



Top Down Approach

Topic 1 - Challenge 0: What's your current version



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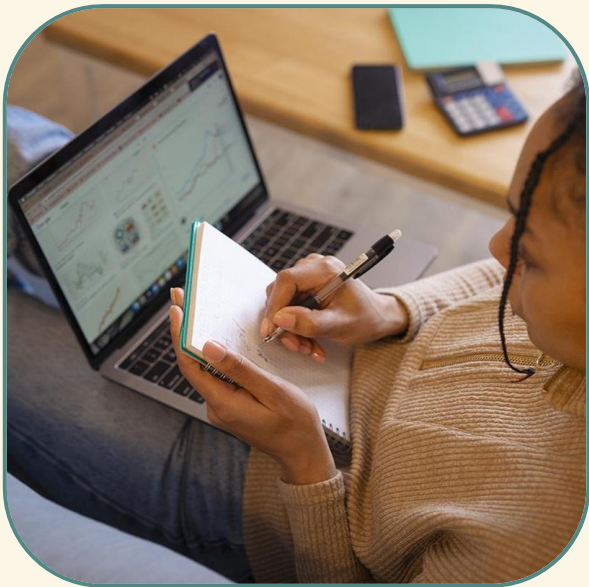
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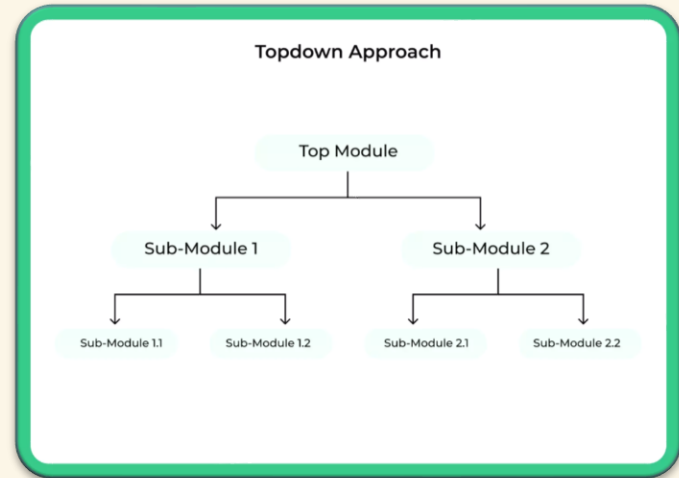
01

Introduce

Introduce

The top-down approach is a method of problem-solving or decision-making that starts with a general overview or big picture and then breaks it down into smaller, more specific components.

It's like looking at a map of a whole city before zooming in on a specific street or building.



02

Why



Why

Providing an Overview

The top-down approach starts with the big picture, providing users with a comprehensive view of the problem and fostering informed decision-making by revealing interconnections.



Clear Goal Definition and Prioritization

By initiating from the overall goal, it precisely identifies objectives. Breaking down larger goals into smaller, specific tasks makes management and implementation more straightforward, clarifying priorities for optimal resource allocation.

Why

Efficiency and Speed

Clear goals and plans facilitate swift implementation, avoiding delays. Sensible resource allocation further boosts efficiency, ensuring ample resources for critical tasks.



Robust Monitoring and Control



This approach enables easy progress monitoring by supervising smaller objectives, allowing users to assess the project's trajectory and make timely adjustments.

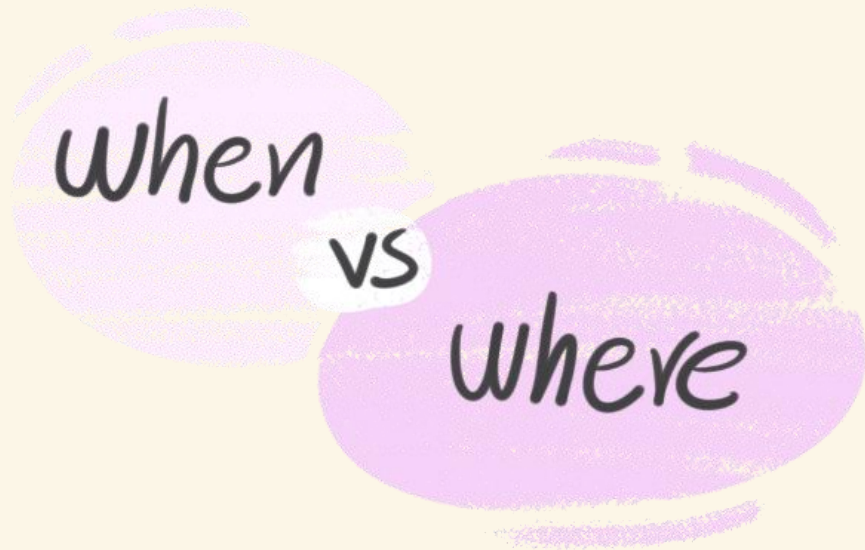
Consistency and Synchronization

With everyone aligned towards a shared goal, the approach ensures organizational consistency and synchronization, especially vital in complex projects with multiple stakeholders.

