

Project Cost Management

Prepared by Dr. Safwa Abdelbagi Elagab

Lecture 1

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تسعى لتكون الكيان الأول الذي يتبنى مبدأ المجتمع التعليمي
التعاوني ويقدم العلم مقابل العمل لتنمية وبناء المجتمعات.

PMG 213



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Chapter 01

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الجامعة للجميع



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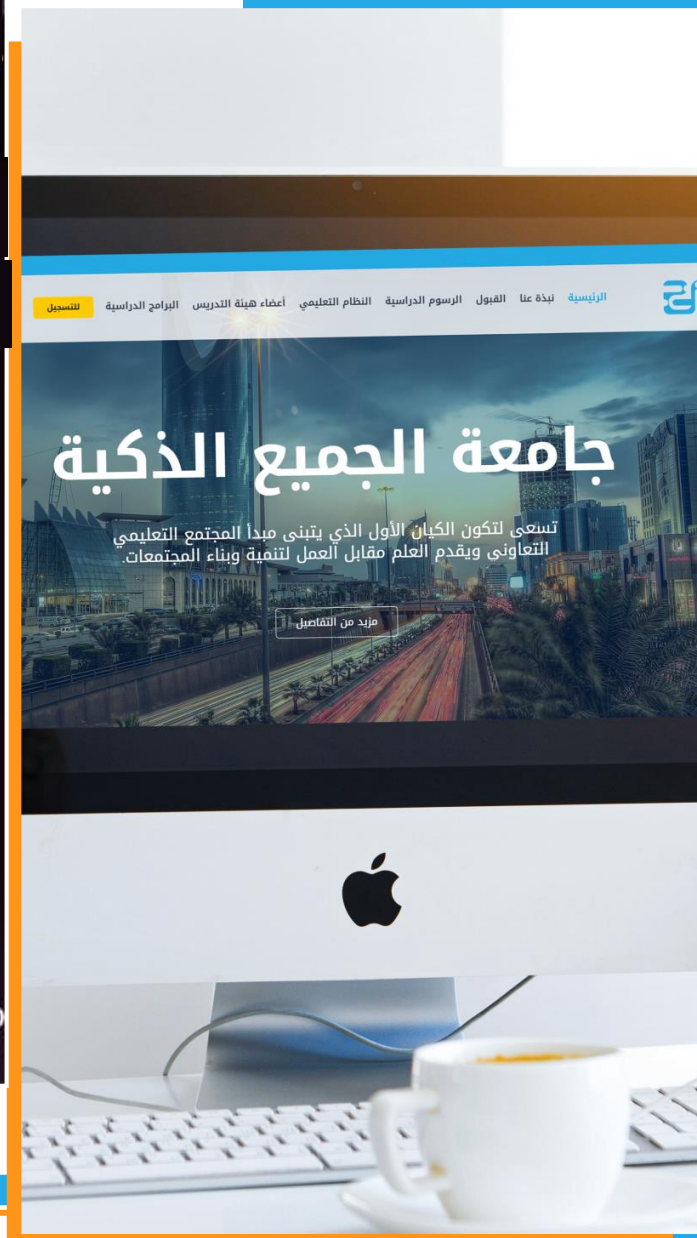


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Chapter 01

Lecture 1: Project Management Framework Contents

What is Project ?

What is Project Management ?

Importance of Project Management

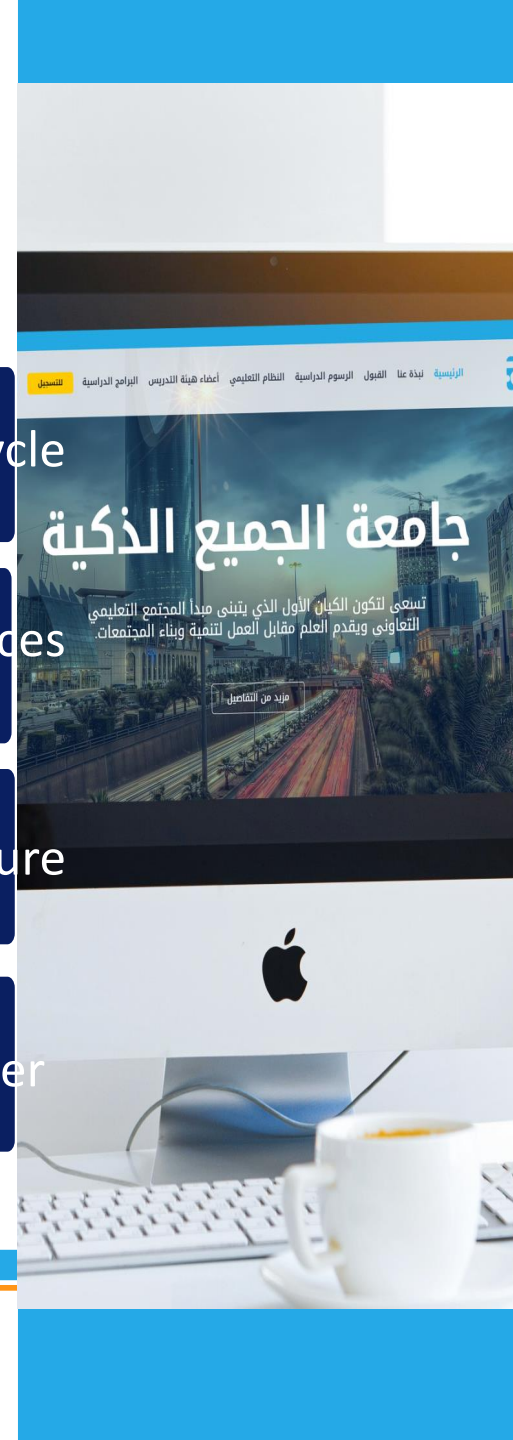
Project, Program, and Portfolio

The Project Life Cycle

Project Influences

Organizational Structure

The Role Of The Project Manager



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Kinds of projects



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Introduction



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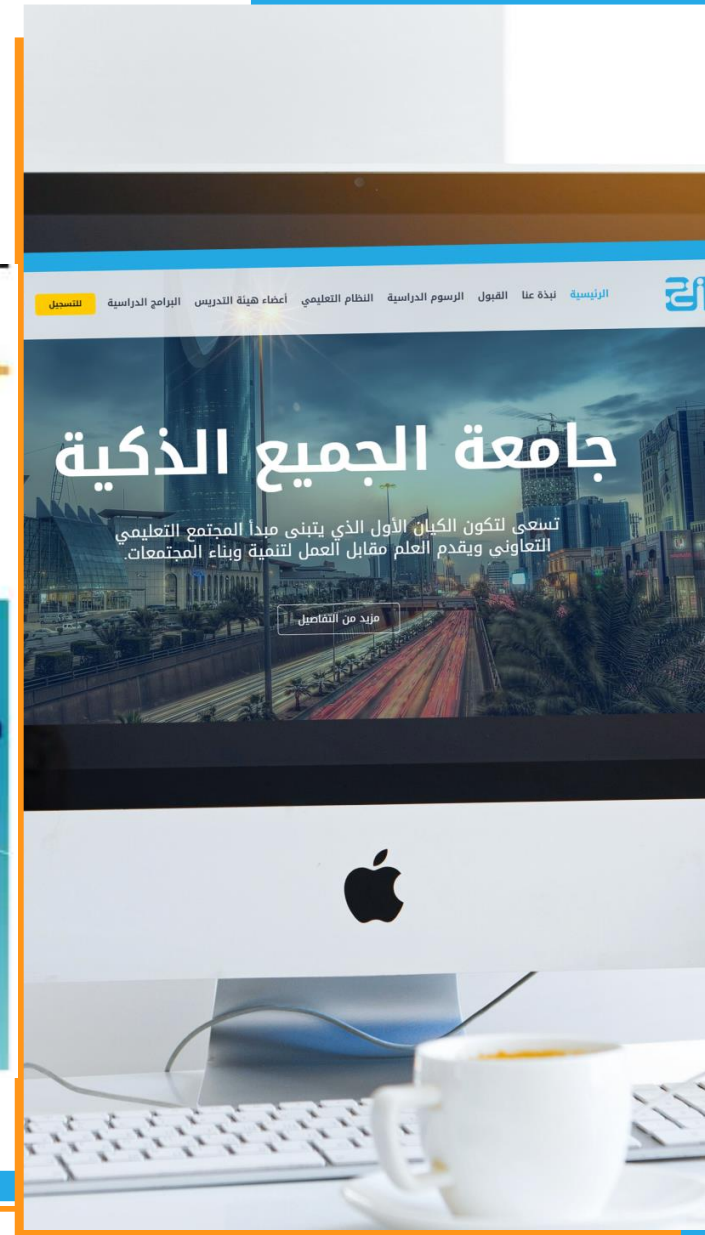


