IIT ROORKEE

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

NPTEL ONLINE CERTIFICATION COURSE

INTRODUCTION TO INTERACTION DESIGN

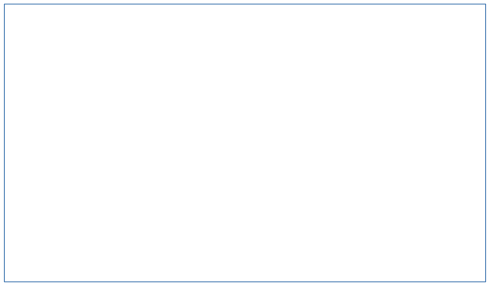
Lecture 20

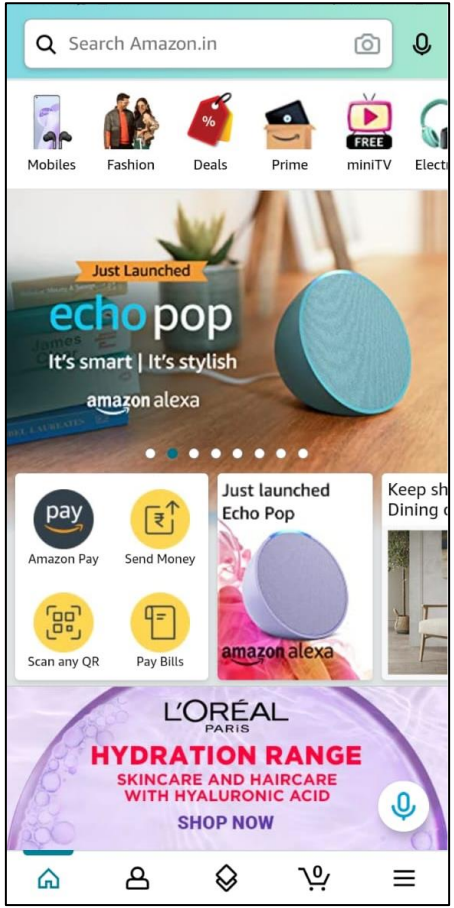
Component-Based Design Systems

Prof. Sonal Atreya

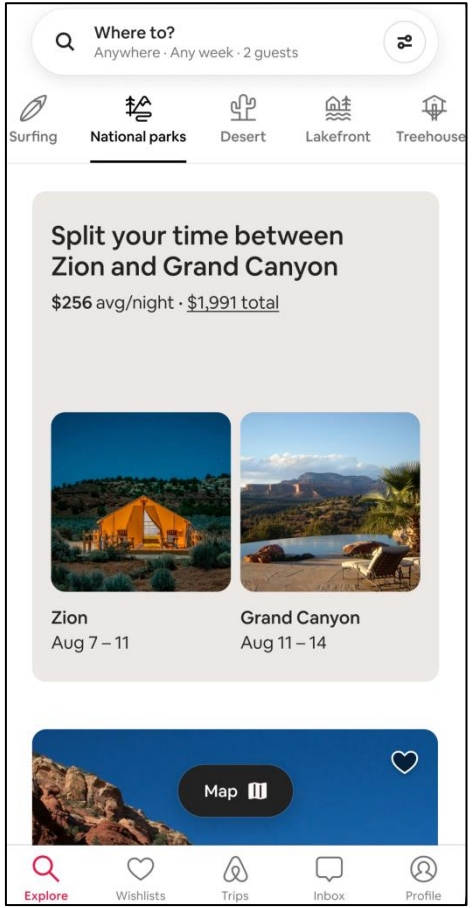
