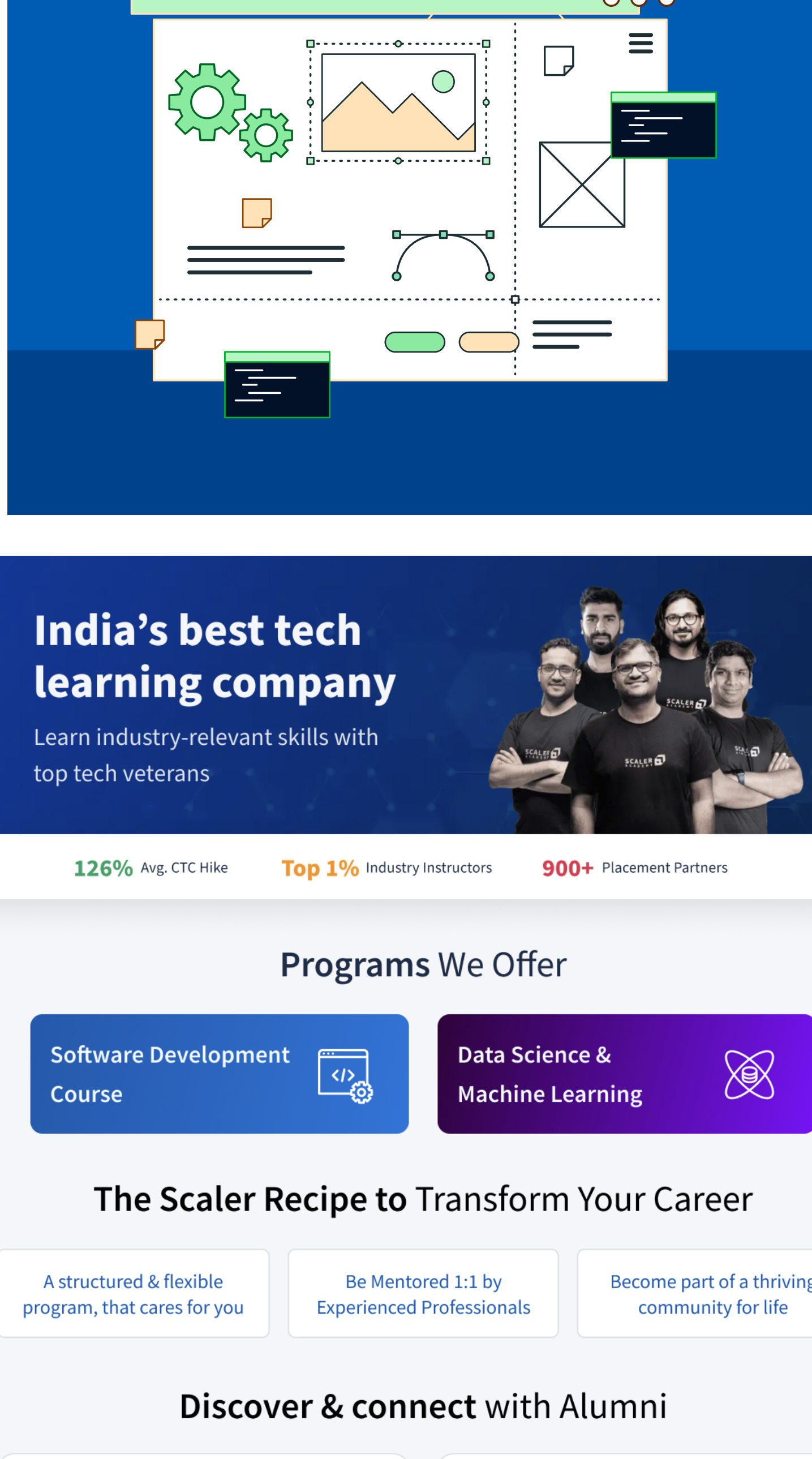
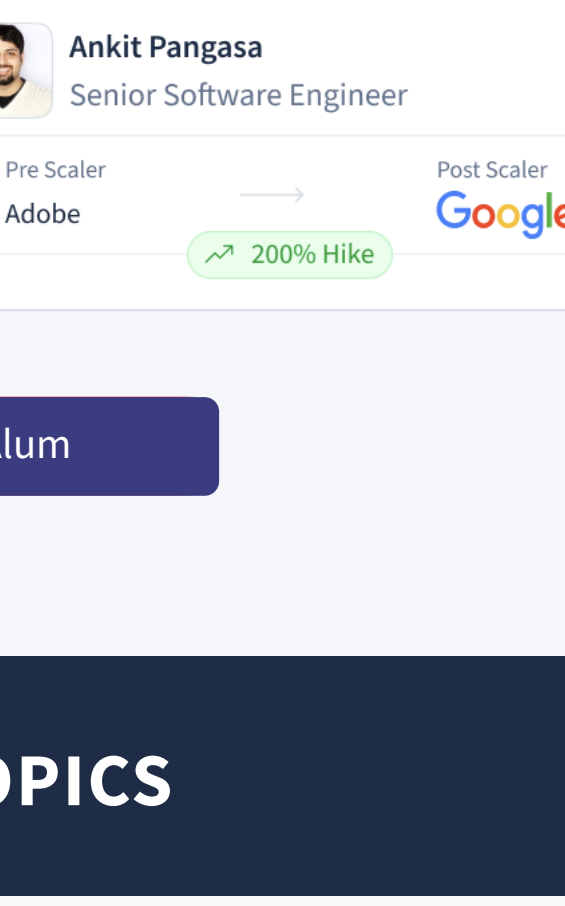