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Projects' Characteristics:

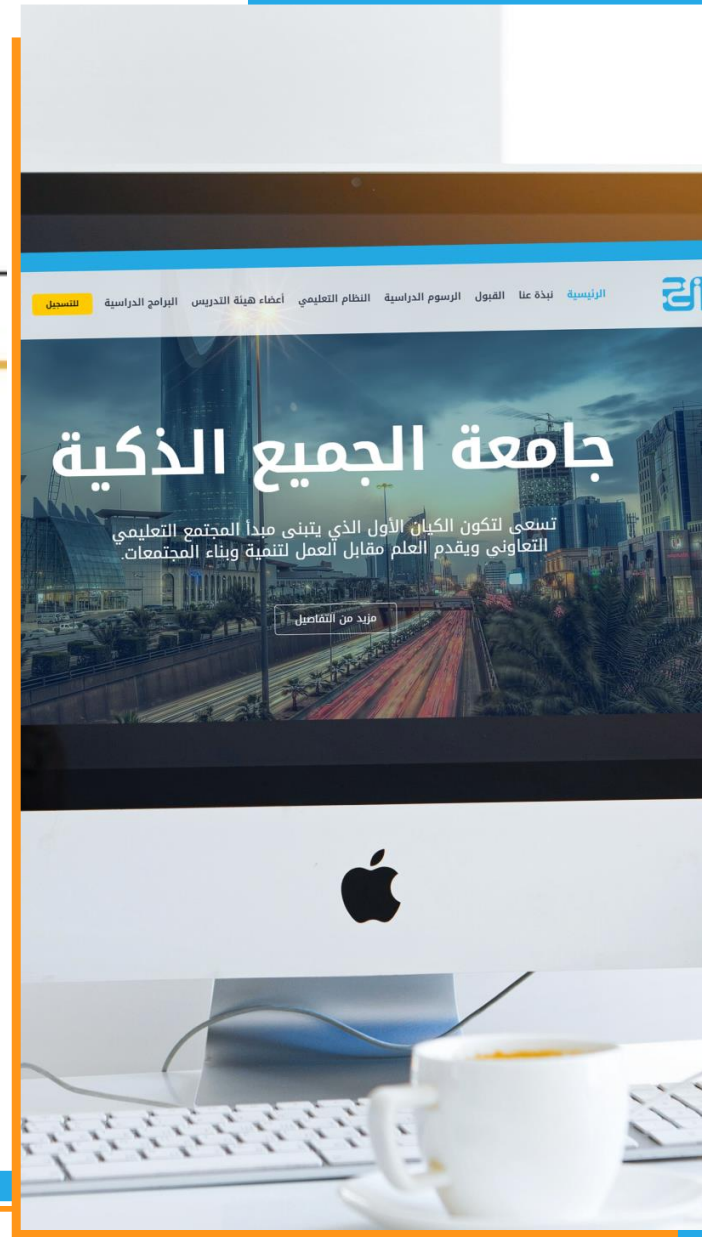
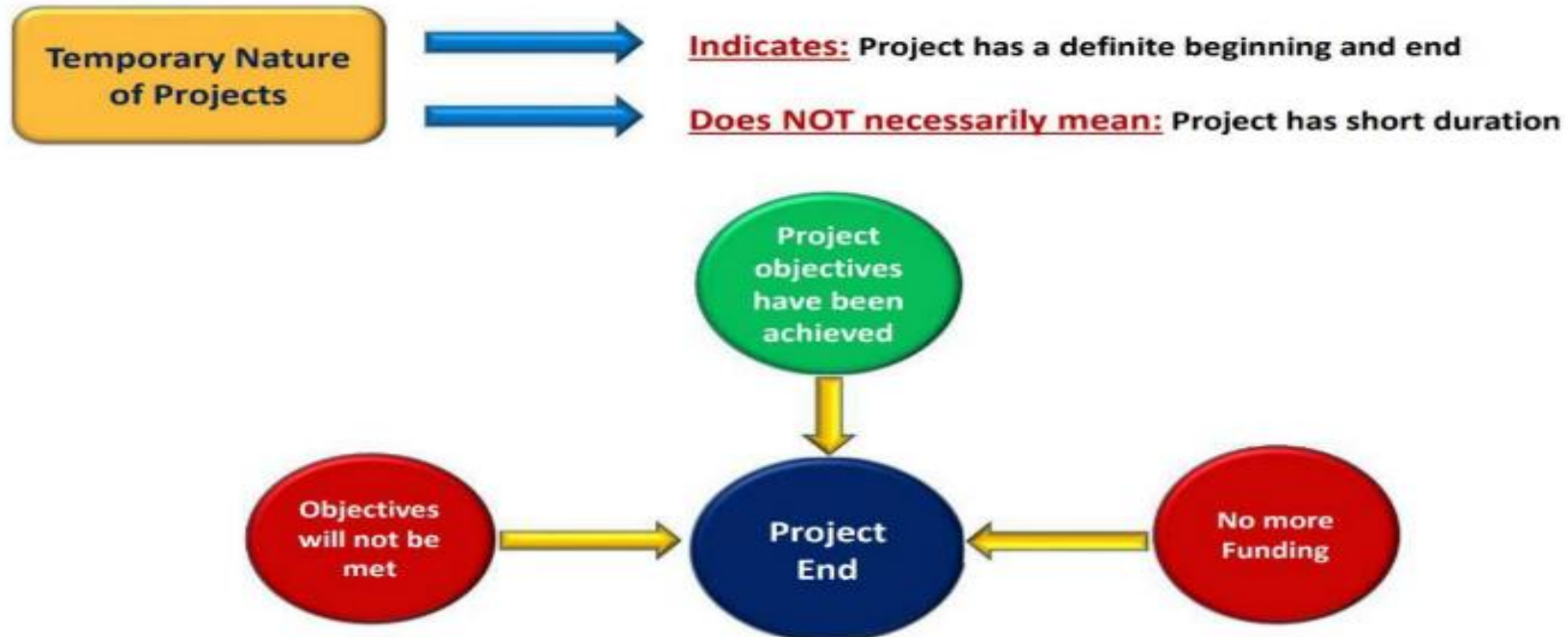
- Examples of Projects:

- Developing a new pharmaceutical compound for market
- Expanding a tour guide service
- Merging two organizations
- Improving a business process within an organization
- Acquiring and installing a new computer hardware system in an organization
- Exploring for oil in a region
- Modifying a computer software program used in an organization
- Conducting research to develop a new manufacturing process
- Constructing a building



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Projects' Characteristics:



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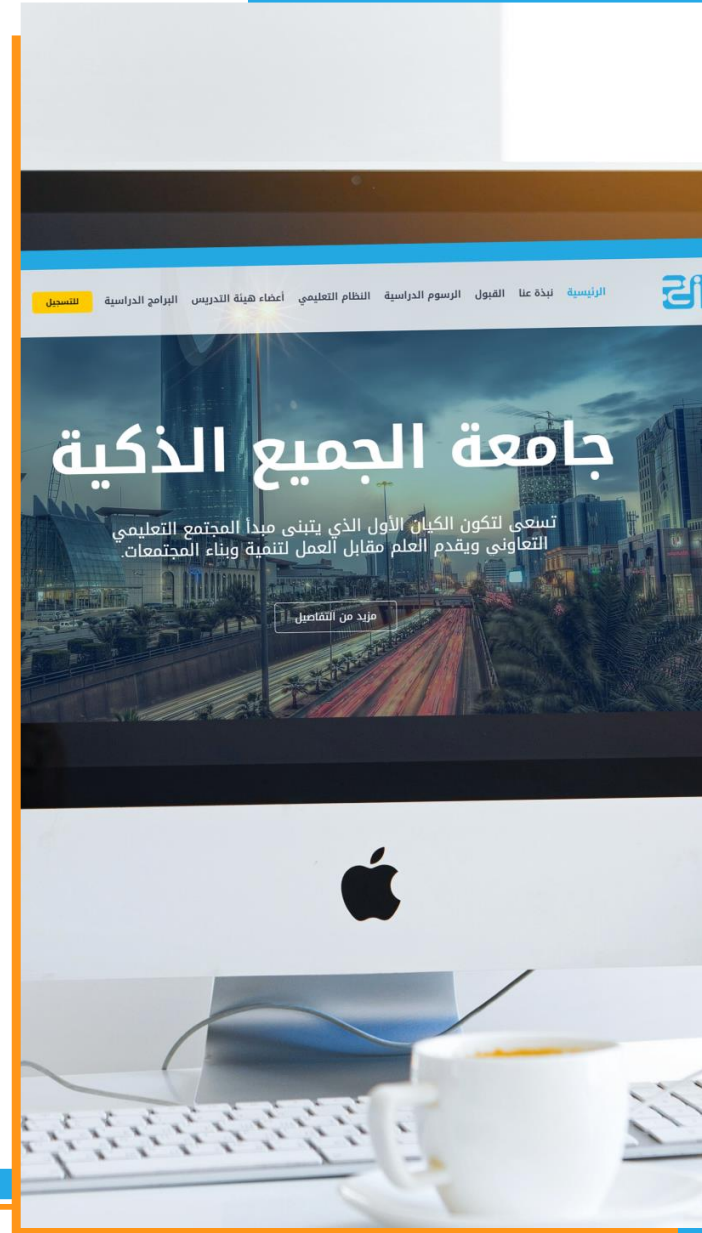


What is a project ?

- **Temporary** endeavor undertaken to create a **unique** service or product or result
- **Temporary:** means definite beginning and definite end
- **Unique** :different design, different location , different circumstance ...etc

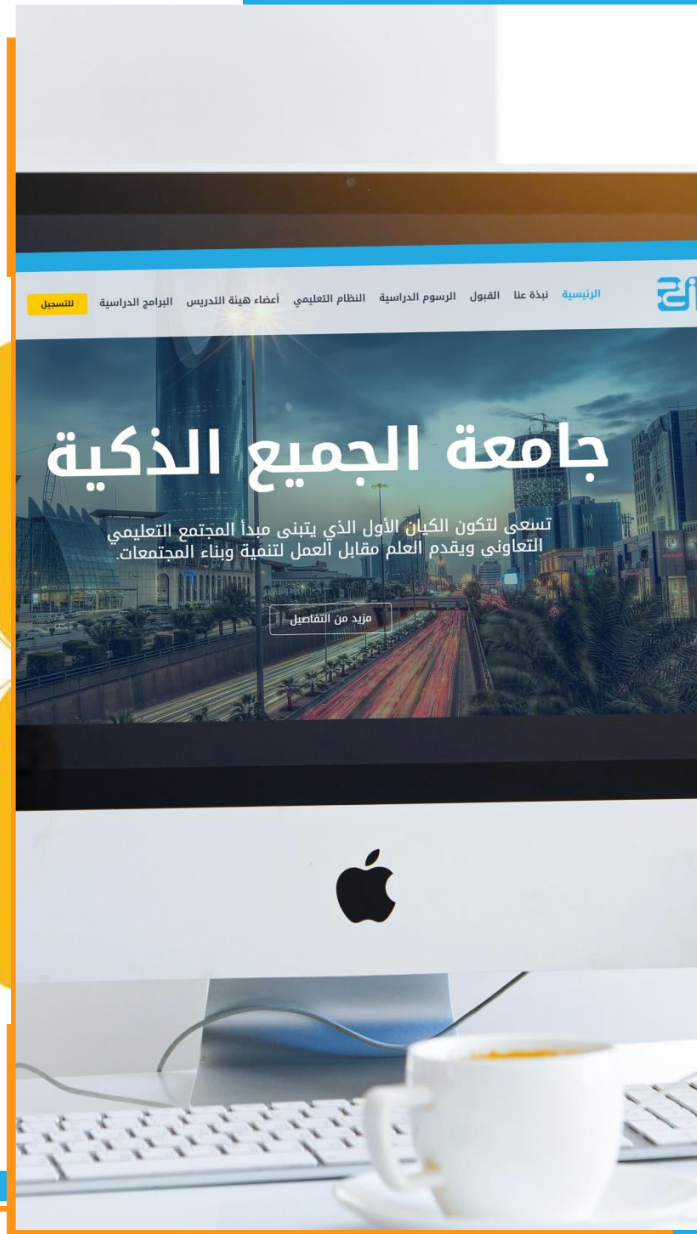
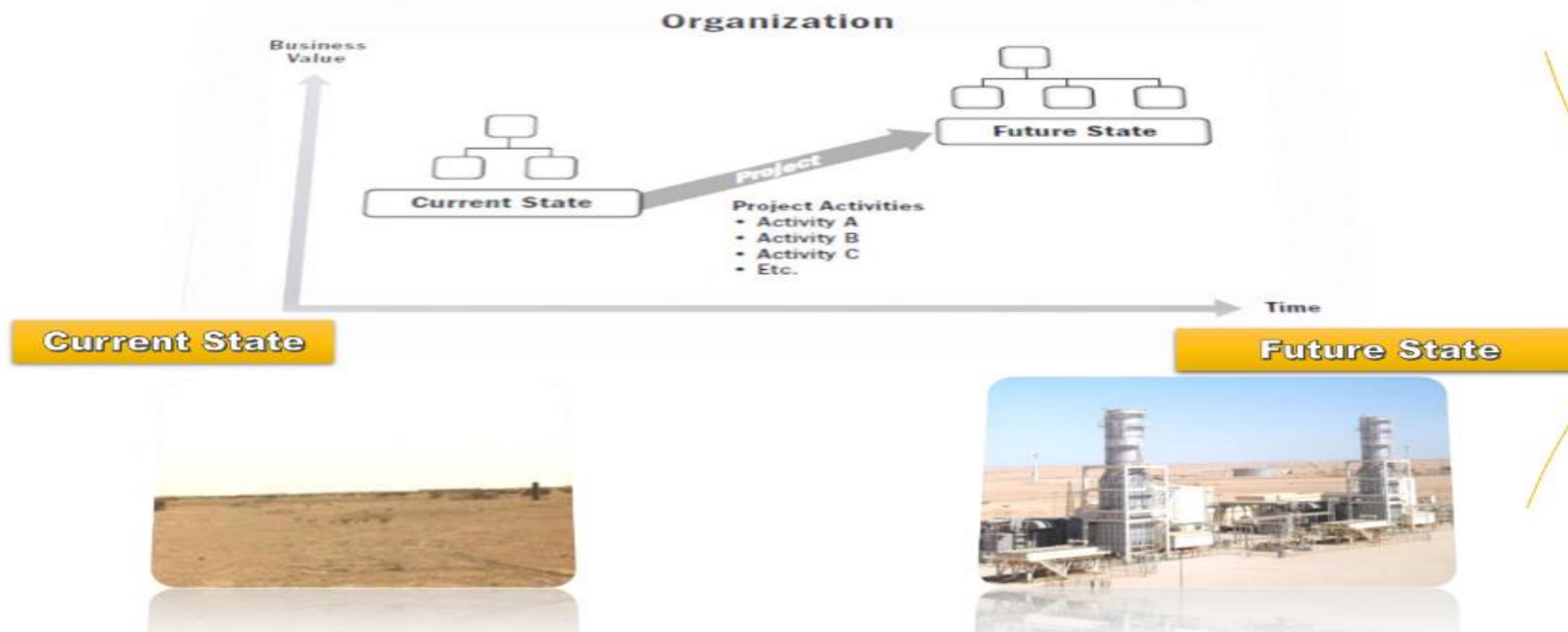