DEPARTMENT OF DESIGN

Component Based Design System

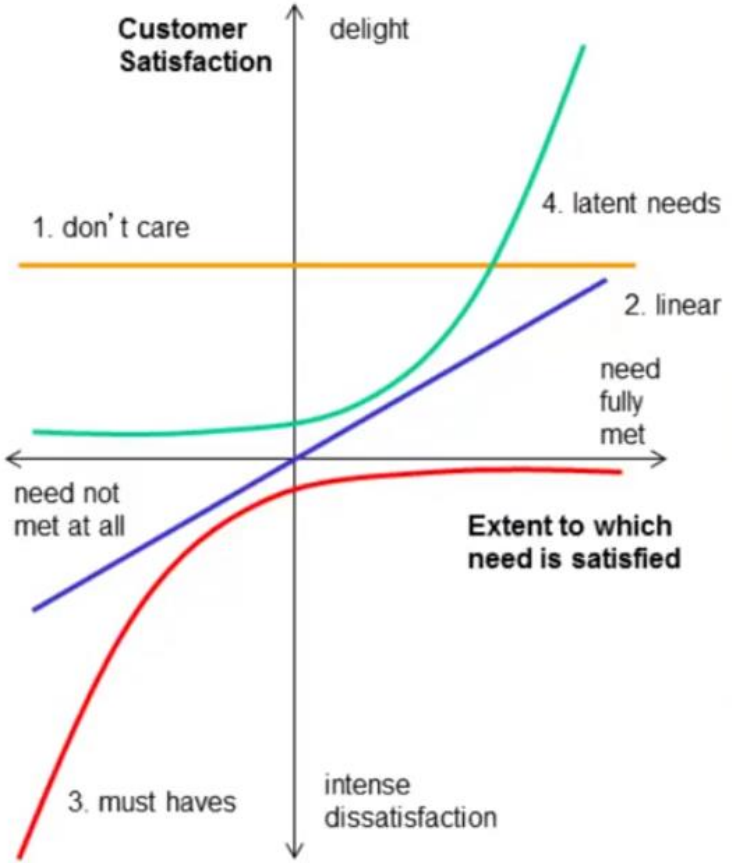




Source: amazon.in



Source: Airbnb.com

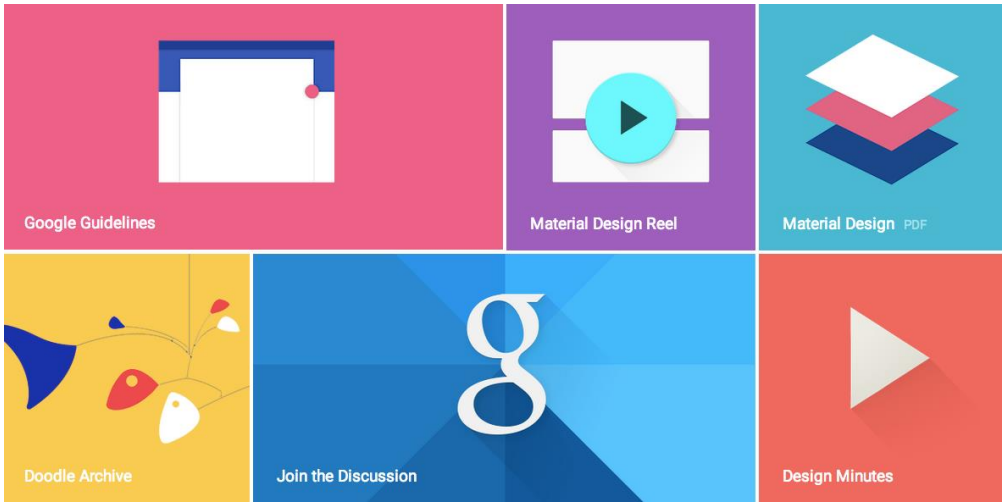


Source: Kano Method

Design Systems

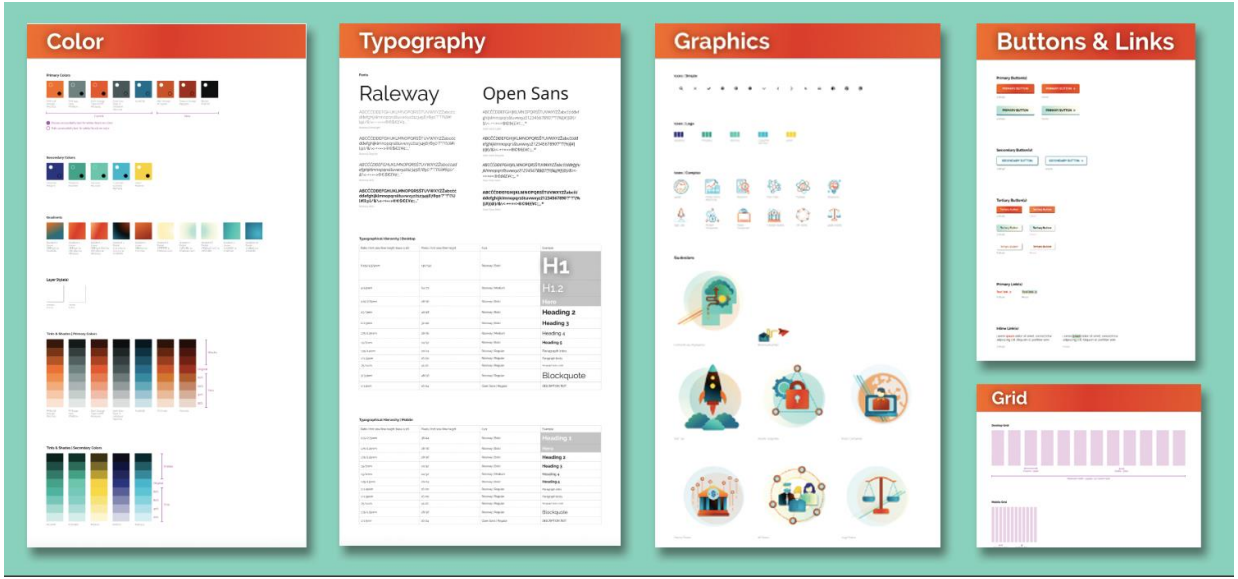
- Visual and functional consistency
- Brand Identity
- Design language

