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# TOP DOWN APPROACH

**Presented by Hưng**

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We will find out what is a top-down approach.

## → 2 How

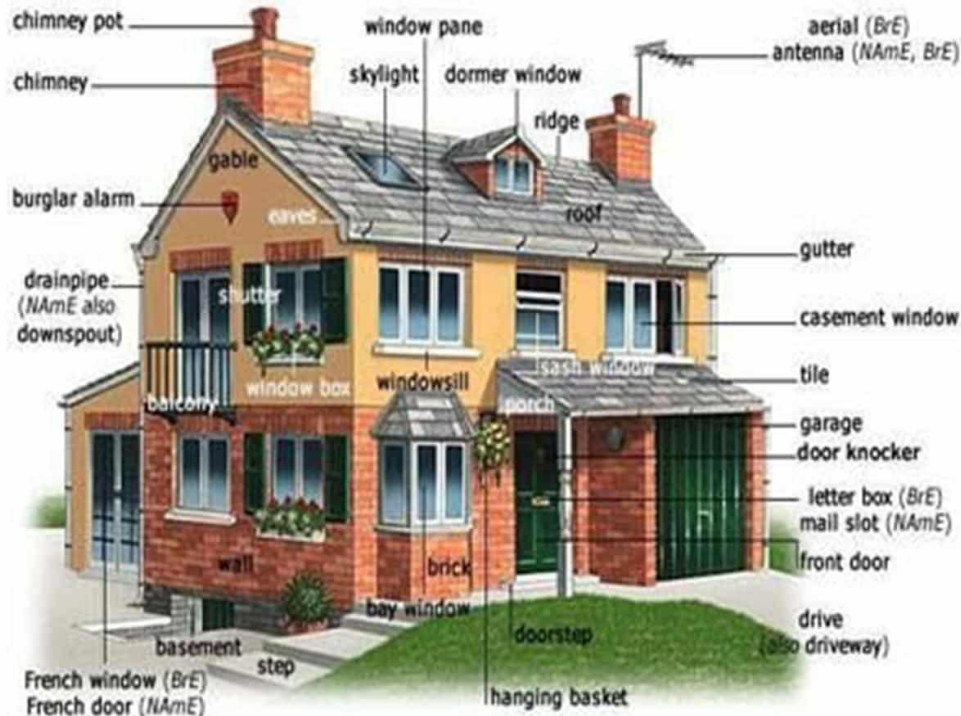
How can we use it properly?

## → 3 Why

Why is it important?

## → 4 How I apply it in my project

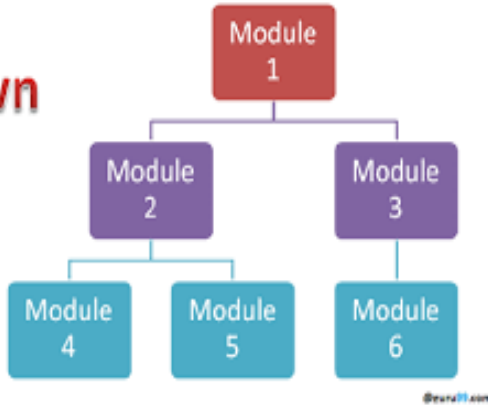
# 1. What is top-down approach



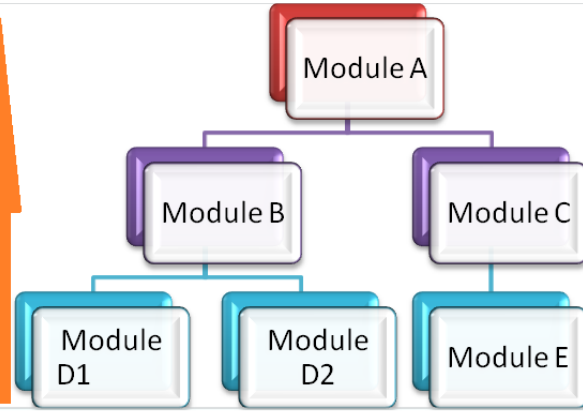
Imagine you are going to build a big house, what are you going to do first? You don't know where to start, or what to do?