Infographics

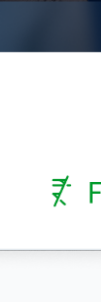
Steps for Approaching
HIGH-LEVEL DESIGN PROBLEMS
in InterviewsIndia's best tech
learning companyLearn industry-relevant skills with
top tech veterans

126% Avg. CTC Hike

Top 1% Industry Instructors

900+ Placement Partners

Programs We Offer

Software Development
CourseData Science &
Machine Learning

The Scaler Recipe to Transform Your Career

A structured & flexible
program, that cares for youBe Mentored 1:1 by
Experienced ProfessionalsBecome part of a thriving
community for life

Discover & connect with Alumni

Sudhanshu Gera
Software Engineer IIIPre Scaler
Wipro LimitedPost Scaler
Walmart

200% Hike

Ankit Pangasa
Senior Software EngineerPre Scaler
AdobePost Scaler
Google

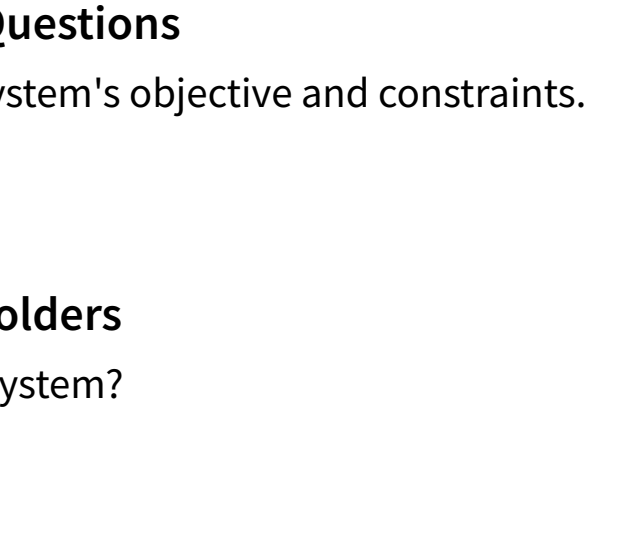
200% Hike

Connect with Alum

SCALER TOPICS

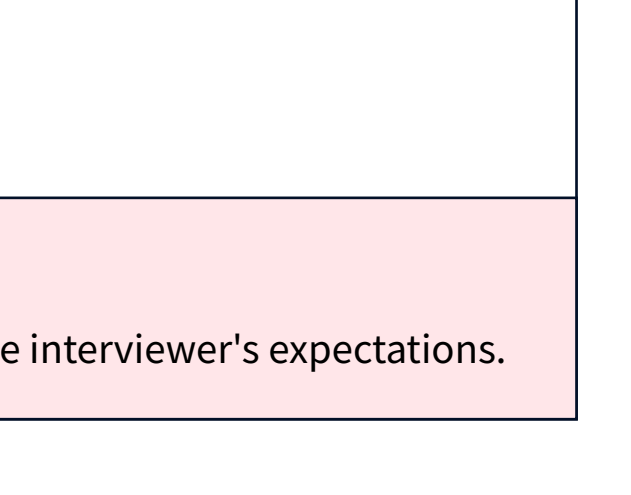
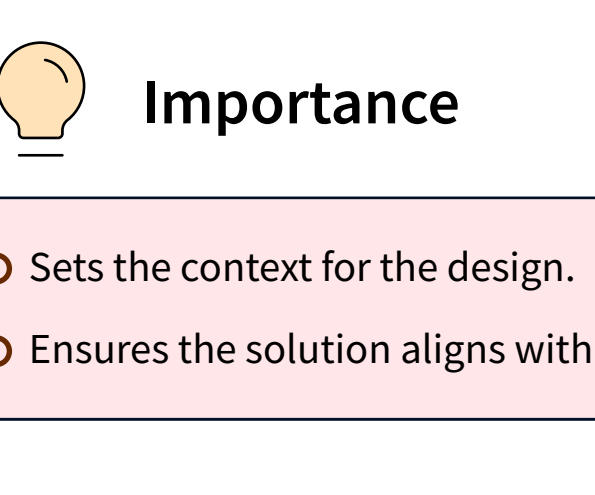
Unlock your potential in software development with
FREE COURSES from SCALER TOPICS!