Source: google



Source: google

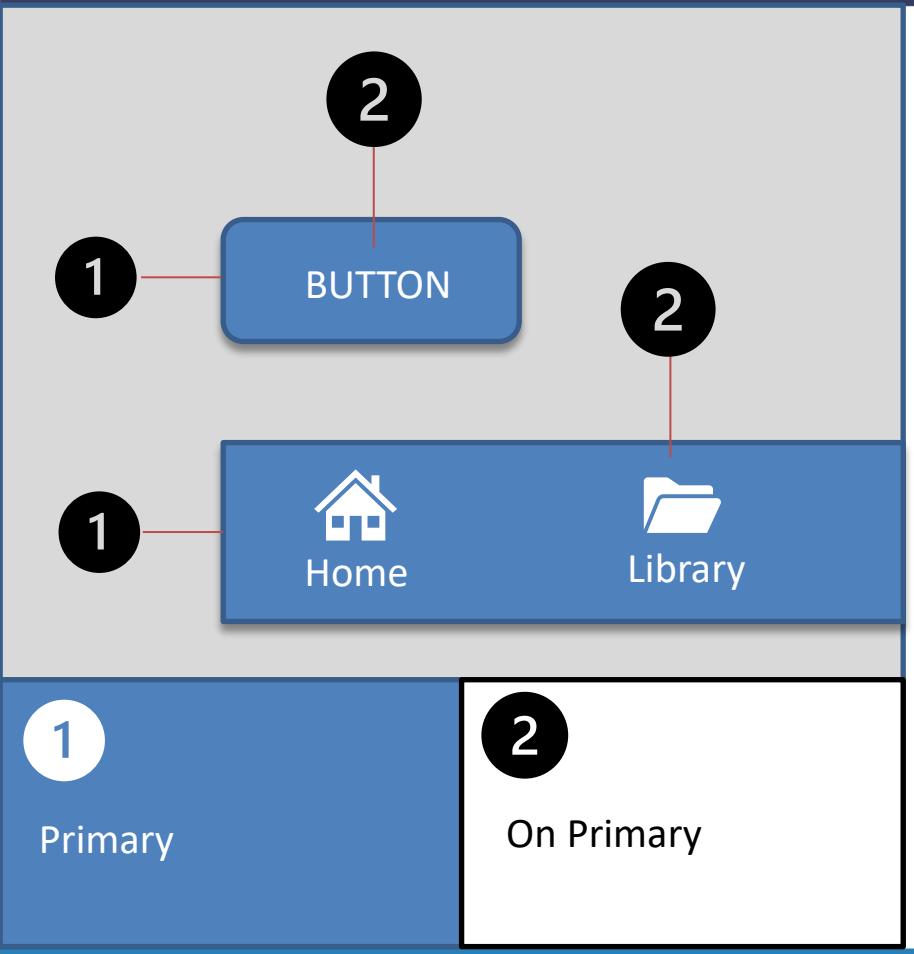
- Voice and tone
- Writing
- Pattern Libraries



