TOP DOWN APPROACH

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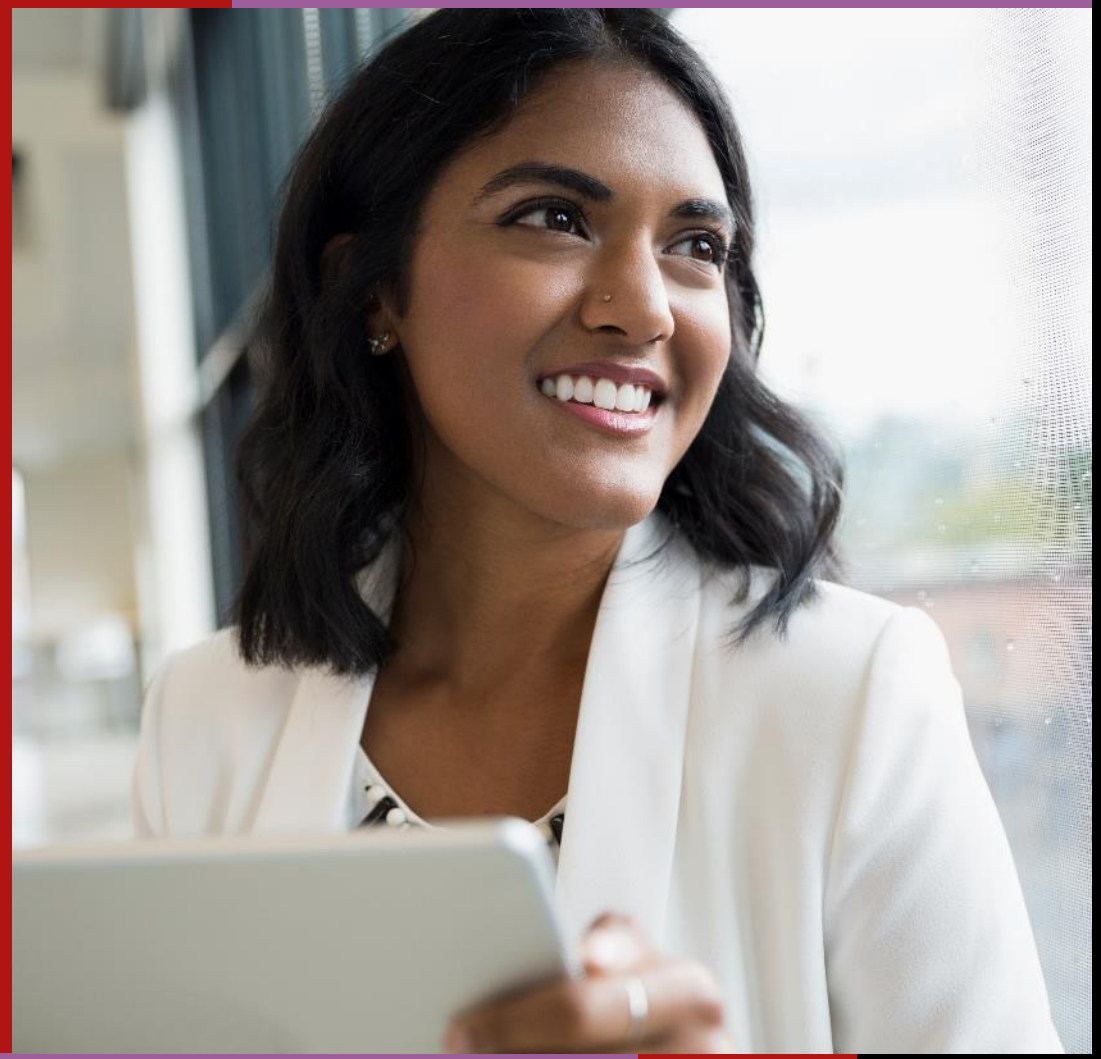


