRICS



THE INTERACTION FLOW IS SIMILAR - MUTATIS MUTANDIS - FOR THE ANGEL OR VC MODEL, THE ENTREPRENEUR SUPPLIES DATA TO THE INVESTOR. PERFORMANCE FEES NORMALLY PAID ON FUND END/EXIT - FOR ILLUSTRATIVE PURPOSES HERE. FURTHER, IN THIS & ALL DIAGRAMS CONFIRMATION OF RECEIPT MESSAGES WILL ALSO BE SENT FOR IMPORTANT MESSAGES.

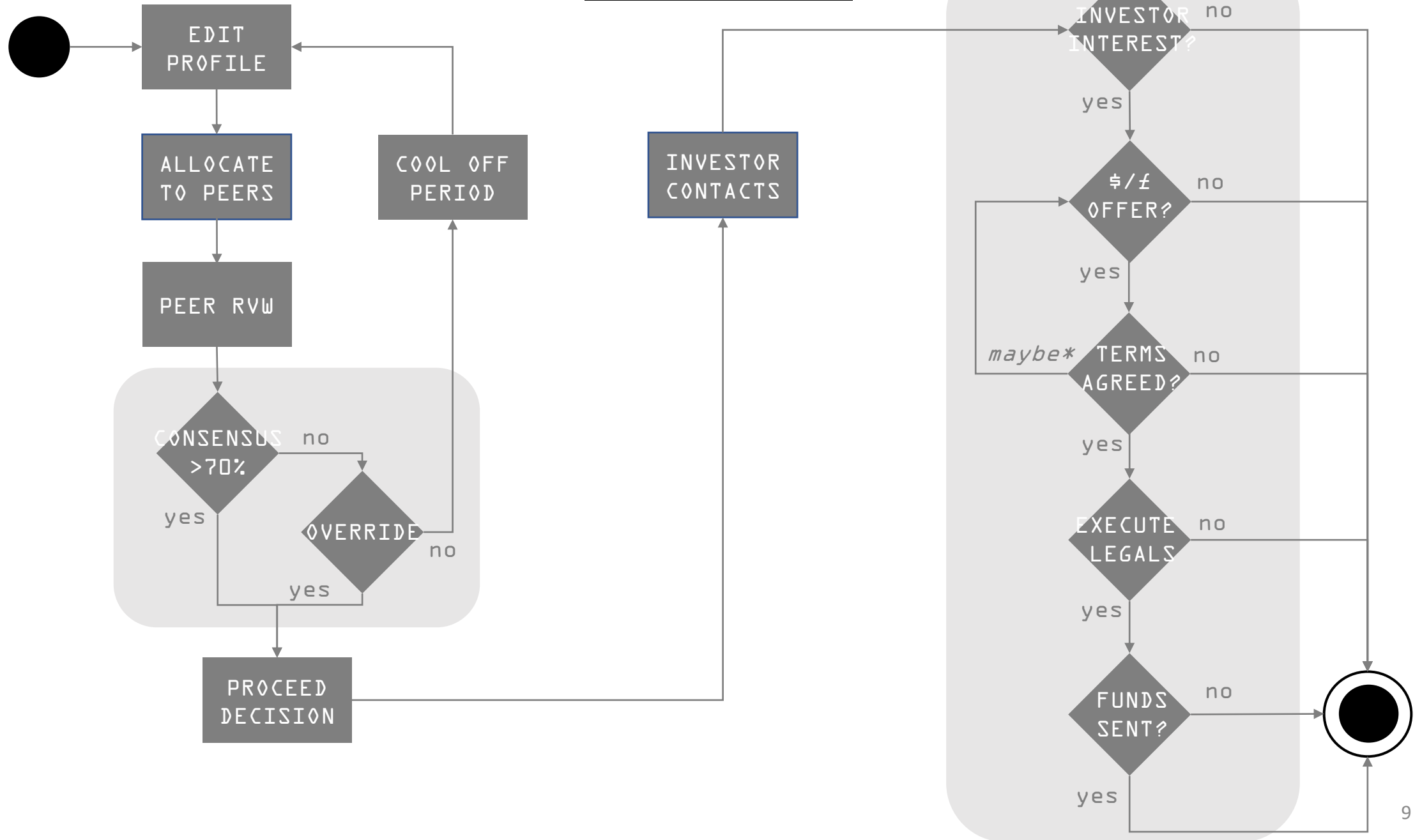
## SEQUENCE DIAGRAMS - THEMATIC PACKAGES



THEMATIC PACKAGES ARE ESSENTIALLY FUND OF FUNDS FROM TRADITIONAL INVESTMENT MARKETS; SLICING & DICING RISK PROFILES, GEO, OR DEFINEABLE CRITERIA TO SEGMENT, SORT AND AGGREGATE. THE SCOPE OF STARTUP INVESTMENT METRICS PROVIDED TO UNVC, POSSIBLY BY-PASSING EXISTING VC FUNDS, MAY OPEN UP CO-OPETITION CONCERNS, TBC.



# STATE DIAGRAM



# ENTREPRENEUR PROFILE

SAM SMITH



ZYTOLA



RAISING \$500k  
SEED CAPITAL  
US LLC

CONTACT

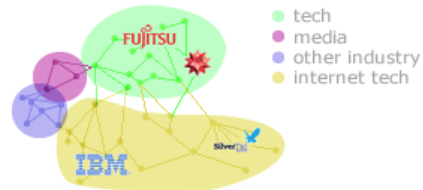
CAREER



EDUCATION



NETWORK




GEO



REFS

 **daniel grey** ceo fantasy company. 24 dec 2013  
"daniel is an excellent administrator, one of the brightest heads that i ever worked with. I will sure hire him again."  
punctual · knowledgeable · organized

 **samantha pink** head of comps. 12 aug 2013  
"brilliant. this is daniel described in one word. such a helpful, clever and extremely fast professional!"  
skilled · team player · straight to the point

SKILLS

- network administration
- project management
- C++
- jquery