Source: kanopi.com

Material Theming

Source: material.io



Colour

Typography

Headline 6

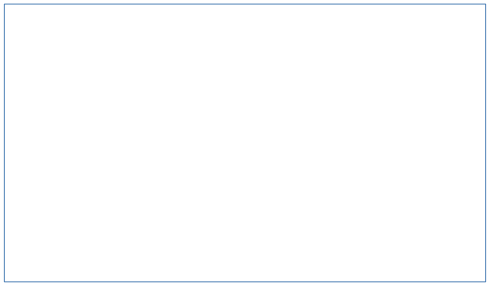
Headline 5

Headline 5

SHOW RESULTS

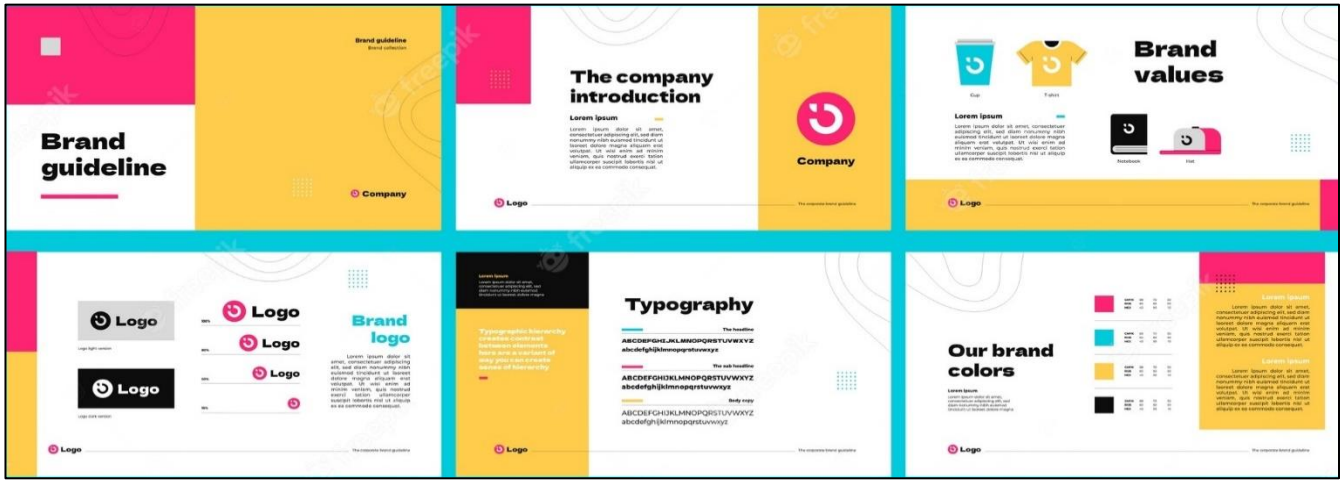
PRESS ENTER

Shape

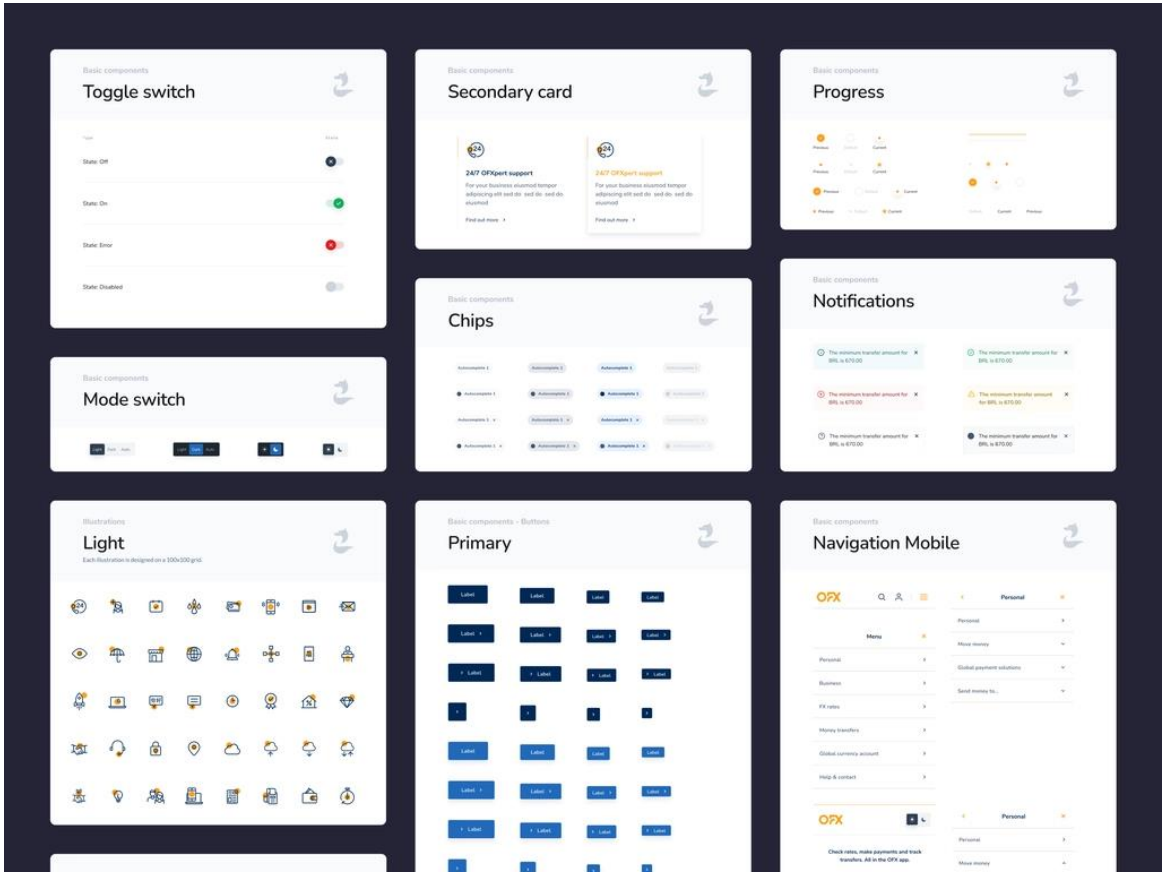


Advantages of a Design System

- Consistent
- A shared vocabulary
- Education
- Empathetic workflow
- Efficient Testing
- Speed