So your solution is top-down approach

Top Down



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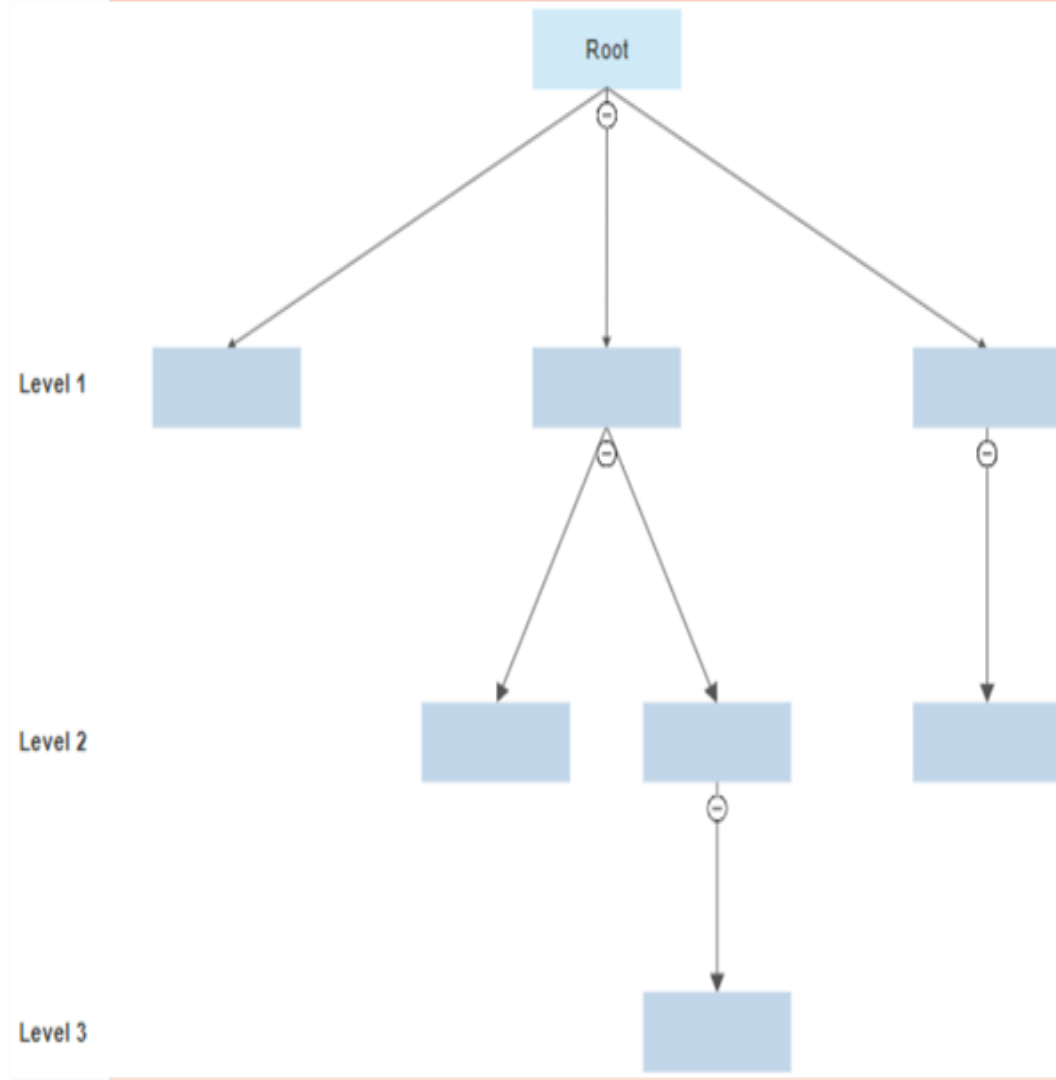
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## SO WHAT IS TOP-DOWN APPROACH EXACTLY

**It is a strategy method by which we will:**

- 1) Begin with a broad view of the problems
- 2) Follow a systematic process from top to bottom.
- 3) Break the big problem into smaller and more manageable parts.
- 4) Often used in many fields such as software development, project management, and problem-solving.
- 5) Often structured in a hierarchical structure