Register now and take the first step towards your future Success!



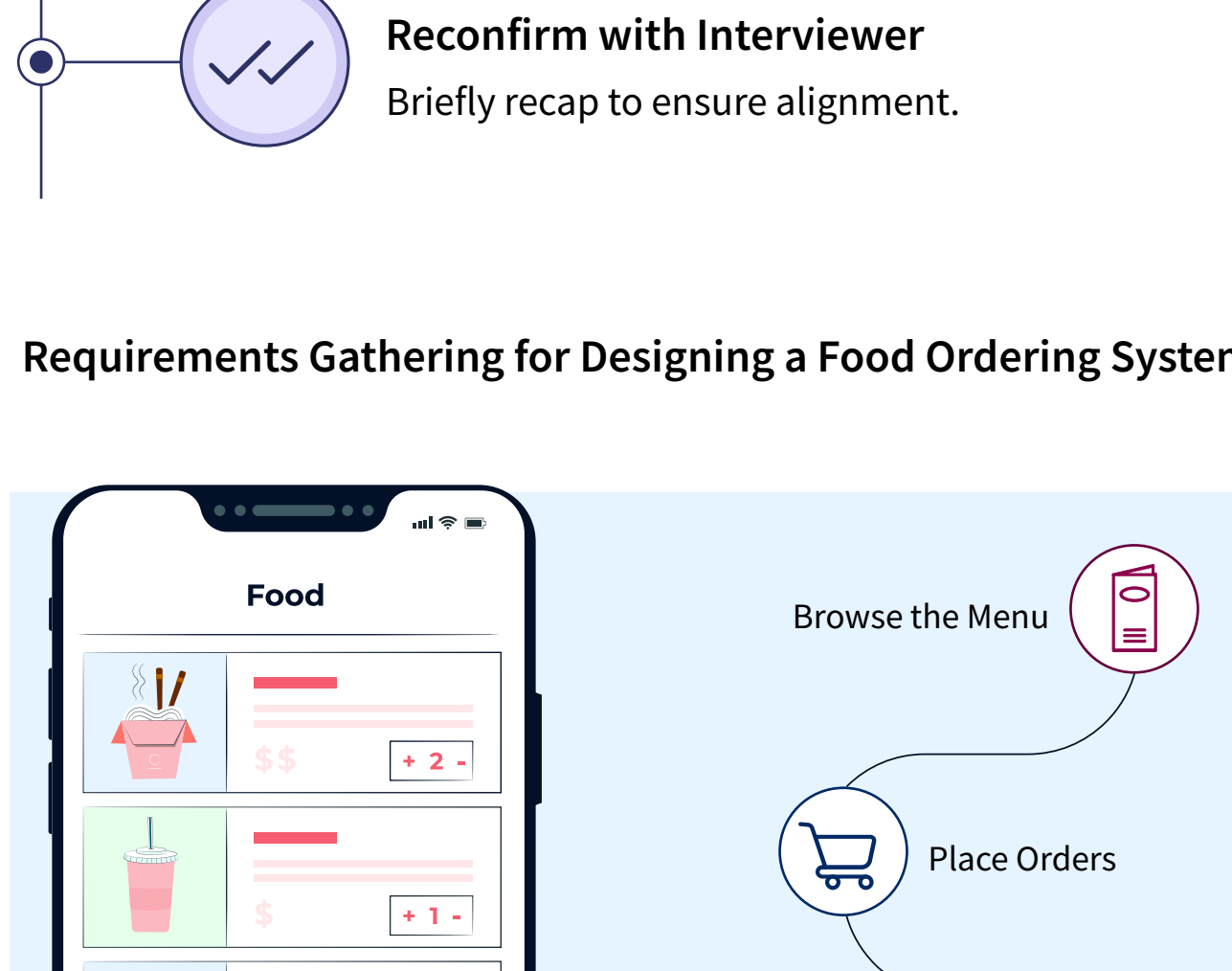
That's not it. Explore 20+ Courses by clicking below