- negotiation
- training
- accounting
- data analysis

# INVESTOR PROFILE - ANGEL

CHARLES LEE



VP DIGITAL  
ASSETS  
BLACKROCK  
LONDON

## SECTORS



## DEAL

- 17 DEALS
- MIN \$25k
- MAX \$500k
- AVG \$150k

## CONTACT

## CAREER

BLACKROCK **a16z** J.P.Morgan  
ANDREESSEN HOROWITZ

## EDUCATION



HARVARD  
UNIVERSITY

## DEALS



## DATA



## GEO



## REVIEWS

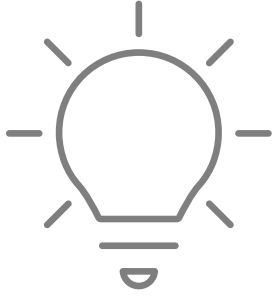
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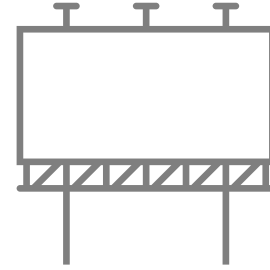
## BROWSE BY SECTOR



NEW



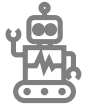
TRENDING



SPOTLIGHT



HIGH SCORE



ROBOTICS



AI



HEALTH



GOVTECH



GAMING



XR



FOOD



AGRITECH



TOOLS



ANALYTICS



FINTECH



LAWTECH



MEDIA



MOBILE



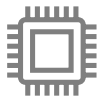
FEMALE



AGEING



CLOUD



HARDWARE



TRAVEL



LOGISTICS



BLOCKCHAIN



CRYPTO



ENERGY



WATER

## BROWSE BY INCUBATOR



FI

techstars\_

TECHSTARS

Y

Y

STATION F

STATION-F

London  
Business  
School

LBS

i

IMPERIAL



UCLA



CAMBRIDGE



VENTURE  
CATALYSTS



CREATE-X

















CAPITAL  
FACTORY

AMPLIFY

AMPLIFY

# SEARCH - FOR CAPITAL

QUERY	SEARCH								
INVESTMENT	< \$50k	< \$500k	< \$2m	< \$5m					
	< \$15m	< \$50m	< \$100m	< \$500m					
INDUSTRY									
GEO									
STAGE	PRE-SEED / SEED CAPITAL		STARTUP / SERIES A		SCALE UP / SERIES B/B+				
TRACTION	MVP		USERS		REVENUE				