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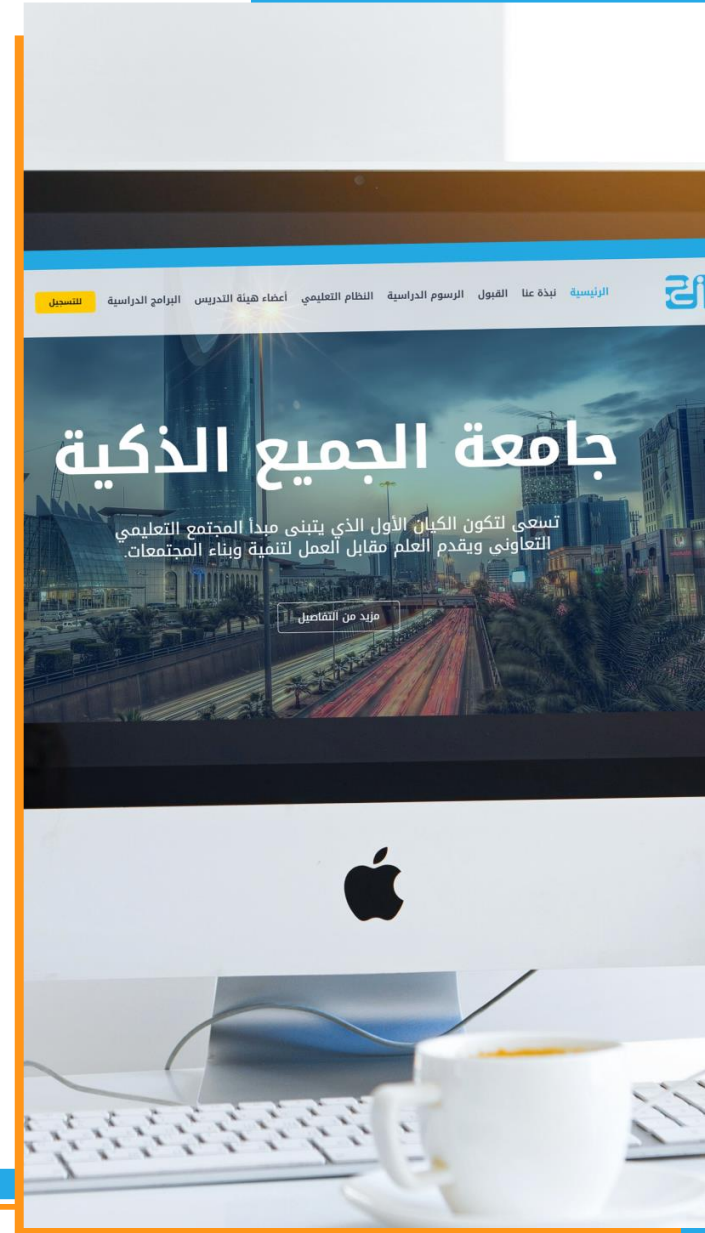


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Projects drive change



Projects enable business value creation



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Project Management

Project Management is accomplished through the application and integration of five processes.

يتم تنفيذ إدارة المشروع من خلال تطبيق
وتكامل خمس عمليات.