Explore Other Courses

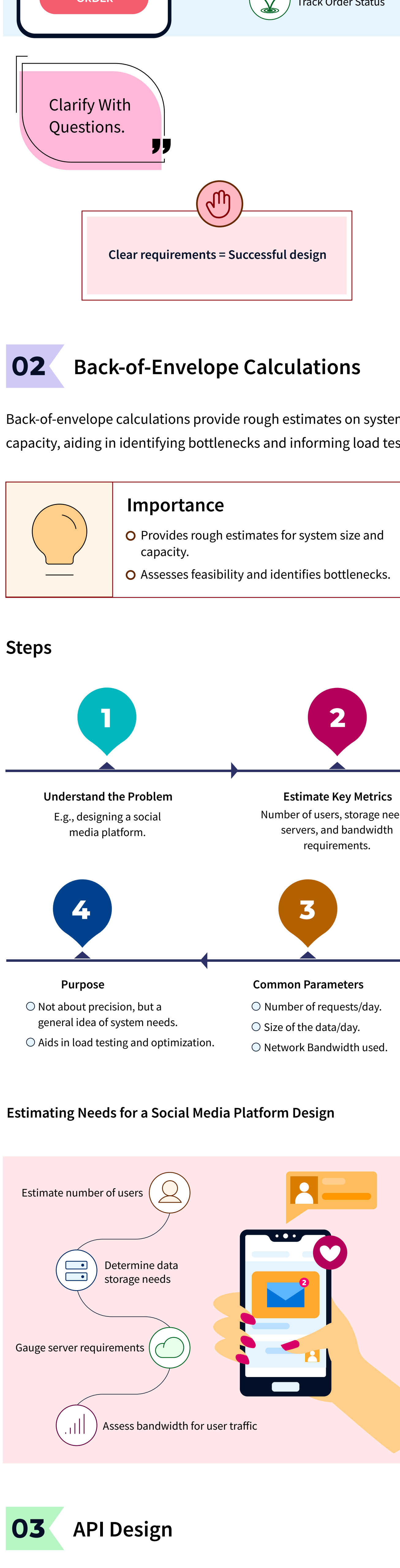
Practice CHALLENGES
and become 1% better everyday

Explore Other Challenges

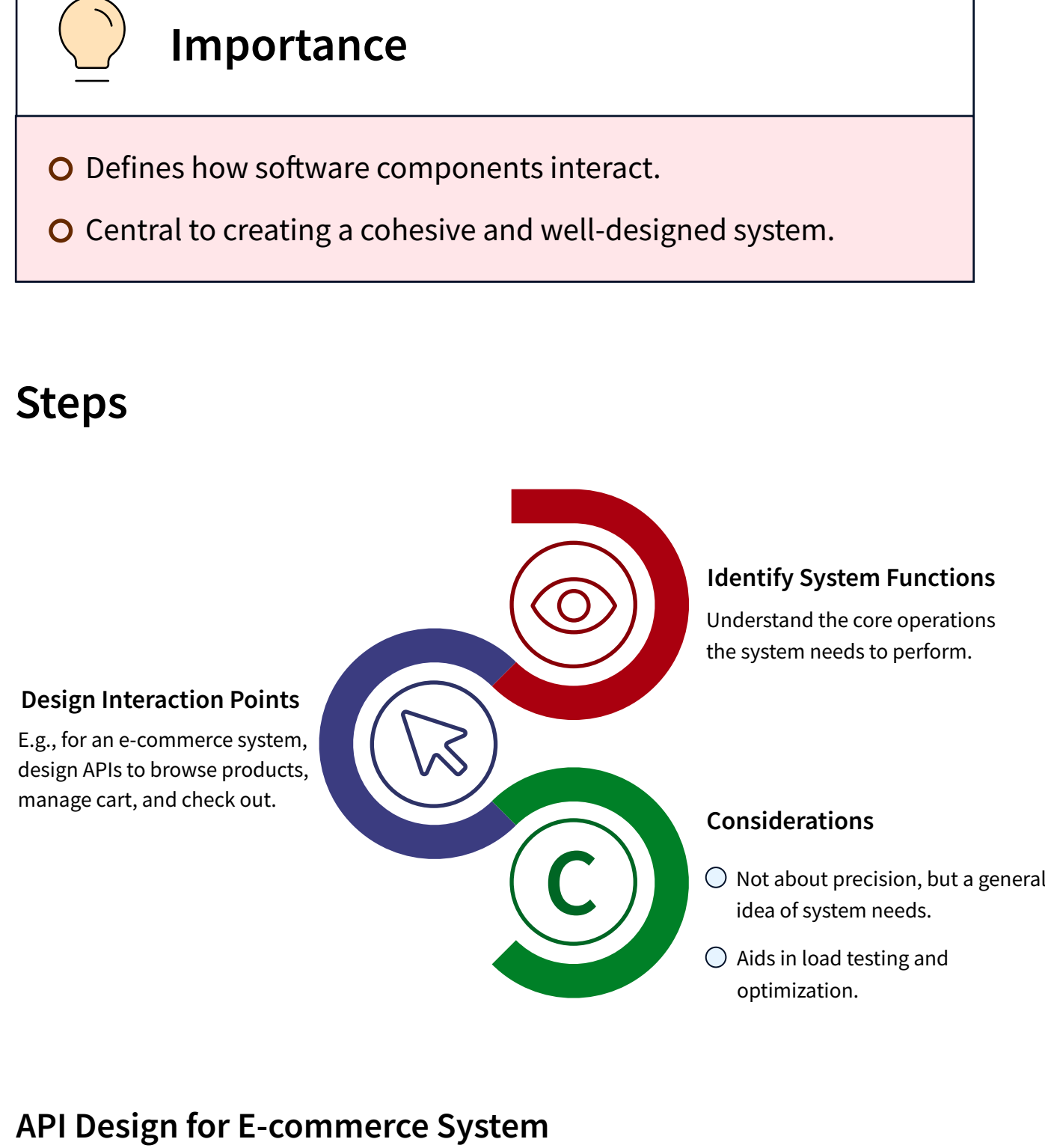
01 Requirement Gathering

Requirement gathering is the initial step in system design interviews
to clarify and understand the problem's scope and needs.