## SO WHAT IS TOP-DOWN APPROACH EXACTLY



UNABLE TO BREAK



BREAK EACH ONE EASILY



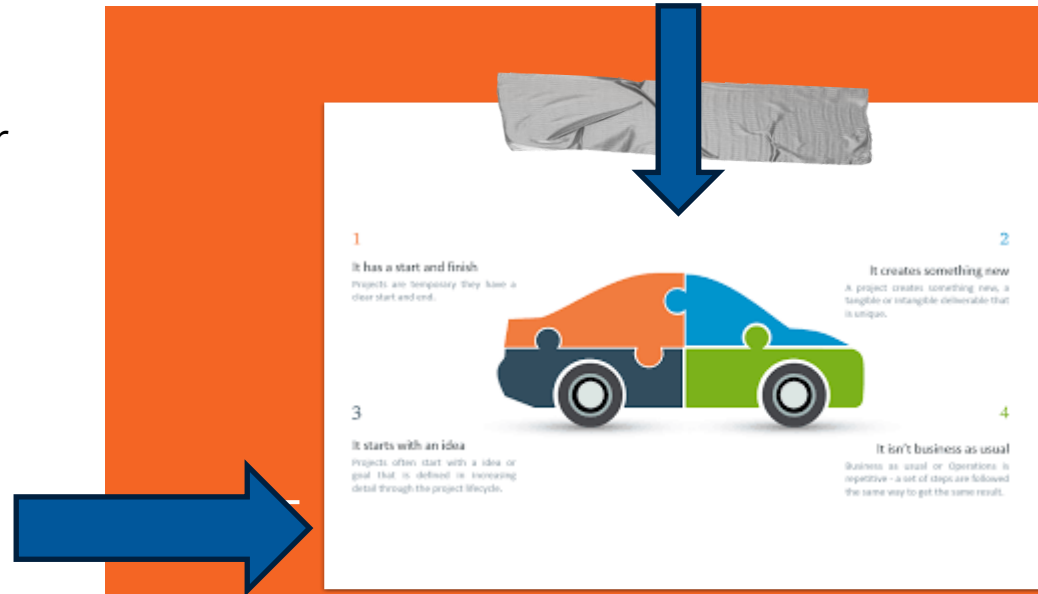
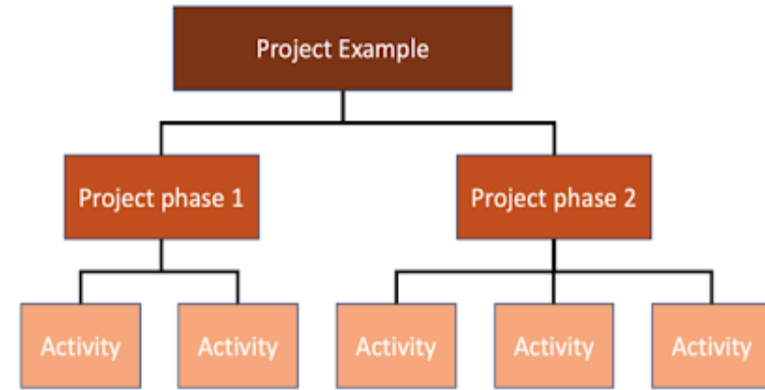
## 2. How can we use it



# Examples.

Imagine you have a final project, you can apply top-down like this:

- 1) Split the project into 2 phases (phase one and phase two).
- 2) In each phrase define the activities or goals you need to achieve.
- 3) Determine which one is the most important and put it on a to-do list.
- 4) Integrate these components to build the complete system.