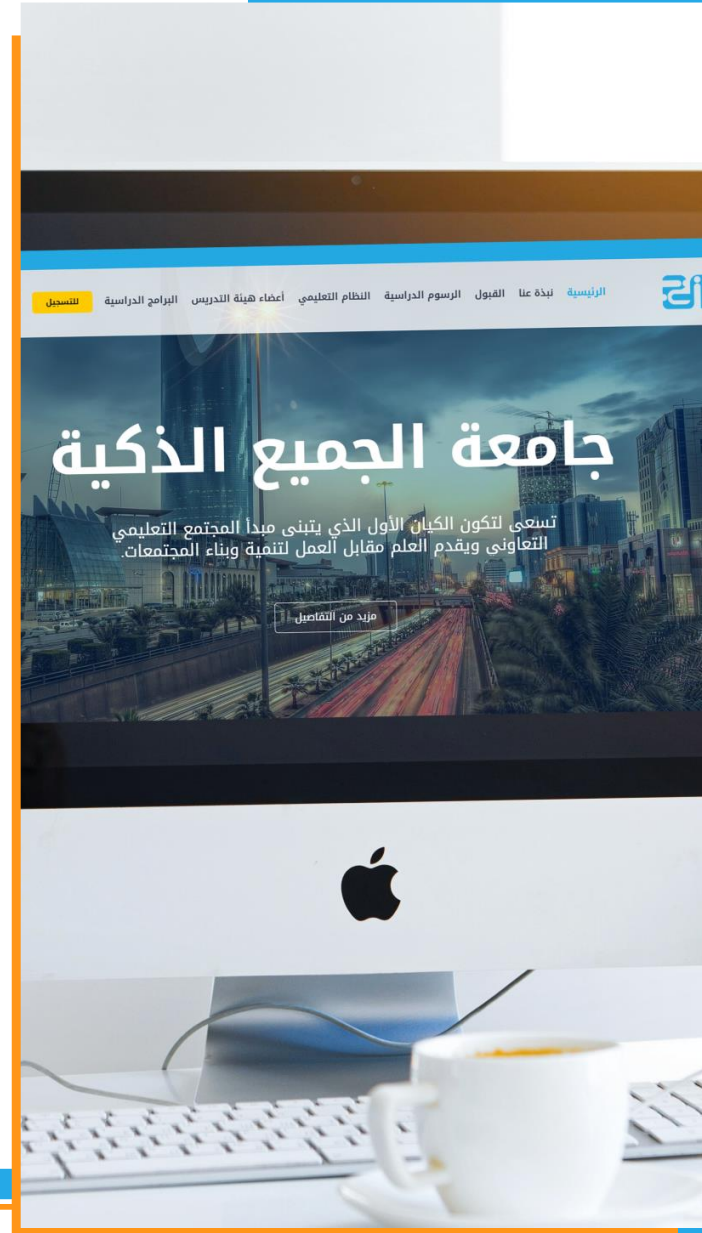


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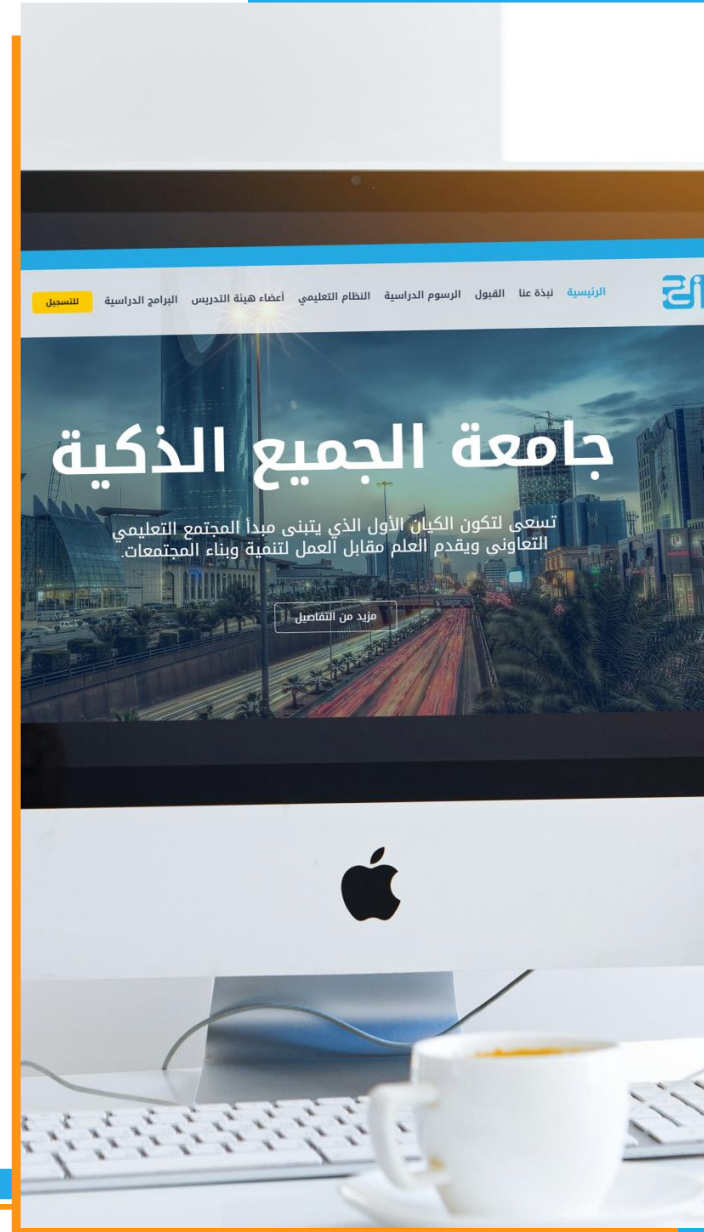
PROGRAM MANAGEMENT

- group of **related** projects managed in a coordinated way to obtain **benefits**
- **Aligning with the organizational or strategic direction**
- **Allocating budgets across multiple projects within the program**



PORTFOLIO MANAGEMENT

- Select the optimal mix of **programs** and **projects** to meet strategic **objectives**.
- Guide organizational investment decisions.
- Centralize the management of the aggregate risk profile of all components