Source : Freepik



Source: dribble.com

Building a reusable component system

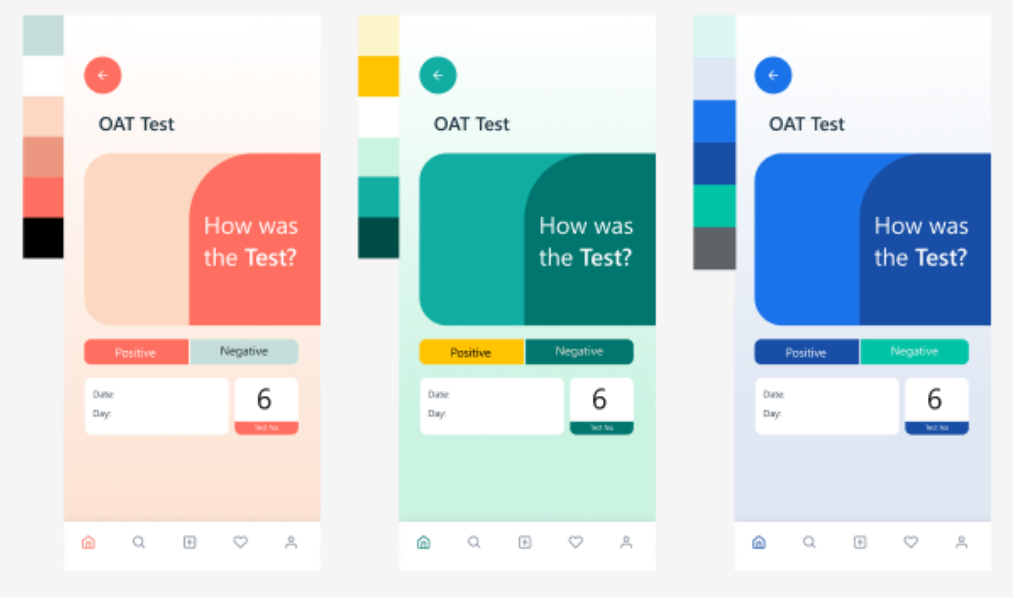
ATOMS
MOLECULES
ORGANISMS
TEMPLATES
PAGES

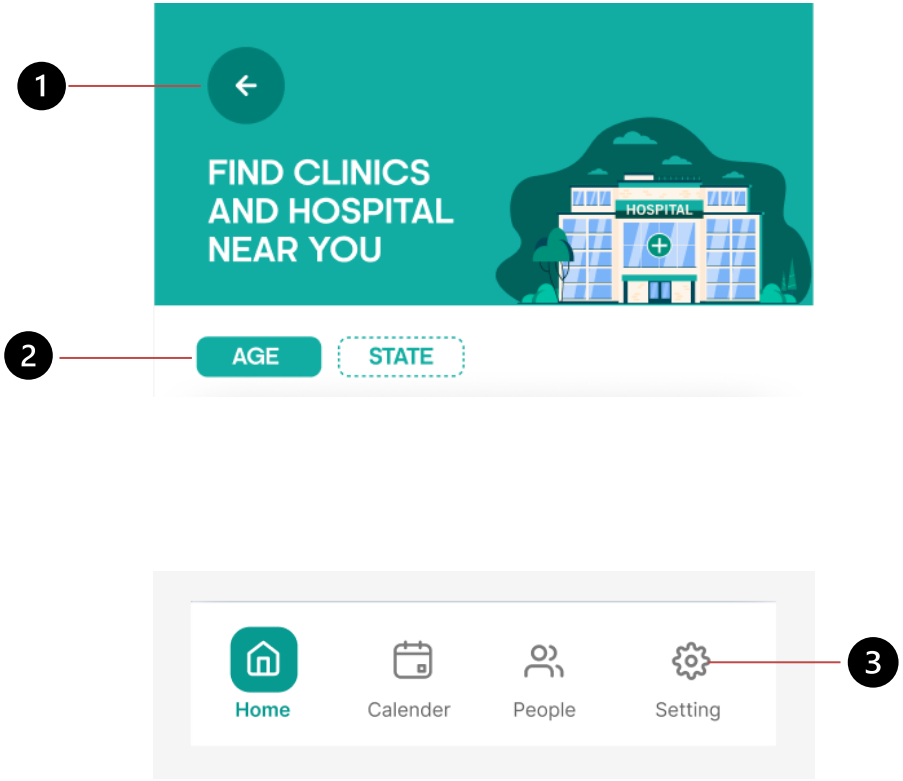
Creating Atoms

Label

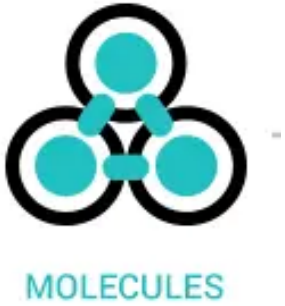
Input

Button


OAT Test
How was the Test?
Positive
Negative
6
OAT Test
How was the Test?
Positive
Negative
6
OAT Test
How was the Test?
Positive
Negative
6


1
FIND CLINICS
AND HOSPITAL
NEAR YOU
HOSPITAL
2
AGE
STATE
Home
Calender
People
Setting
3

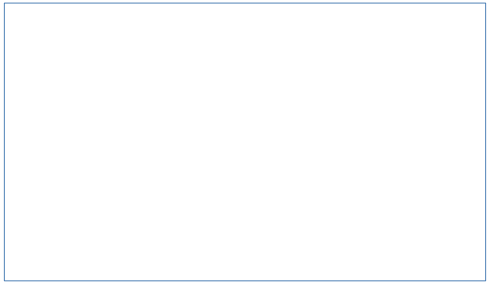
Molecules



Search this site

ENTER KEYWORD

SEARCH



Search this site

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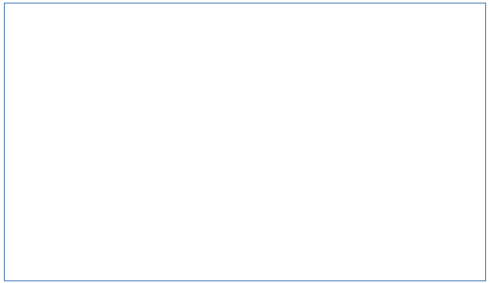

