Four types of system requirements?

functional reqts –
what the system does

non-functional reqts –

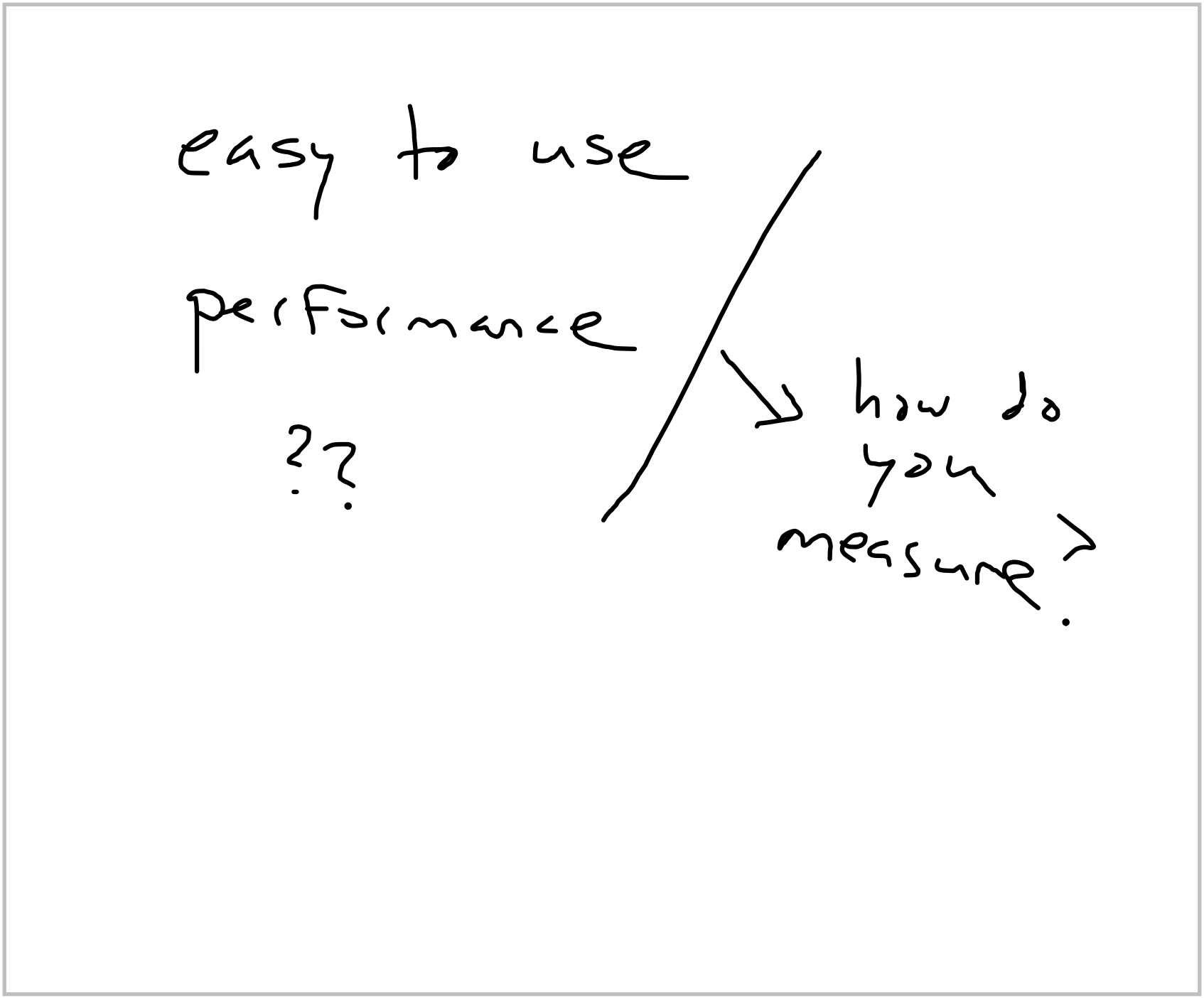
process reqts

design reqts

User generic "plain" lang

System specific notation / version

.


easy to use
performance
??
how do you measure?