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Project VS Operation



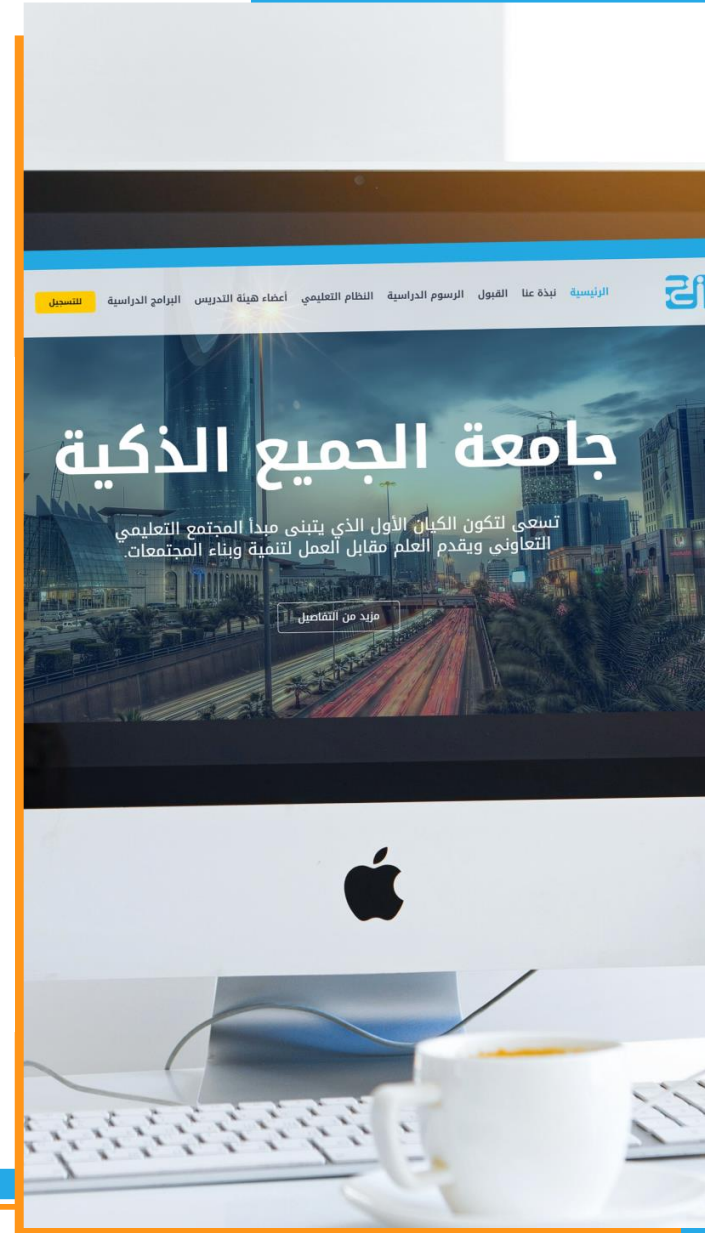
Project



Operations

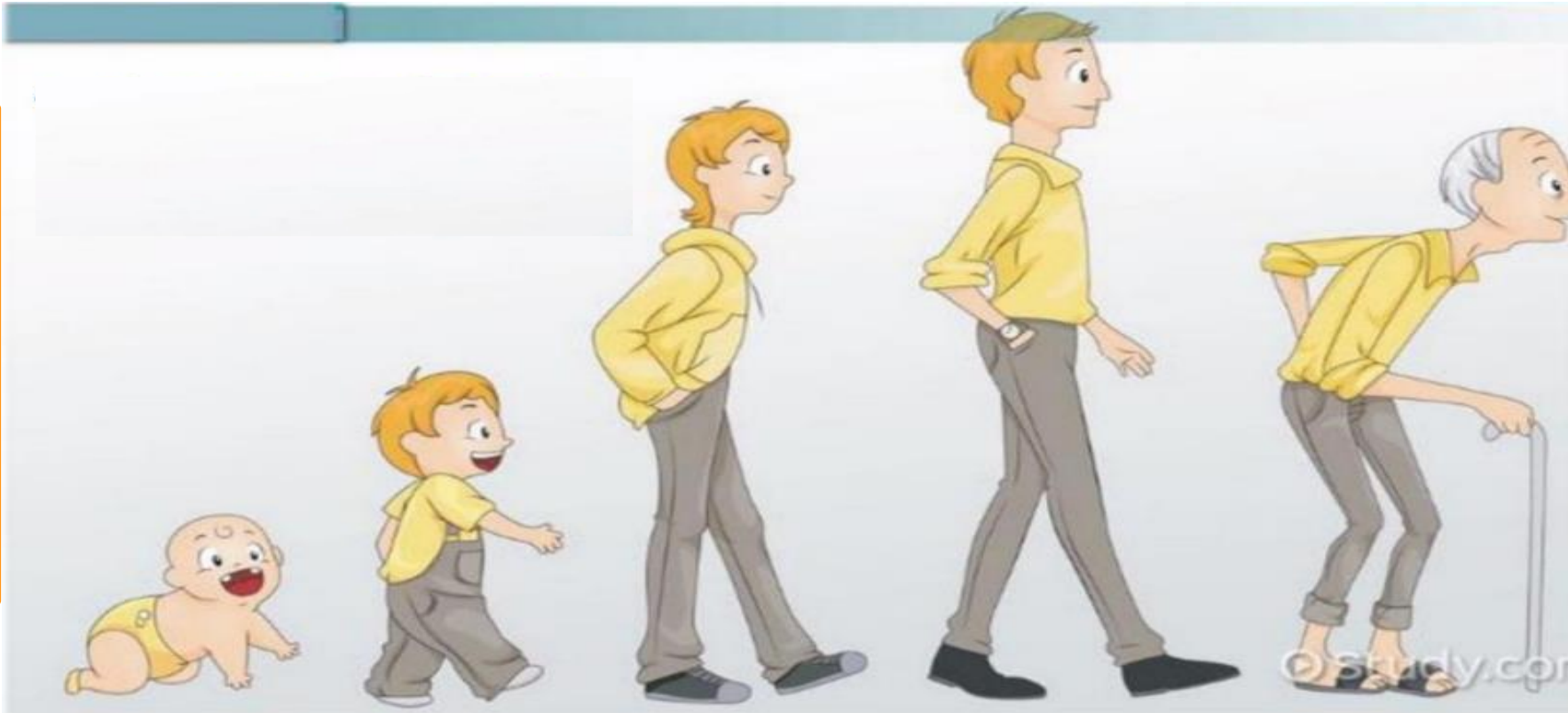


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The Project Life Cycle

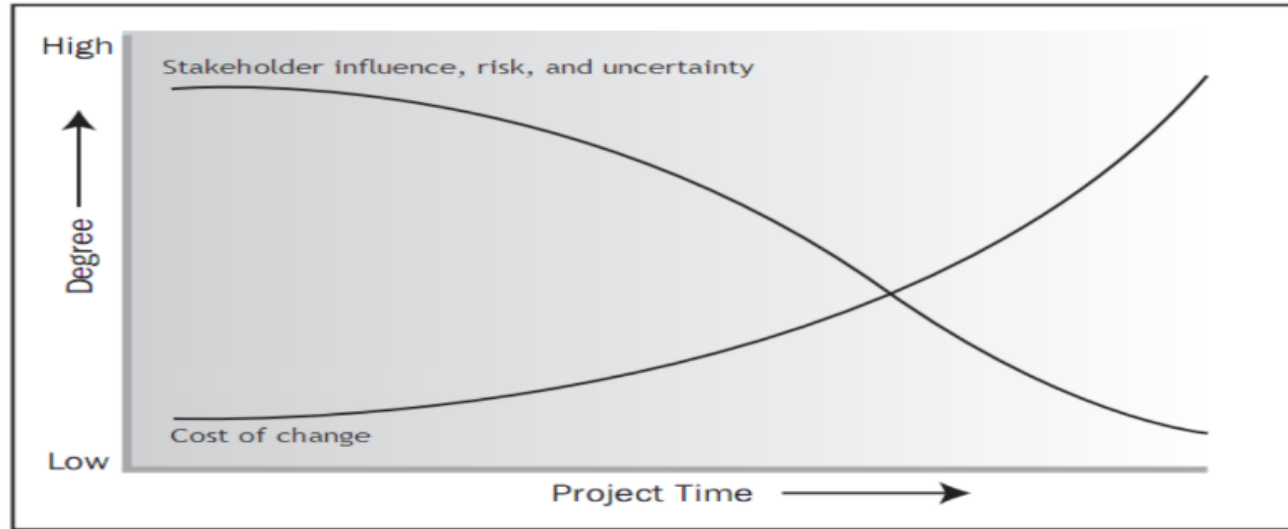


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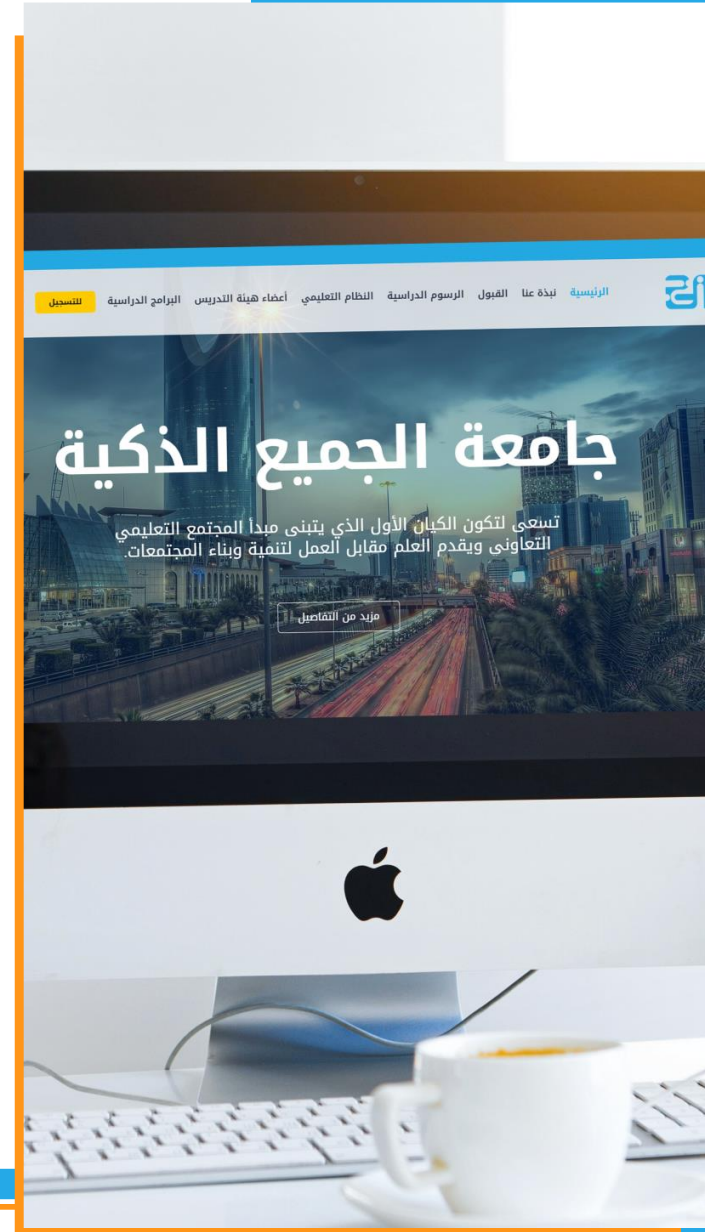
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Stakeholder influences



Stakeholder influences, risk, and uncertainty, are greatest at the start of the project. These factors decrease over the life of the project.

The cost of changes and correcting errors typically increases substantially as the project approaches completion.



