

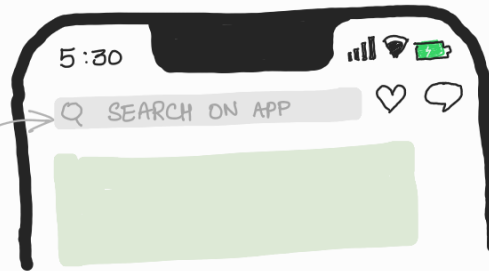
* UNLESS YOU'RE HIRING FOR A TECHNICAL PM / PROGRAM MANAGER ROLE



HOW DOES A FEATURE ACTUALLY* WORK ?

- PICK A COMPONENT YOU'RE CURIOUS ABOUT

↳ LET'S PICK "SEARCH" ON HOMEPAGE OF A GENERIC APP



- LIST DOWN ALL THE THINGS IT CAN DO (INPUTS/ACTIONS → OUTPUTS)*

* IT HELPS TO INITIALLY PICK SIMPLER COMPONENTS.

TAP ON SEARCH BAR

- type first Character → Nothing happens
- type a few more Characters → Dropdown with search results
- Type more Character → Search suggestions update each time.

Sho

Shoes casual
Shoes party wear
Shoes popular
Shower curtain

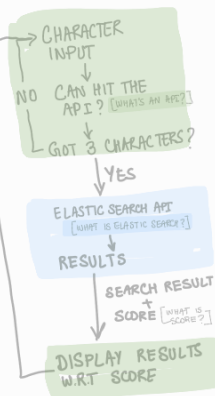
- DRILL DOWN INPUT → OUTPUT PAIRS ONE-BY-ONE TO EXPLORE MORE ON WHAT GOES ON IN THE BACKGROUND

* IT HELPS IF SOMEONE FROM YOUR DEV TEAM WALKS YOU THROUGH

① type first Character → Nothing happens

② type a few more Characters → Dropdown with search results

③ Type more Character → Search suggestions update each time.



KEEP DRILLING DOWN TO UNDERSTAND MORE!

THINGS U SHOULD KNOW

- HOW DOES A FEATURE ACTUALLY WORK ?

- LIMITATIONS OF TECH/SERVICES*

- UNDERSTAND BASIC TROUBLE-SHOOTING

* WHAT WE CAN & CAN'T DO WITH A GIVEN TECH

LIMITATION OF TECH/SERVICE

- ISOLATE INDIVIDUAL TECH 'SERVICES' YOU COME ACROSS

↳ LET'S TAKE "ELASTIC SEARCH" SERVICE FOR EXAMPLE

- UNDERSTAND LIMITING FACTORS FOR THIS SERVICE

- HOW MANY REQUESTS? CAN THIS API HANDLE / sec?
- HOW MANY CONCURRENT REQUESTS CAN IT HANDLE?
- HOW CLOSE DO WE CURRENTLY GET TO THESE LIMITS

HOW TO OPTIMIZE ?



LIKE TO READ MORE ?

MAKE SURE TO DEEPIVE ATLEAST ONE NEW COMPONENT WITHIN YOUR PRODUCT EVERY WEEK. SOON YOU'LL DEVELOP INTUITION ON HOW A NEW FEATURE SHOULD BE WORKING