## DATA I/O - GRANULARITY

AT WHAT LEVEL OF DATA TRANSACTION ARE WE RECONCILING TO THE BLOCKCHAIN; AT A MAJOR OR MINOR OR MICRO LEVEL? IS THE GOAL PUBLICLY RECORDING MAJOR TRANSACTION POINTS, I.E. A CONTRACT, OR THE MINOR TRANSACTION POINTS, I.E. THE BACK & FORTH OF TERMS? - A RECORD OF NEGOTIATIONS HAS EXTREME VALUE WHEN IN CONFLICT TO RESOLVE AMBIGUITY.

STRATEGY 1 - RELEASE ALL INTERACTIONS TO MAINNET.

STRATEGY 2 - RELEASE IMPORTANT NOTICES TO DLT.

ARE MAJOR WHAT EXTERNAL PARTIES CARE ABOUT? ARE MINOR WHAT INTERNAL PARTIES CARE ABOUT? ARE MICRO A TRUE NEED OR OVERLOADING NETWORK TRAFFIC WITH SUPERFICIAL DATA?

MAJOR	MINOR	MICRO
AML/KYC APPROVAL	ACCOUNT CREATION	LOG IN/OUT
PEER REVIEW DECISION	EXPERT AGGREGATE PEER SCORE	EXPERT SCORE BY ATTRIBUTE
INVESTMENT TRANSACTION	FUNDS SENT/RECEIVED	PROFILE EDITS
ANNUAL REPORT	PERIODIC AGGREGATE REPORT	24/7/365 STREAM OF DATA PTS
FUND TRANSACTION	NEW FUND CREATED	REAL TIME PERFORMANCE DATA
SMART CONTRACT EXECUTION	START/END AUCTION RUNTIME	TIMESTAMP EACH OFFER

# DEAL MODELS

## NEGOTIATED

- BESPOKE
- OFFER
- COUNTER-OFFER
- ACCEPTANCE
- EXECUTION

## FIXED

- FAST EXECUTION
- LOCKED PRICE
- TAKE IT OR LEAVE IT
- OFFERS > X OR == X
- SELF-SERVICE M&A

## AUCTION

- TIME LIMITED - START/END
- INDICATIVE PRICING RANGE
- INVITE/EXCLUDE BIDDERS
- RULES
  - NUMBER OF RULES
  - 2<sup>ND</sup> HIGHEST BIDDER WIN
  - FLOOR
  - NUMBER OF ROUNDS
  - PARTICIPATION FEE

→  
FUTURE

"NEGOTIATED" DEAL STRUCTURE TRANSLATES EXISTING DYNAMICS TO DLT.

"FIXED" BUILDS ON E-COMMERCE THINKING FROM THE CONSUMER REALM.

"AUCTION" AUGMENTS AUCTION DYNAMICS FOR A PREMIUM TRANSACTION ENVIRONMENT.