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The Project Life Cycle

Project lifecycle

Adaptive or Agile

The detailed Scope is defined and approved before the iteration

Predictive

Scope, time and cost determined in early Phases

Incremental

The deliverable is produced in a series of iterations

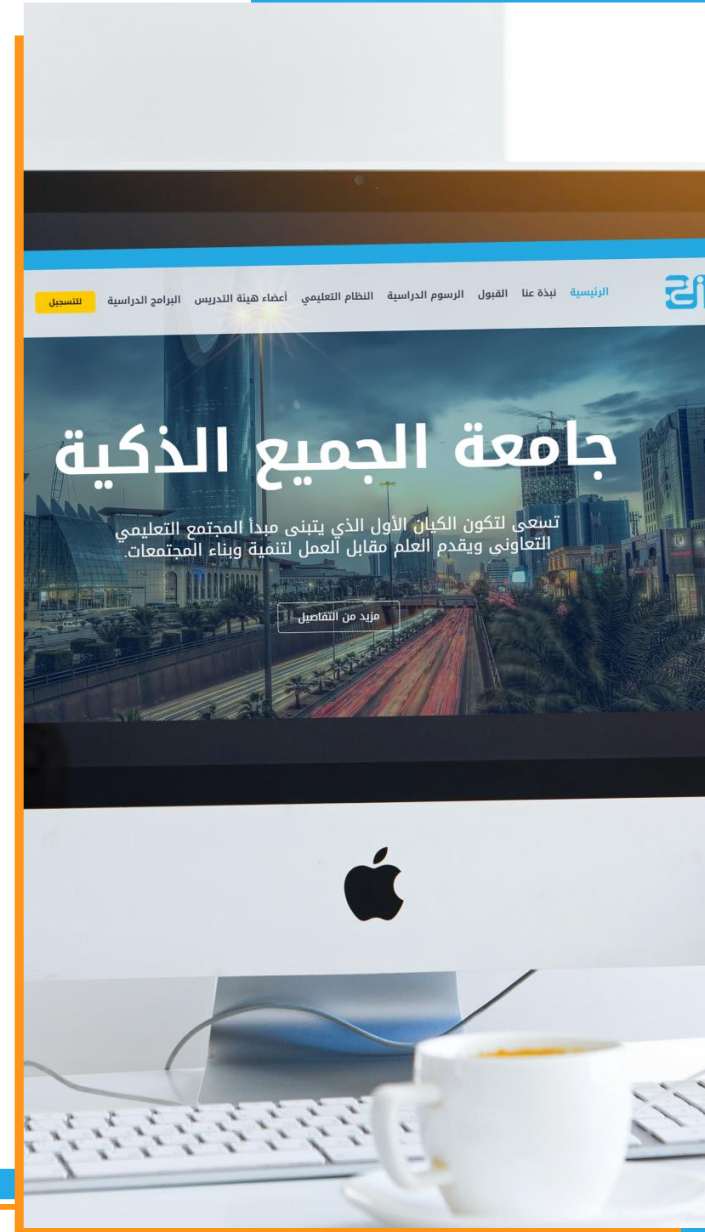
Repetitive

General Scope determined Early

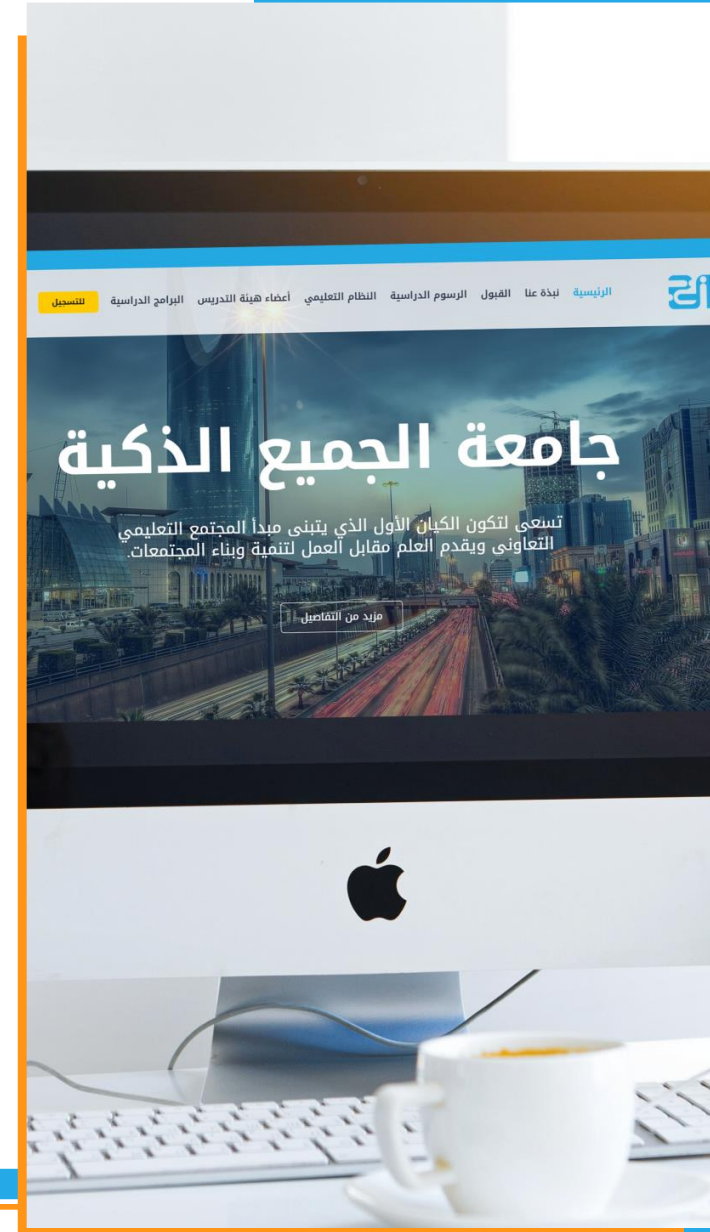
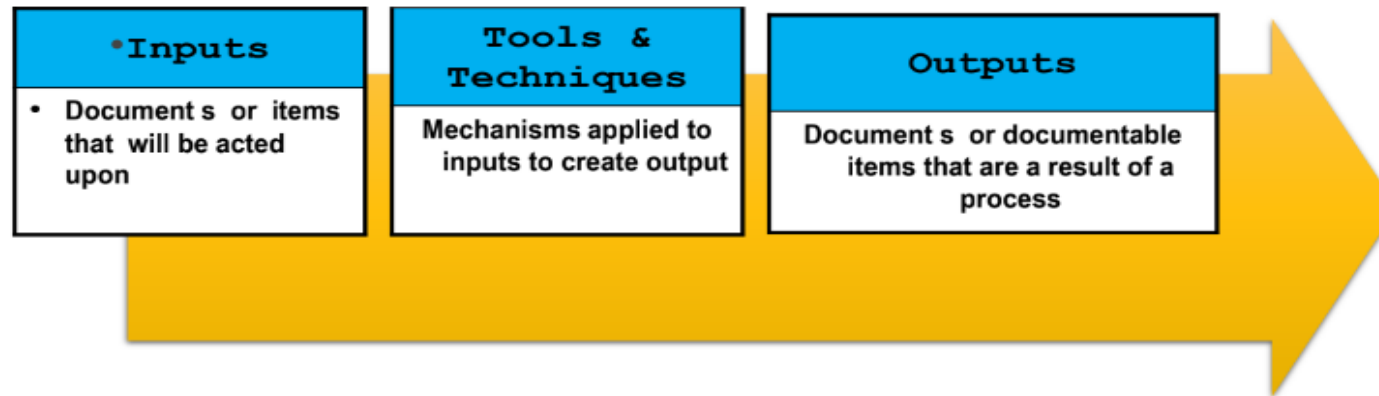
But time and cost are modified as the team understand the product increases