Search this site

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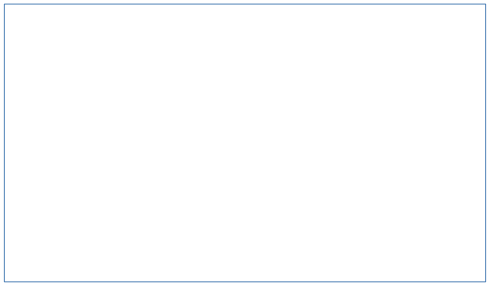
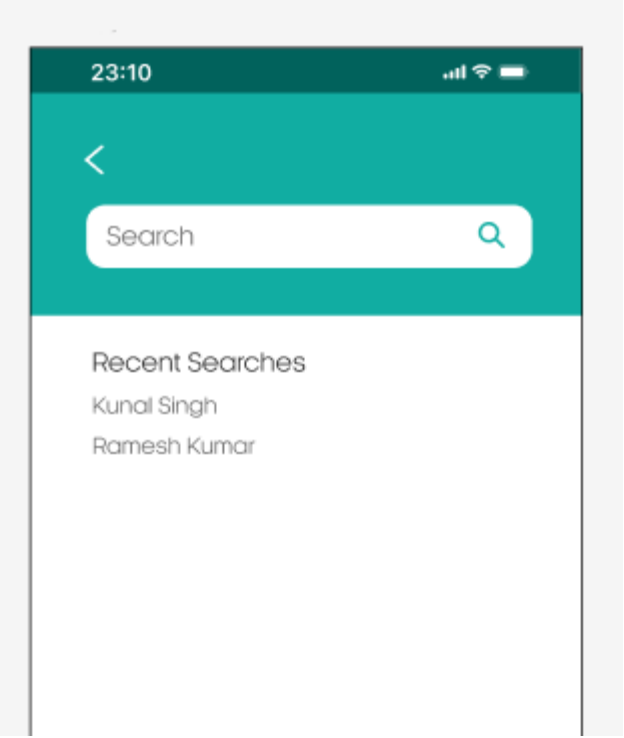