Steps

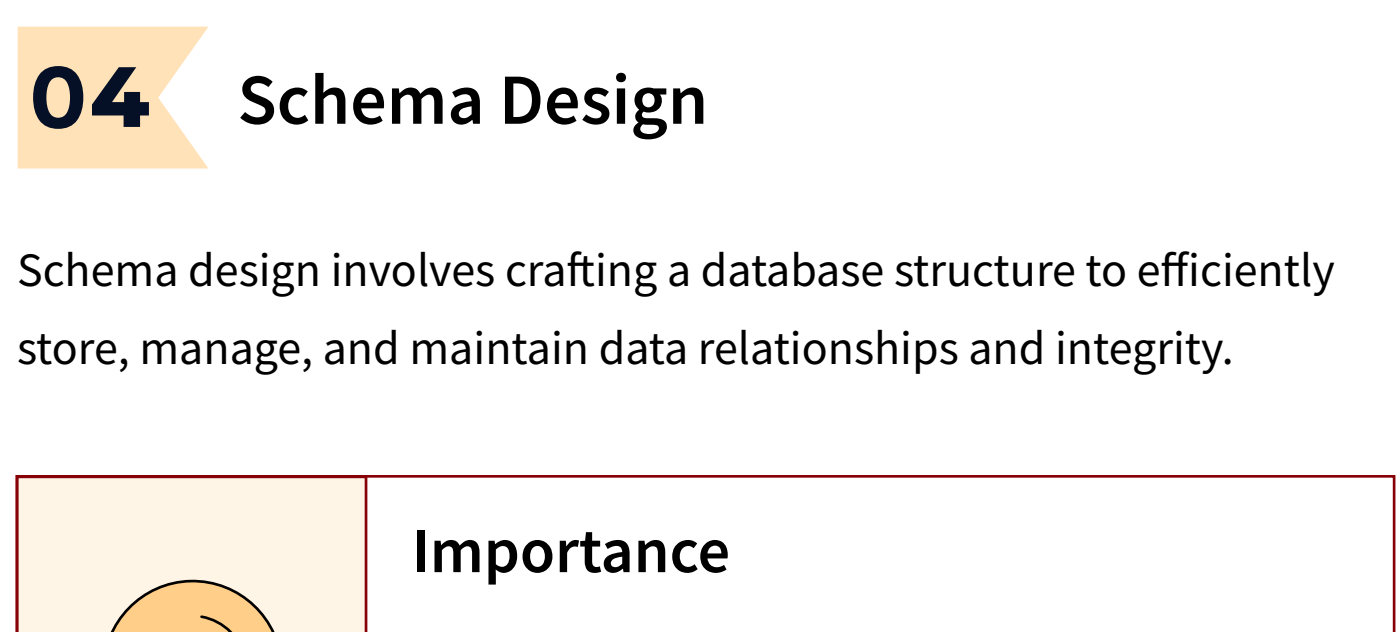


Requirements Gathering for Designing a Food Ordering System

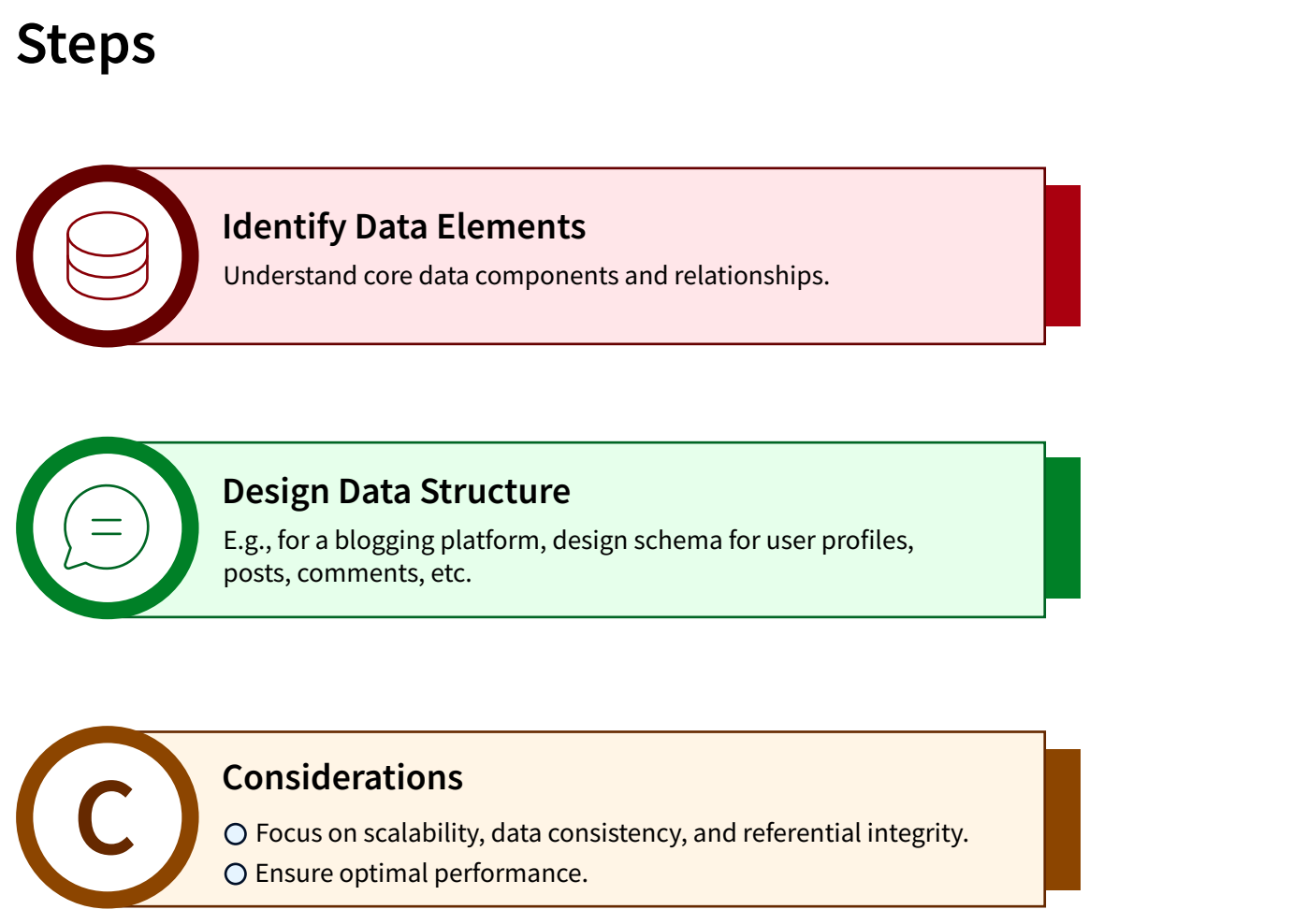
Clarify With
Questions.

