

The X framework

Sheesh, that was a lot. Let me provide you a framework that you can use daily to solve any problem.

Client wants a project I've never done before, have no clue about it and has potential to be complex.

Here's what I am doing.

The X framework:

1. **The Big Picture Scan.** What is the big idea here?
2. **Focused Learning.** What are my key missing gaps?
3. **Feynman Technique.** Can a five year old understand my research?
4. **Identify niche.** Is this chat bot, ecommerce store, what is specific to this project?
5. **RRR.** Dive deeper into key missing gaps, what is the complexity, how long would it take, more research
6. **Simplify & Feedback.** If I was coming to a client with this would I be able to present a solution to him that he would understand?
7. **Main Problem.** What is the core solution the client wants?
8. **Decomposition.** What are the subproblems of our main problem?
9. **Abstraction.** What are essential subproblems?
10. **Remove Personal Bias.** What are biases around these problems?
11. **Easiest to Implement.** What could simplify my subproblems into an even easier solution to implement?
12. **First Principle.** If no one has ever solved these subproblems, how would I solve them on my own?