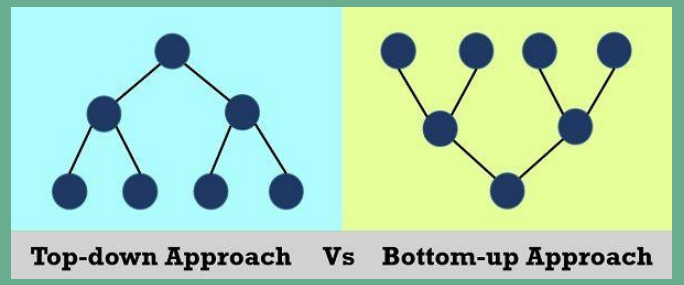
Overview

- What is the Top-down approach?
- Steps to execute the Top-down approach
- How can we apply to Top-down approach in our life

WHAT IS TOP-DOWN APPROACH

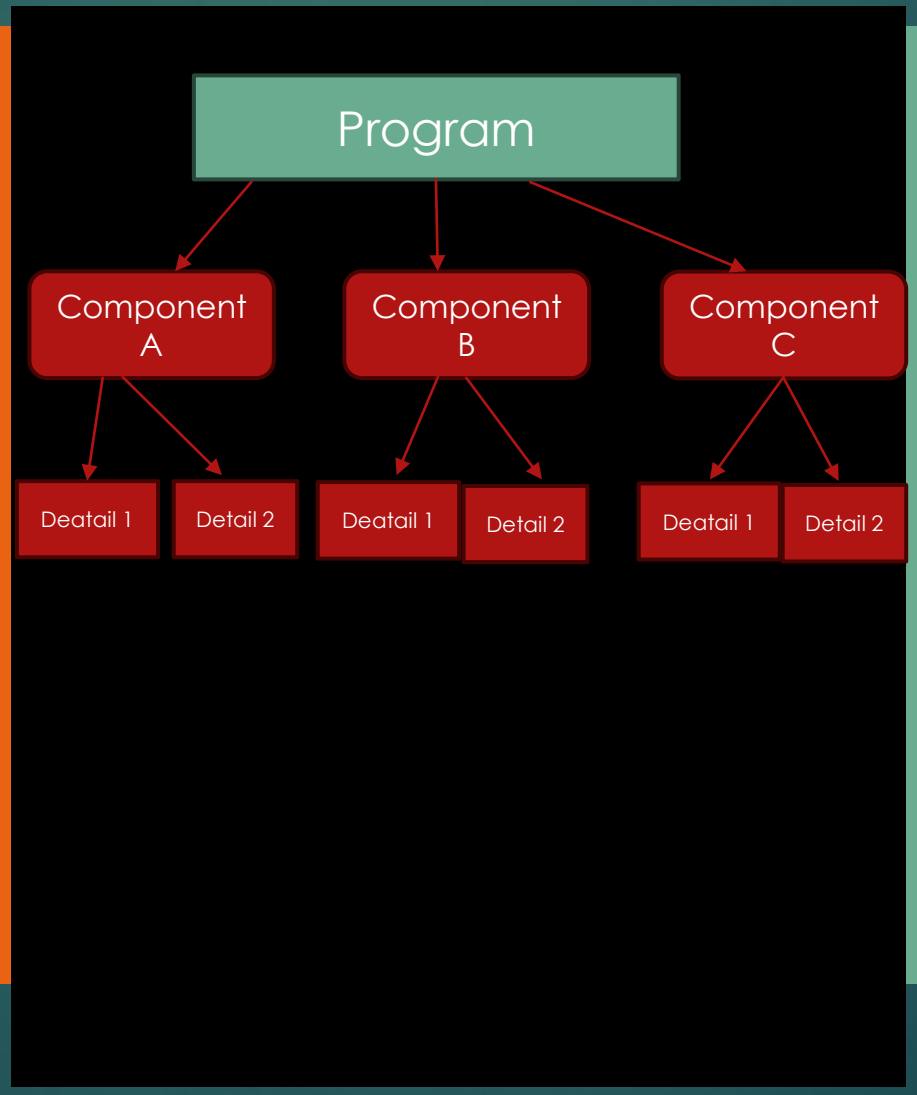
What is top-down approach?