Clear requirements = Successful design

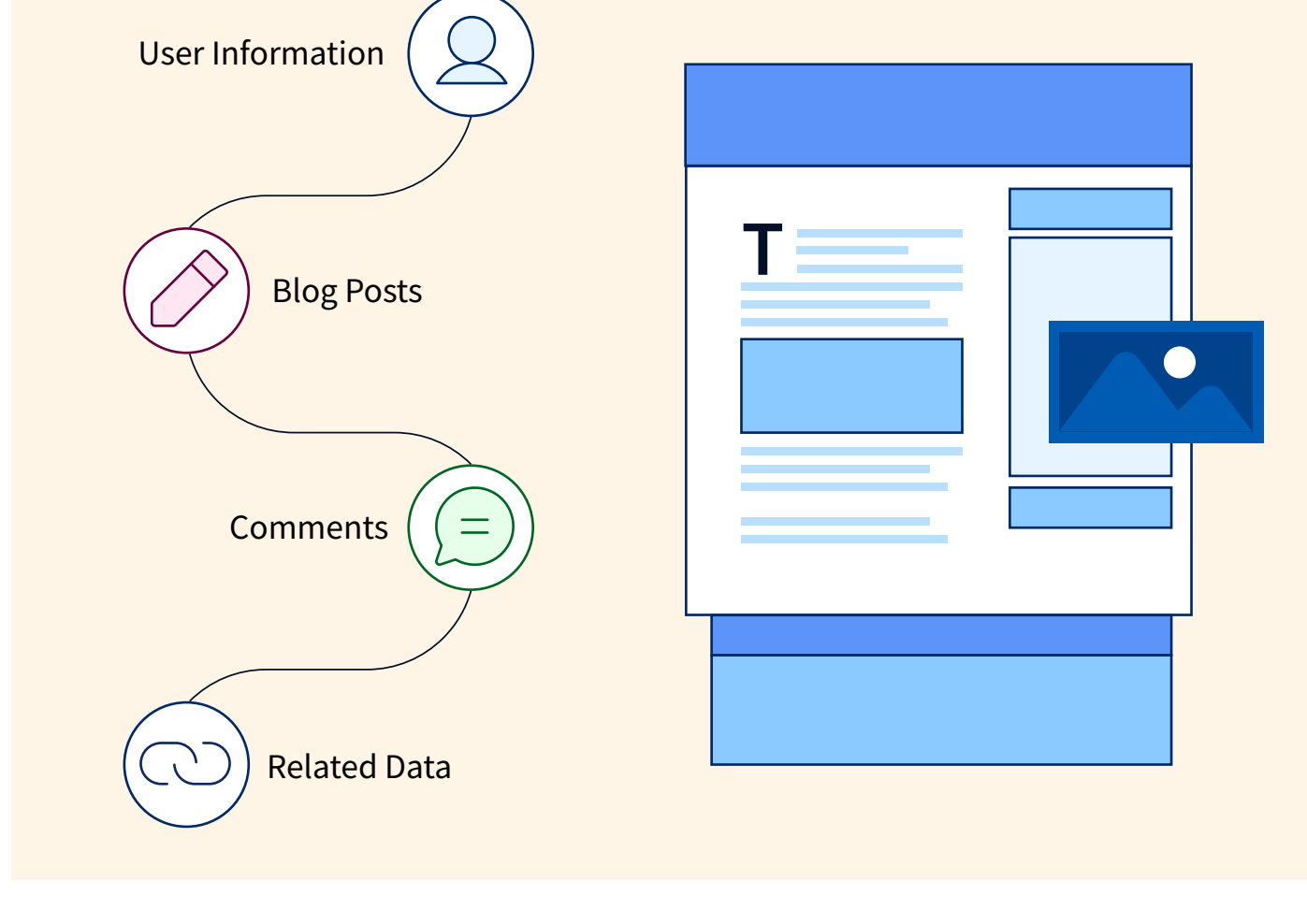
02 Back-of-Envelope Calculations

Back-of-envelope calculations provide rough estimates on system
capacity, aiding in identifying bottlenecks and informing load testing.