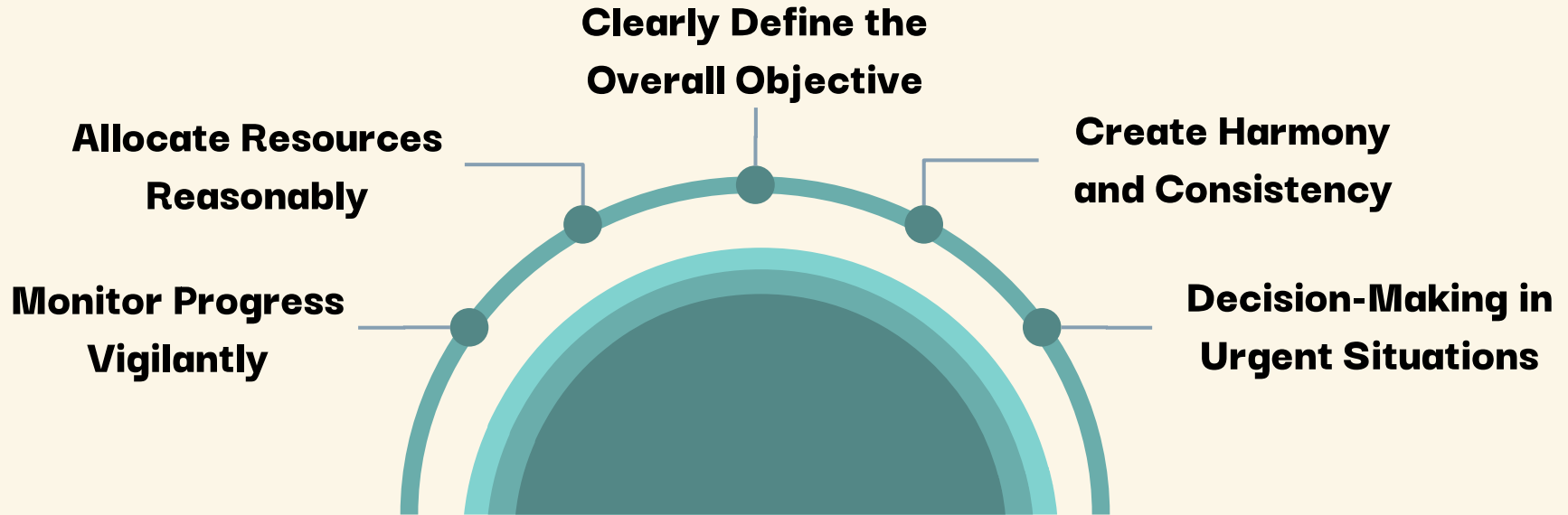


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When and Where



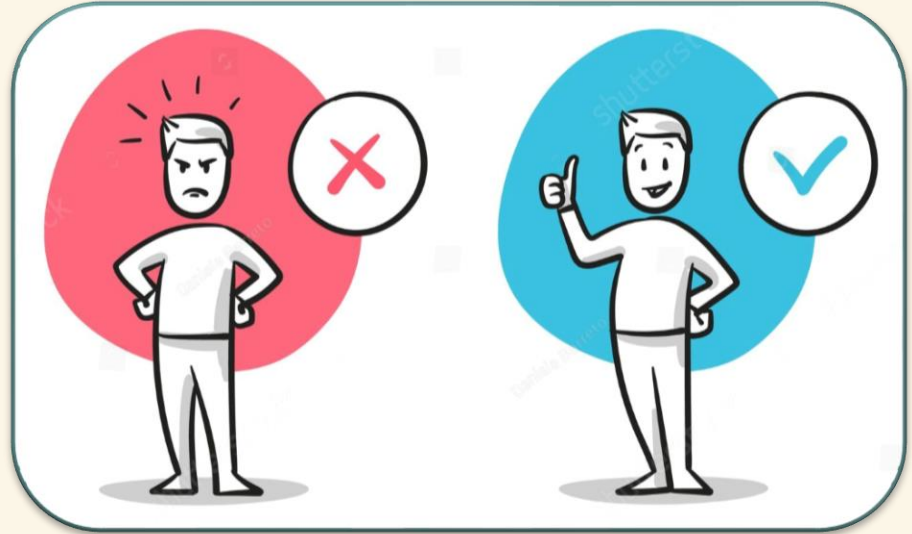
When



Where The top-down approach can be applied anywhere.