- It is a strategic method by which we will view the whole problem and then break down it into smaller, and more specific details
- For example:
  - In programming, we will focus on the overall structure of a program and then we will break it into smaller and more manageable components. It means we will the outline firsts and then refining each components later.



Example:

- At first we will stretch out our program.
- After that we will break down it into more smaller components
- Next, we will define each component more specific until the whole system is completed.



Advantages and disadvantages

Advantages:

-Help us to understand the big picture of the problem, therefore we can see the goal more clearly.

-Help us to identify the prioritization of each tasks.

=>We can locate the resources more effectively.

-By break down the systems or projects into smaller components, we can manage them more easily and effectively.

Disadvantages:

- We may ignore the specific details.
- Because we view the goal before starting implementation so if there are any changes, we have to start from the beginning again.
- It is also hard to adapting new requirements during the implementation stages.

HOW I APPLY IT IN REAL LIFE

ECOMERCE WEBSITE

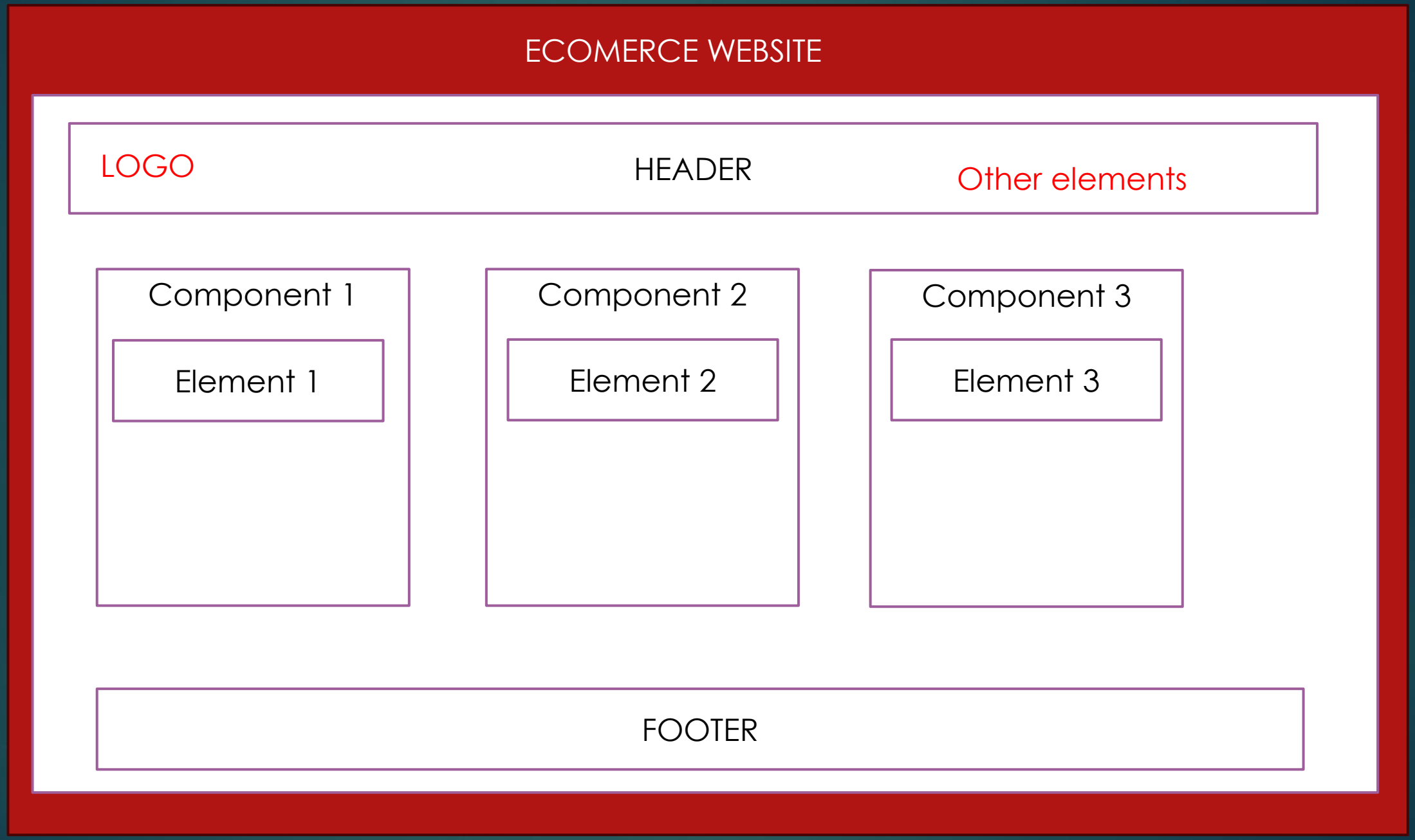
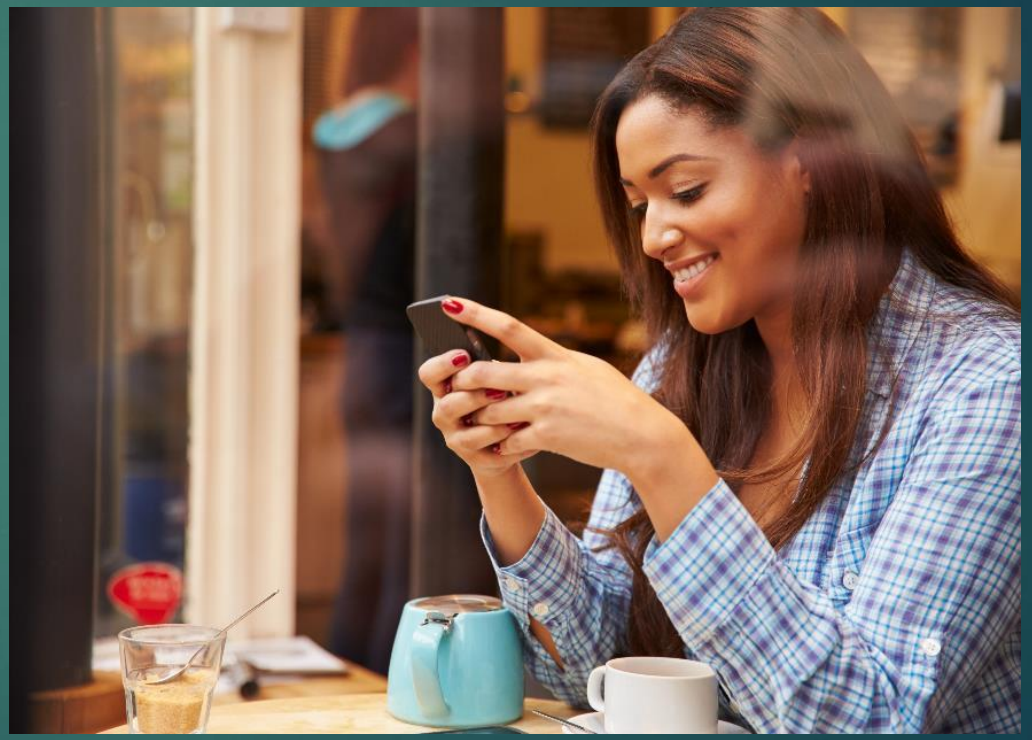
HOMEPAGE

USER PAGE

User/api

PRODUCT PAGE

Product api


ECOMERCE WEBSITE
LOGO
HEADER
Other elements
Component 1
Element 1
Component 2
Element 2
Component 3
Element 3
FOOTER

THANK YOU FOR LISTENING