## TIMELINE - MVP

2023+

Q1

PEER RVW

- ALGORITHM
- SCORING POLICY
- SEQUENCING
- UI

DATA GRANULARITY

DB SCHEMA

Q2

UI

- FOUNDER PROFILE
- STARTUP PROFILE
- ANGEL PROFILE
- VC PROFILE

DOCUMENTATION

I/O NETWORK

Q3

FUND PROFILE  
FUND MARKETPLACE

BROWSE BY  
SEARCH BY

SMART CONTRACT v1

I/O PERFORMANCE

Q4

API  
DATA FEEDS I/O

DEAL MODELS -  
FIXED

SMART CONTRACT v2

CROSS CHAIN

FUND MARKETPLACE  
- TRANSACT

SMART CONTRACT  
TERM SHEET

SHAREHOLDER  
REGISTRY

DEAL MODELS -  
AUCTION

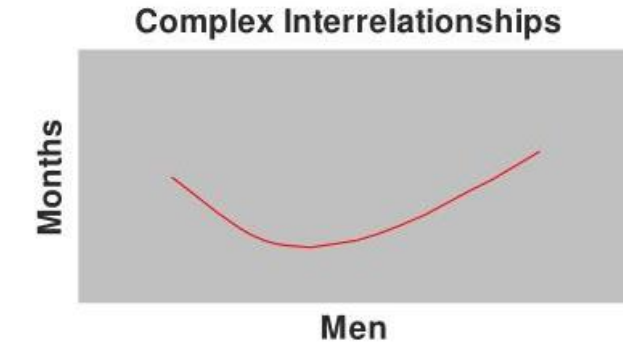
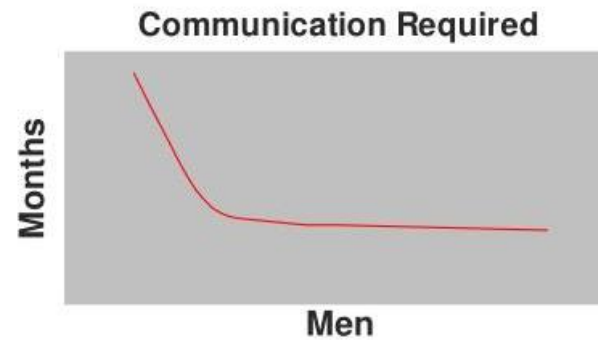
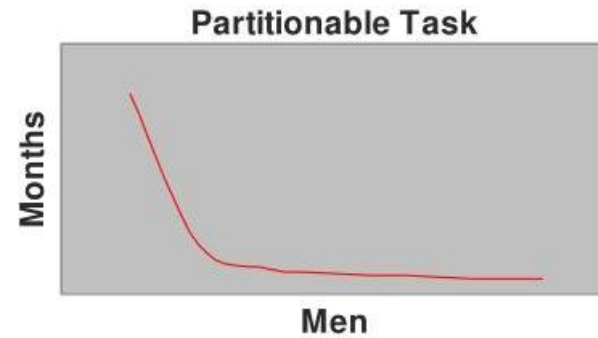
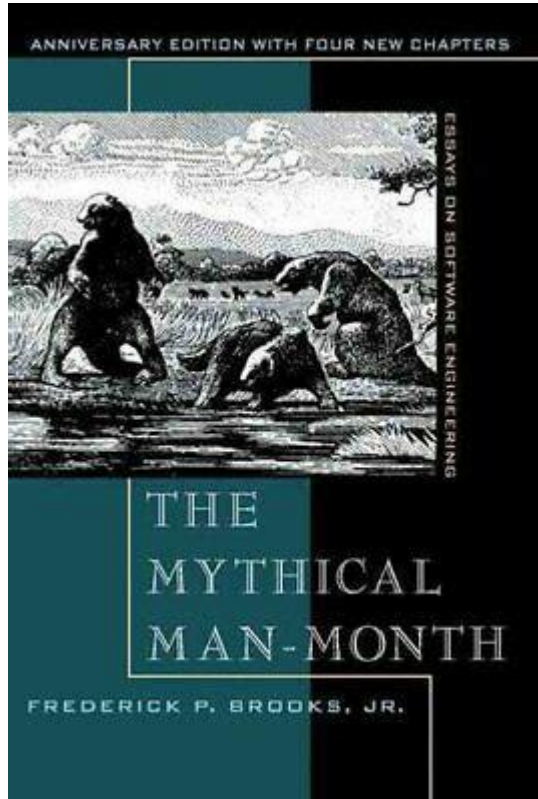
THEMATIC FUNDS -  
ALGORITHMIC