04

Advantages and Disadvantages





Advantages and Disadvantages

Advantages

- Provides an overview
- Clearly defines goals and priorities
- Improves efficiency and speed
- Tight control
- Consistency and synchronization

Disadvantages

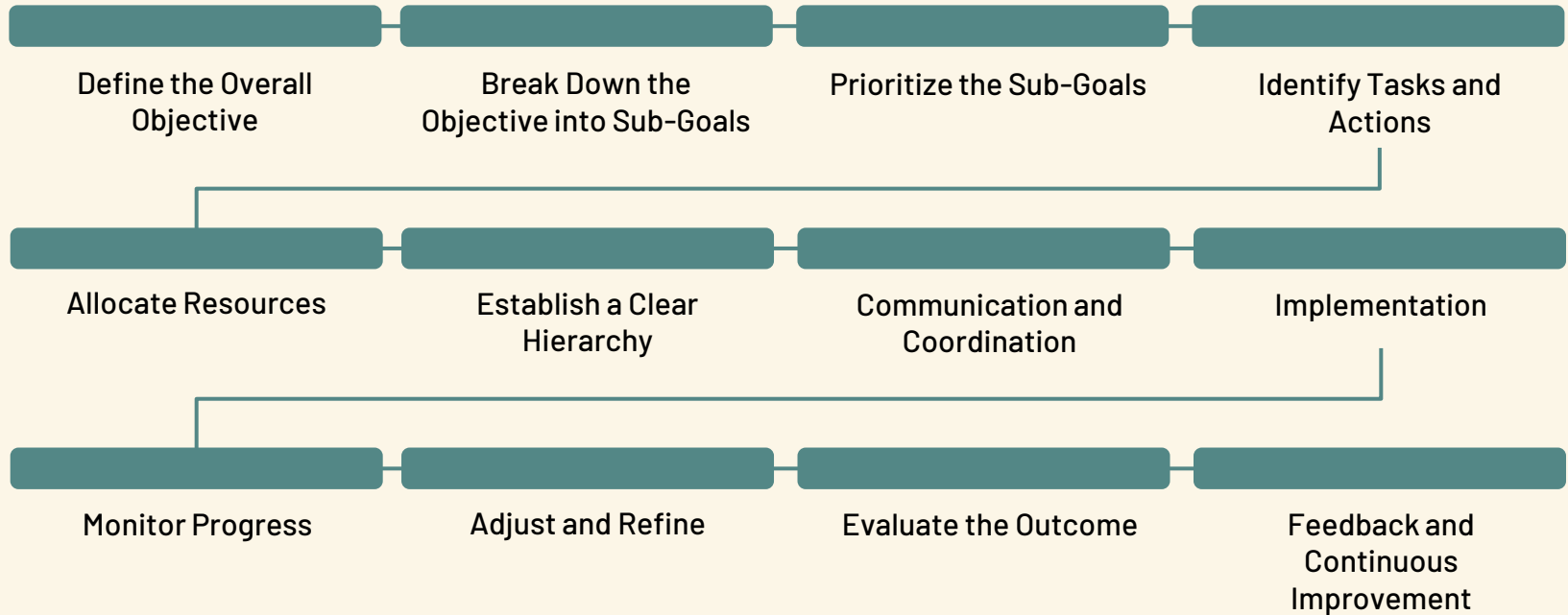
- Reduces individual autonomy
- Too rigid
- Difficulty adapting to unexpected changes

05

Apply on the program



Apply on the program



Apply on the program

Define the Overall Objective

Start by clearly defining the goals to be achieved and the problem to be investigated. This provides clear direction for the entire process.

Break Down the Objective into Sub-Goals

Divide the overall goal into smaller goals that are easier to manage and solve. Combining these sub-goals will achieve the main goal.

Prioritize the Sub-Goals

Set priorities between sub-goals. From there, determine which tasks are most important to achieving the common goal and need to be resolved first.

Identify Tasks and Actions

Break down each sub-goal into specific tasks and actions. This breakdown provides clarity in implementation.

Allocate Resources

Allocate resources, such as team members and time, based on the priority and requirements of each task. To ensure that resources are allocated effectively.

Establish a Clear Hierarchy

Define a clear hierarchy for decision-making and task delegation. Identify who is responsible for each task and establish reporting structures.

Apply on the program

Communication and Coordination

Clearly communicate overall goals, sub-goals, and tasks to team members. Facilitate coordination and collaboration to ensure everyone is on the same page.

Adjust and Refine

Based on previous monitoring, adjust and refine your plan as needed. Flexibility is key to adapting to unpredictable challenges and changes.

Implementation

Start implementing the proposed plan by addressing each task and acting on the identified priorities.

Evaluate the Outcome

Evaluate results compared to initial overall goals. Determine the level of completion by comparing it with the set goal.

Monitor Progress

Regularly monitor the progress of each task and the overall project. This includes tracking milestones, deadlines, and deviations from plans.

Feedback and Continuous Improvement

Collect feedback from mentor and team members. Use this feedback to improve results.



Thanks!