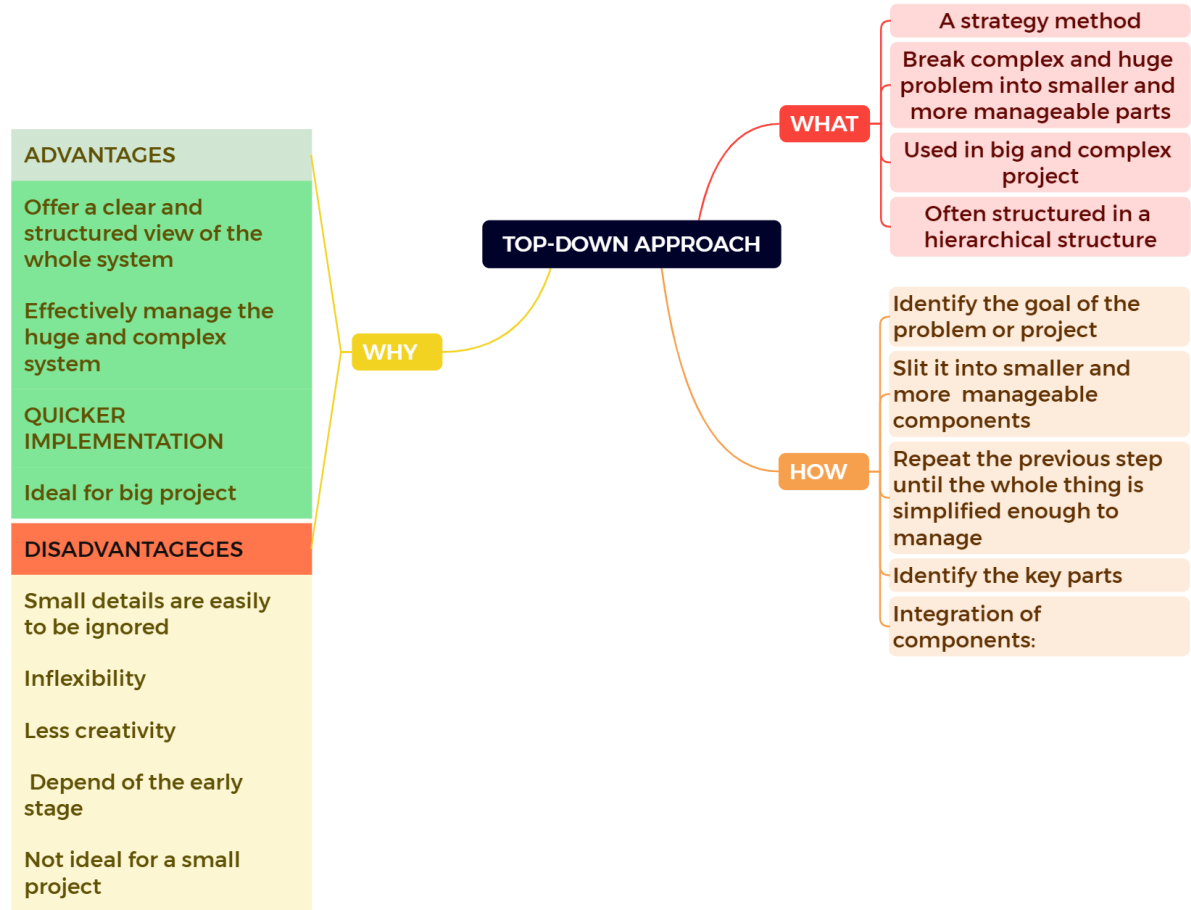
# 3 WHY IS IT IMPORTANT



## ADVANTAGES AND DISADVANTAGES OF TOP-DOWN APPROACH

ADVANTAGES	DISADVANTAGES
We view have a clear view of our goal	Important details are likely to be ignored
Effectively manage the large system	Dependency on initial understanding:
Easier Planning and Coordination	Inflexibility
Easily to identify the key components	Slow to adjust
Quicker implementation	Less creativity
Ideal for a big and complex project	Not ideal for a small project

# CONCLUSION



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Many companies use the **top-down approach** in their **management** and **decision-making** processes, including:



Google



Microsoft



Apple



Amazon



IBM

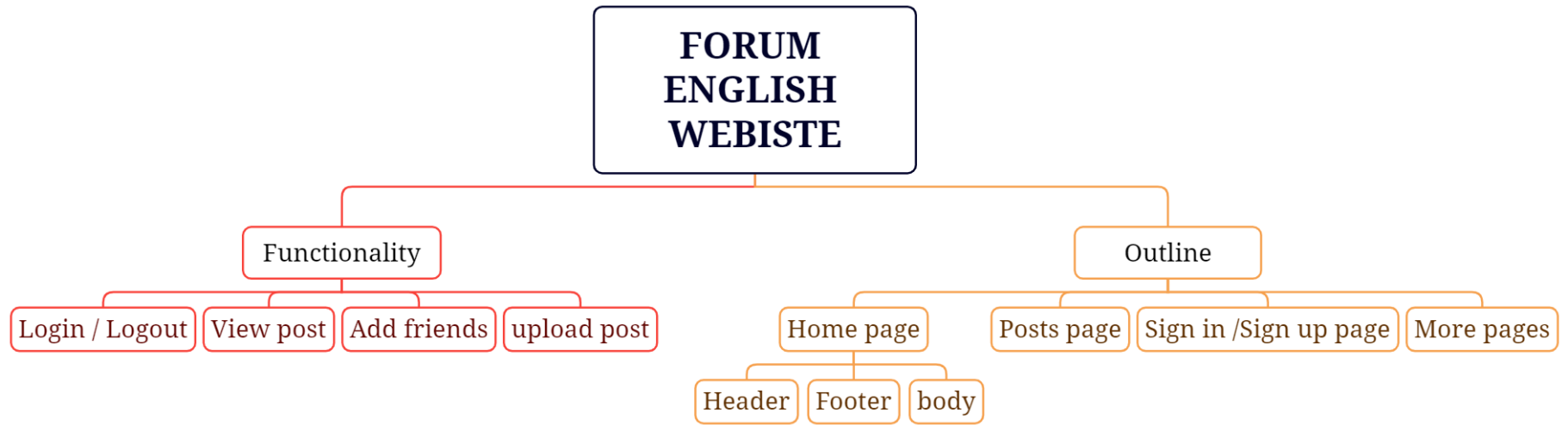


Intel

## 4. How I use it in real life

MY ENGLISH FORUM WEBSITE







THANK YOU FOR LISTENING