₹200K SEED - POC/MVP

₹2m GROWTH - MLP

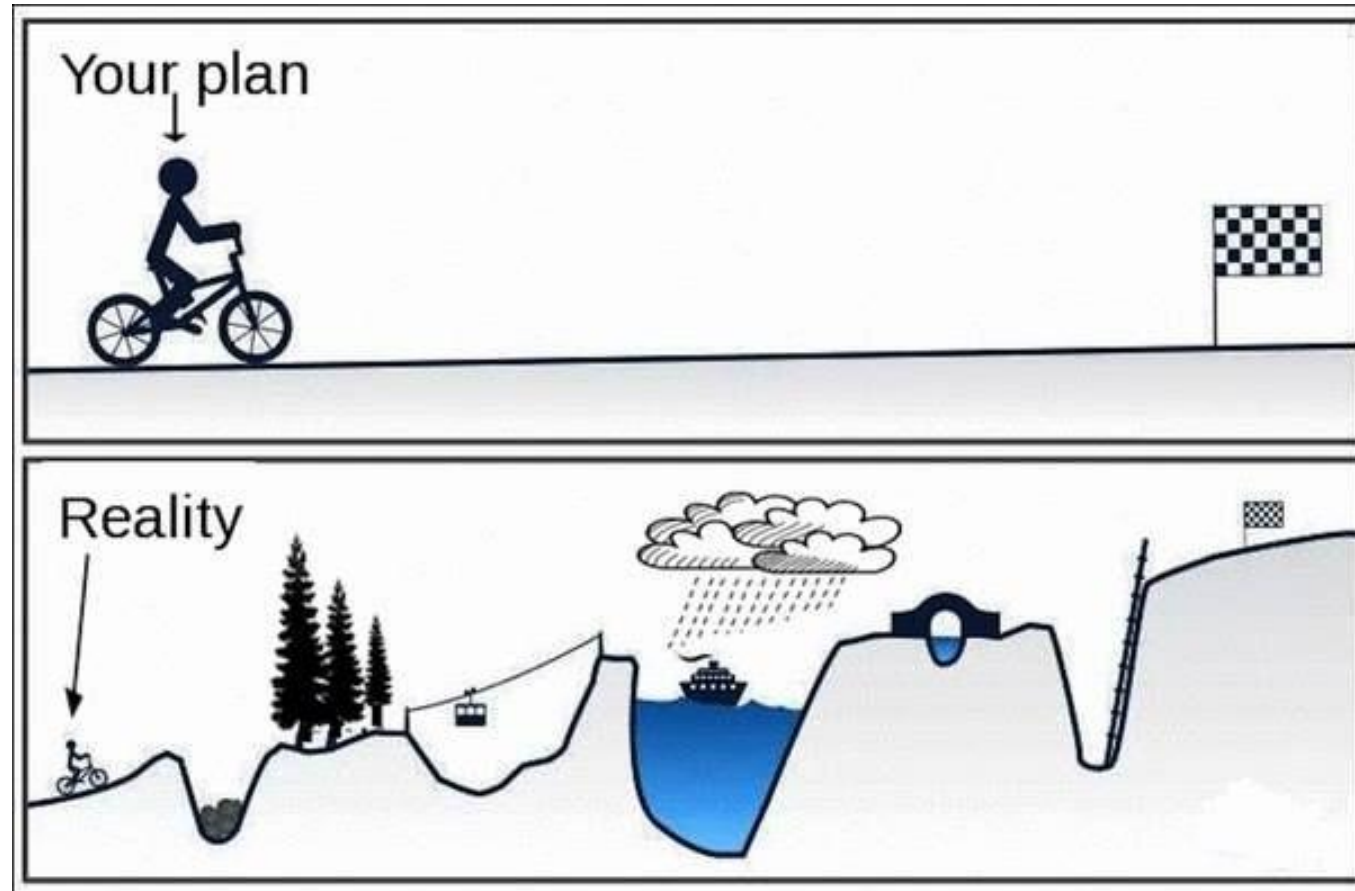
₹20m - SCALE

## APPENDIX: MIND WORK



TRUTH BOMB: MORE PEOPLE MAY SLOW + EVEN INCREASE PROJECT DELIVERY ON MIND WORK.

## APPENDIX: PLANNING



TRUTH BOMB: PROJECT DELIVERY IS OPTIMISITIC CHAOS MGT.

## APPENDIX: ADAPTATION

ONCE A WELL DESIGNED, ROBUST AND SCALEABLE PEER REVIEW SYSTEM  
IS IN OPERATION IT CAN BE ADAPTED FOR USE IN OTHER DOMAINS...

MEDICAL RESEARCH & PUBLISHING

ACADEMIC PUBLISHING & MARKING

PROJECT ESTIMATIONS, I.E. TECH

WHICH ARE ALL HIGHLY ACTIVE, DISTRIBUTED COMMUNITIES USING PEER  
REVIEW SUBMISSION AND APPROVAL DYNAMICS AT THEIR CORE.