Molecule

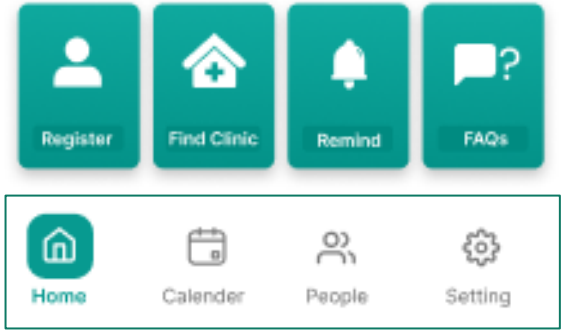
System bar

Search bar

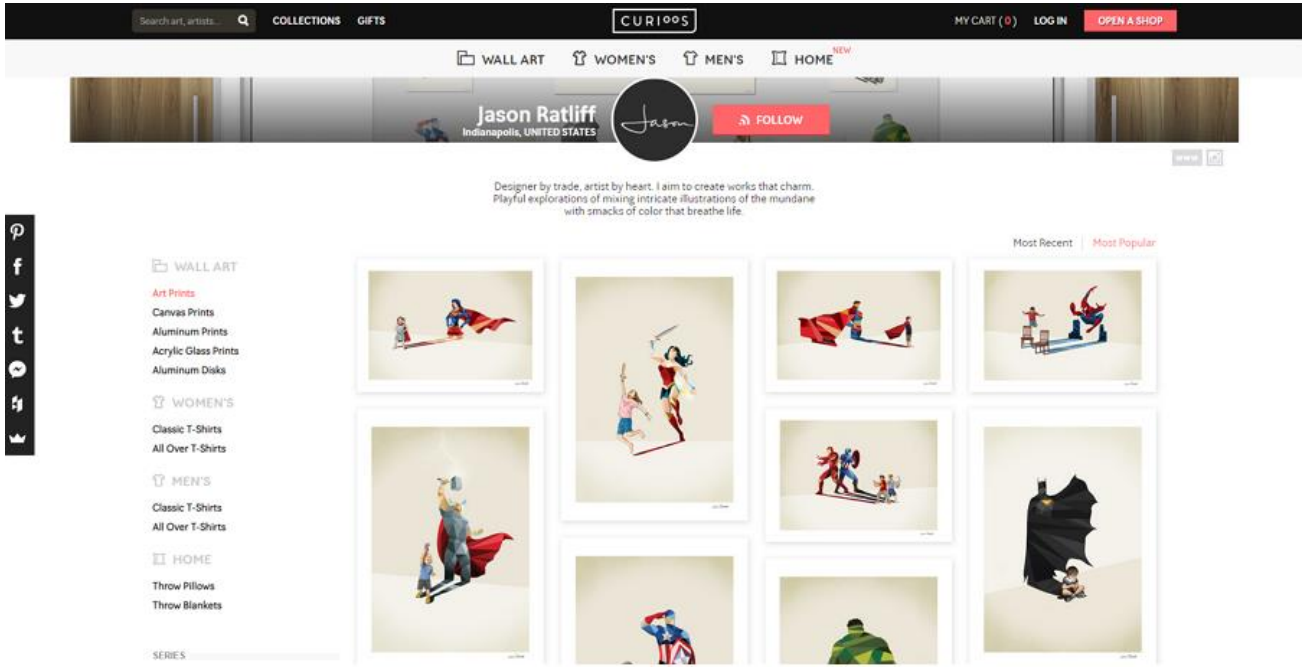
Organisms



Header

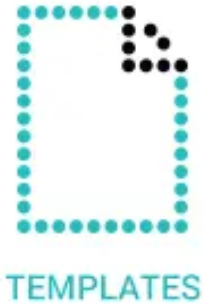


Navigation bar



Source: https://www.curioos.com/

Templates



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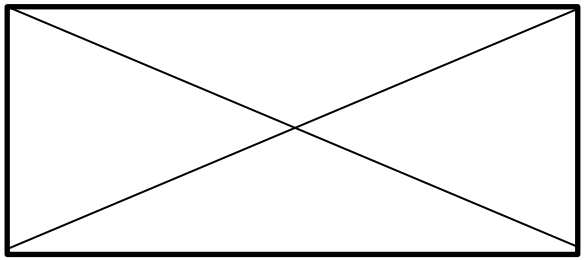
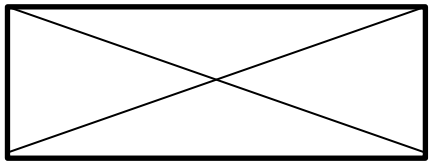
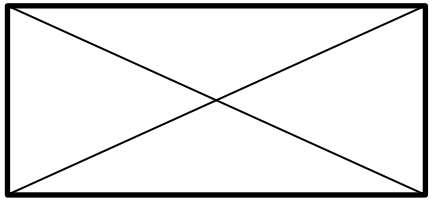