- what is PID
- where destinations locked from / how many destinations
- exact order of actions not clear
- when does action occur?
- # of tickets
- rc or rc &pid

- Can you buy multiple tickets to same destination

- Can you only buy tickets to direct stops

- Can I buy a ticket from x → y

x ≠ current loc

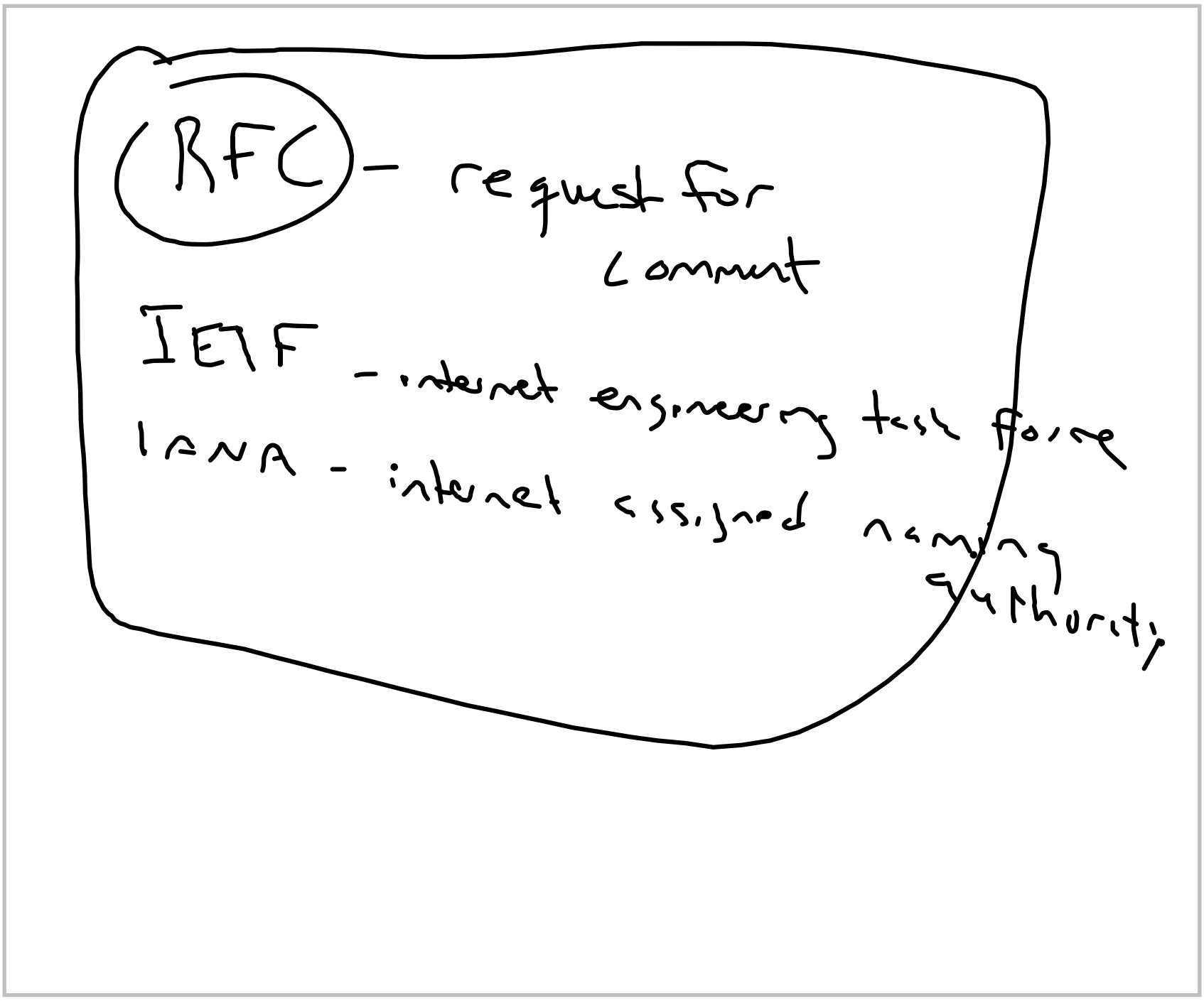
y ≠ curr loc

must press Start again to buy new ticket?

what happens if cc is rejected?

what happens if cc put in first?

Can customers cancel a transaction?


RFC - request for comment
IETF - internet engineering task force
IANA - internet assigned numbering authority

Function: determine acceptable destinations

Input: current location

Output: all the stations you can go to

Side effects: none

For Thursday

Email me* 3 non-functional requirements for the ticketing system

→ by ~~by~~ (before) beginning of class

1. Between 0900 and 1855
   each terminal should be unavailable
   for ≤ 5 minutes.

2. When validating credit cards
   system should display a "processing"
   message

3. After pressing any button, the user
   should see an indication on the screen
   within 2 seconds