

Answering System Design Interview Question

System design questions are open-ended and its easy to be get lost.
When I gave my first interview, I discussed requirement for almost an hour.
(which is how you typically take when you take a completely different task at work.)

Second time, I gave -- asked to design dropbox - followed no standard process. just casual discussion.
- after a year I learned from recruiter of the company ki I was given mild strength on system design.

Third Time, I gave , I focus on optimisation of one part -- making it strong case for problem solving but poor for system design.
- payment related specific problem

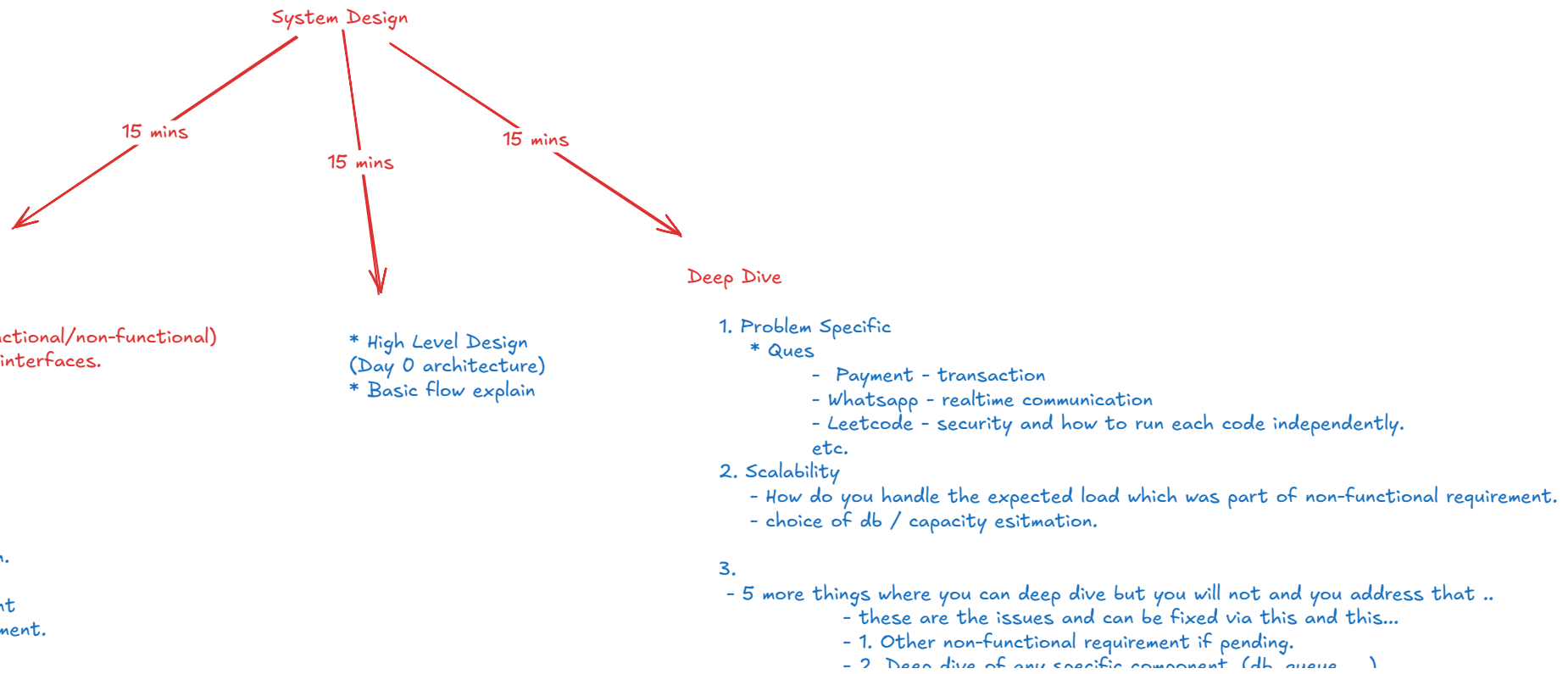
Then I Learned and mastered it.

Next time, I gave for meta -- Got Strong Hire for system design.

Key - time allocation and preps. (divide and conquer.)

* Understand the limitations.

* You have 15 mins to conquer a part, do it in that time and as much as you can and than move to next.. No matter what !! even If you have further ideas for optimization..



- 2. Deep dive on any specific component. (map, queue, ..)
- 3. Other optimisations / if may be relaxed constraint or tight constraint.
- 4. Handling failures, deployment, etc. etc.....
- 5. Geographical distribution, consistent hashing,.. use of any particular ds or algo specific to the problem.