Organism

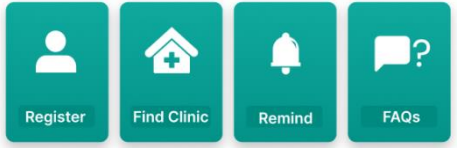
Molecule

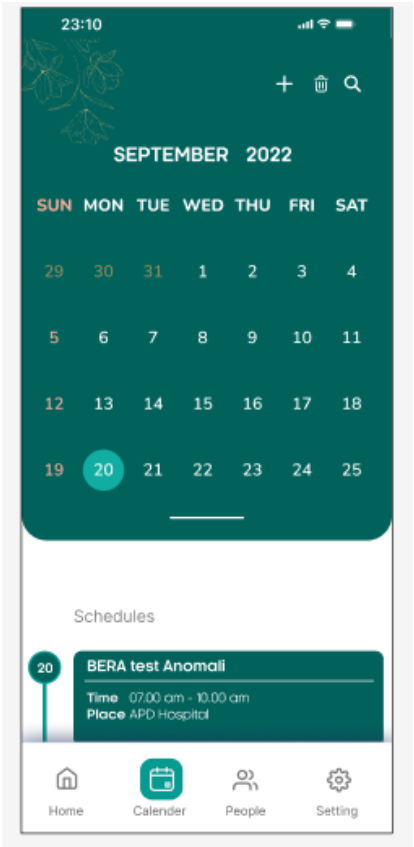
Organism

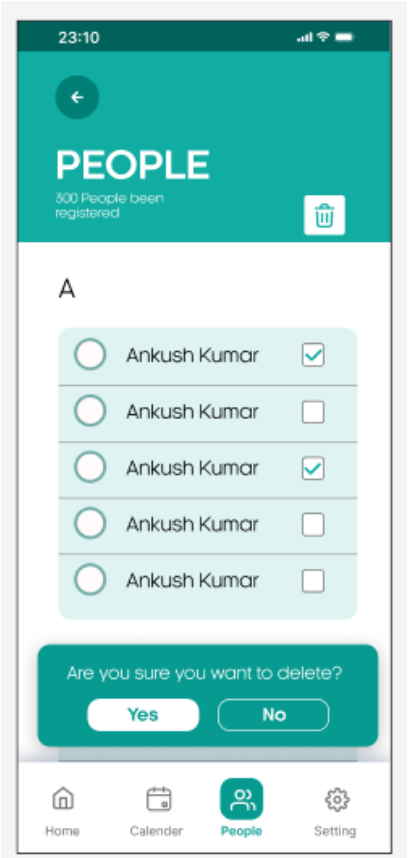
1

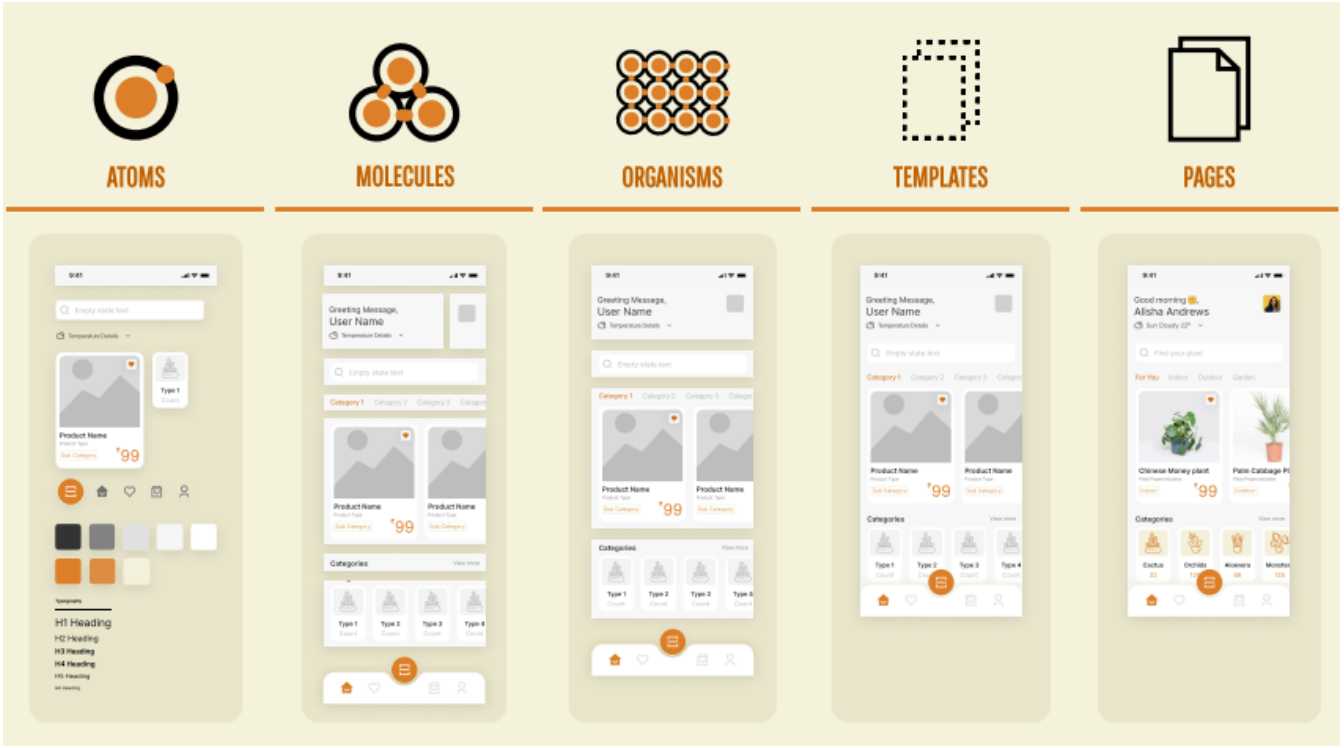
2

Pages

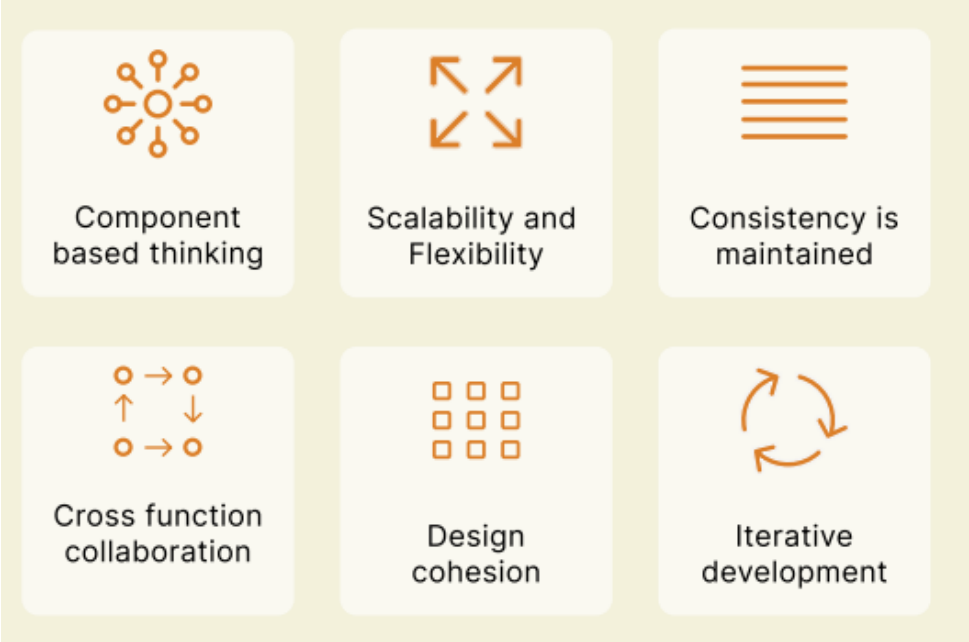

Register
Find Clinic
Remind
FAQs


23:10
SEPTEMBER 2022
SUN MON TUE WED THU FRI SAT
29 30 31 1 2 3 4
5 6 7 8 9 10 11
12 13 14 15 16 17 18
19 20 21 22 23 24 25
Schedules
20
BERA test Anomali
Time 07.00 am - 10.00 am
Place APD Hospital
Home
Calender
People
Setting


23:10
PEOPLE
300 People been registered
A
Ankush Kumar
Ankush Kumar
Ankush Kumar
Ankush Kumar
Ankush Kumar
Are you sure you want to delete?
Yes
No
Home
Calender
People
Setting


ATOMS
MOLECULES
ORGANISMS
TEMPLATES
PAGES

Best Practices



Thank You