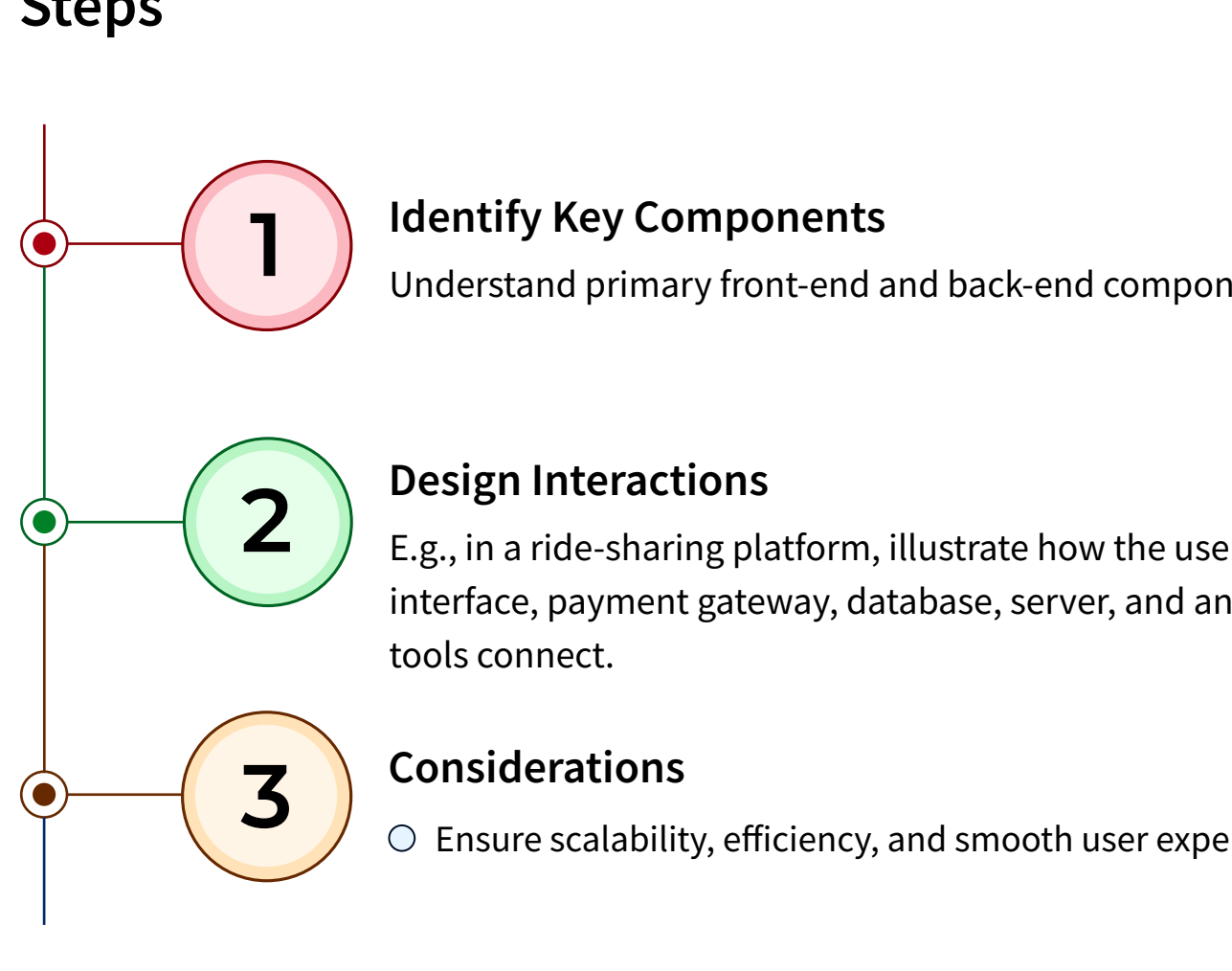
Steps



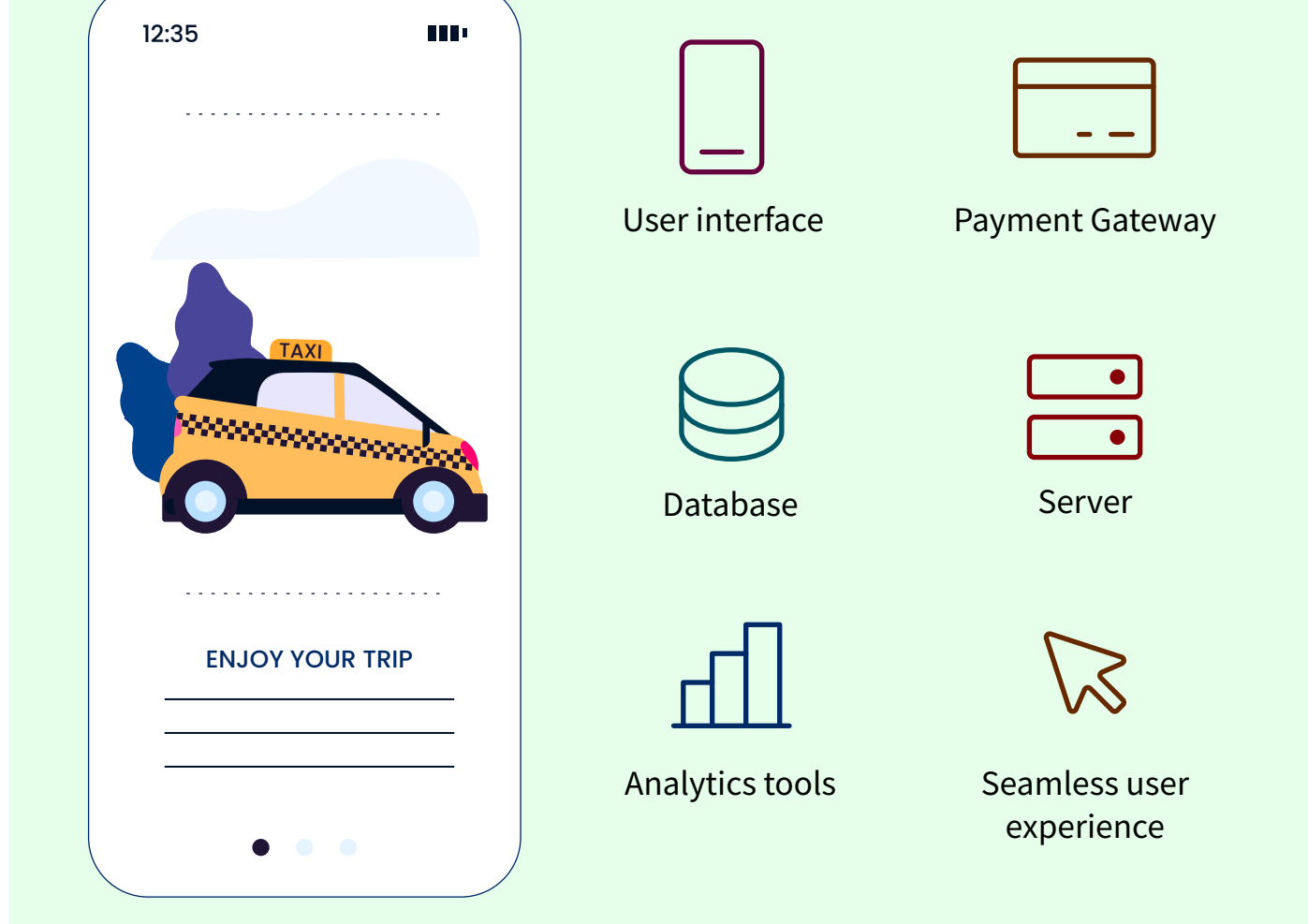
Estimating Needs for a Social Media Platform Design



03 API Design

API design involves creating protocols for software interactions, ensuring
they're scalable, maintainable, and secure for system functionality.

Steps



API Design for E-commerce System



Easy to use Scalable Maintainable

04 Schema Design

Schema design involves crafting a database structure to efficiently
store, manage, and maintain data relationships and integrity.

Steps

Database Schema for a Blogging Platform

05 Architectural Diagram

Architectural diagrams visually represent a system's components and
their interactions, ensuring scalability and efficiency.

Steps

Architectural Diagram for a Ride-sharing Platform