Hybrid

Combination between adaptive and Predictive



1.2.4.4 PROJECT MANAGEMENT PROCESSES



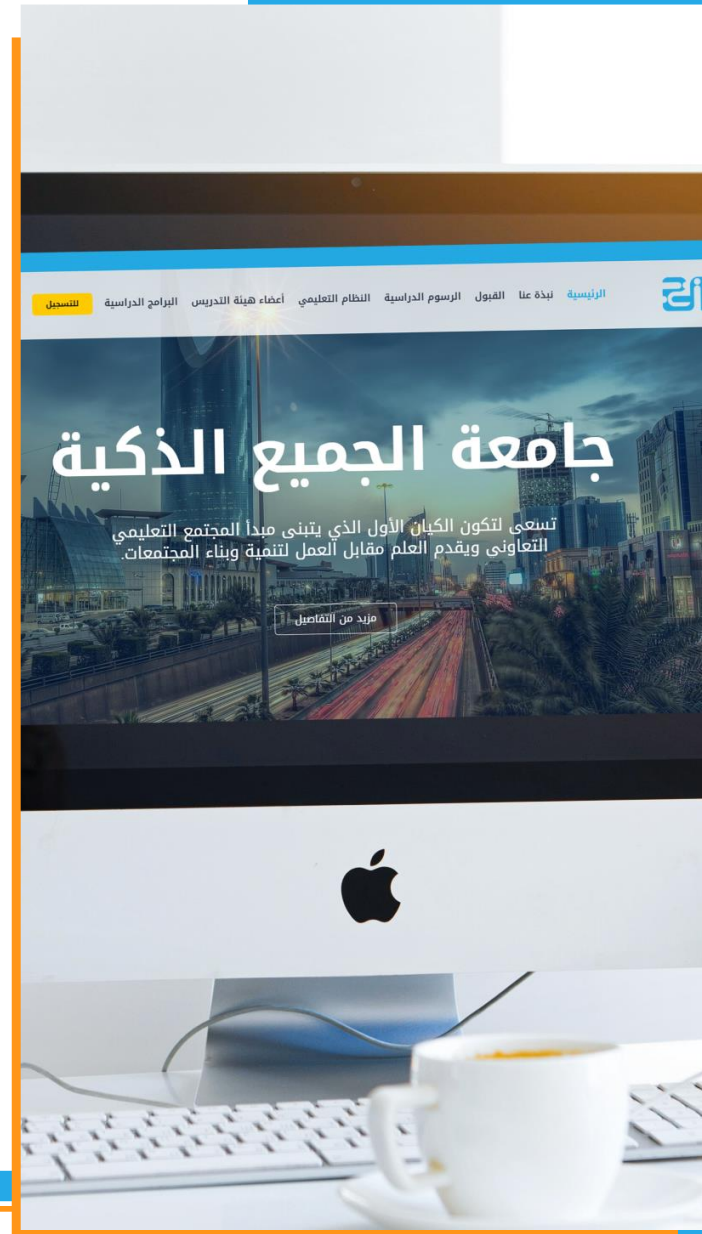
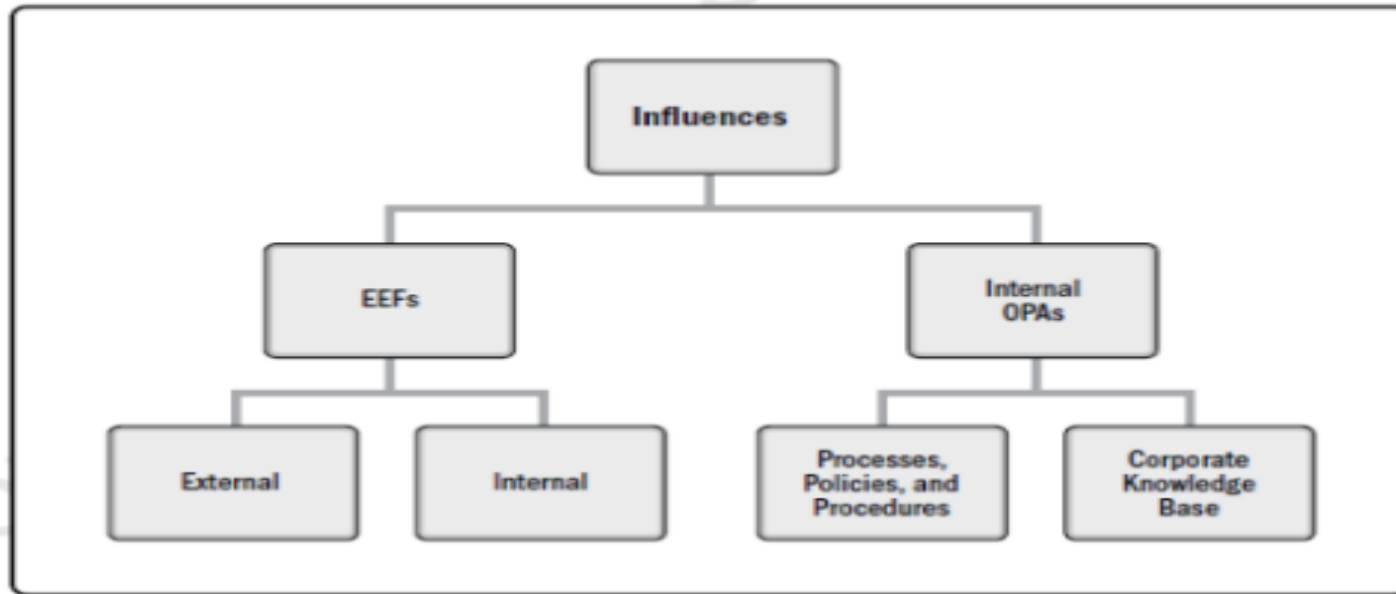
Chapter 02

chapter 2

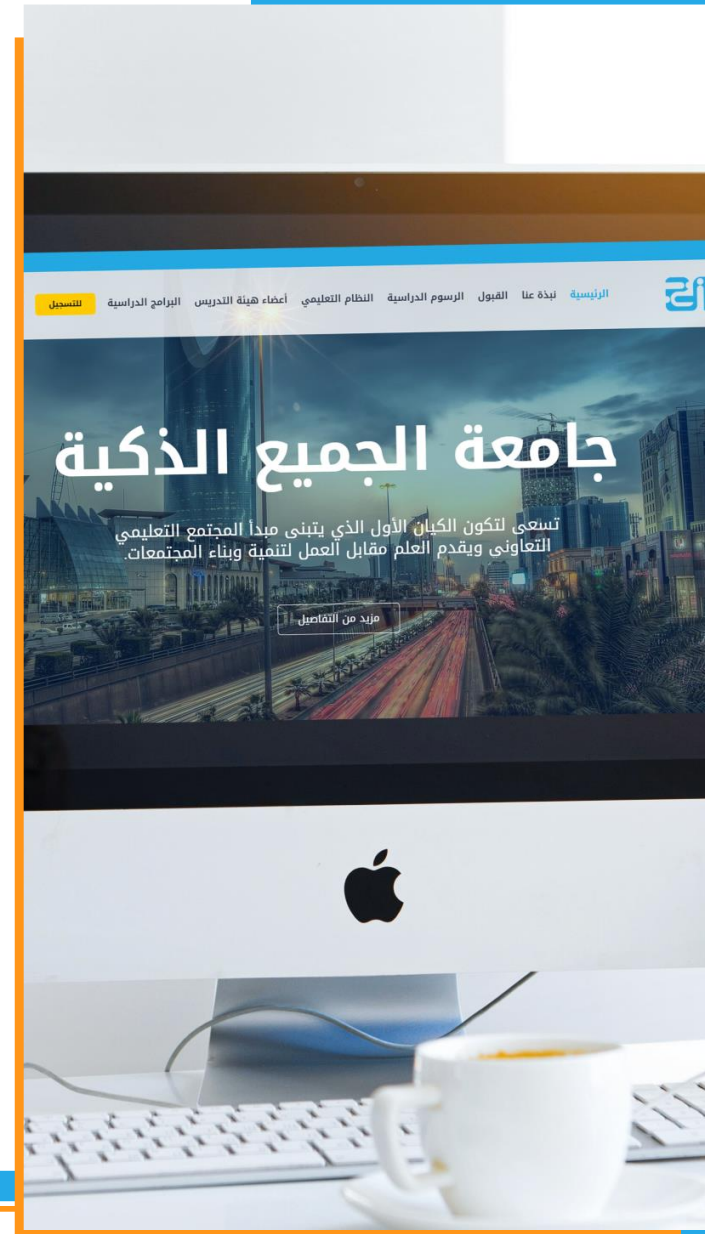
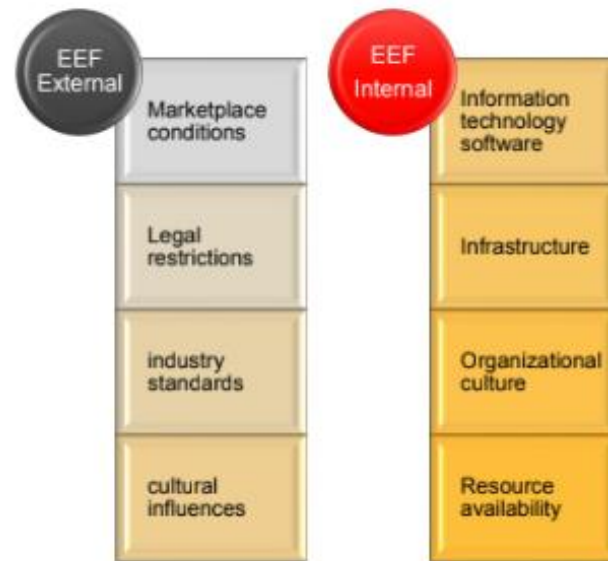
THE ENVIRONMENT IN WHICH PROJECTS OPERATE



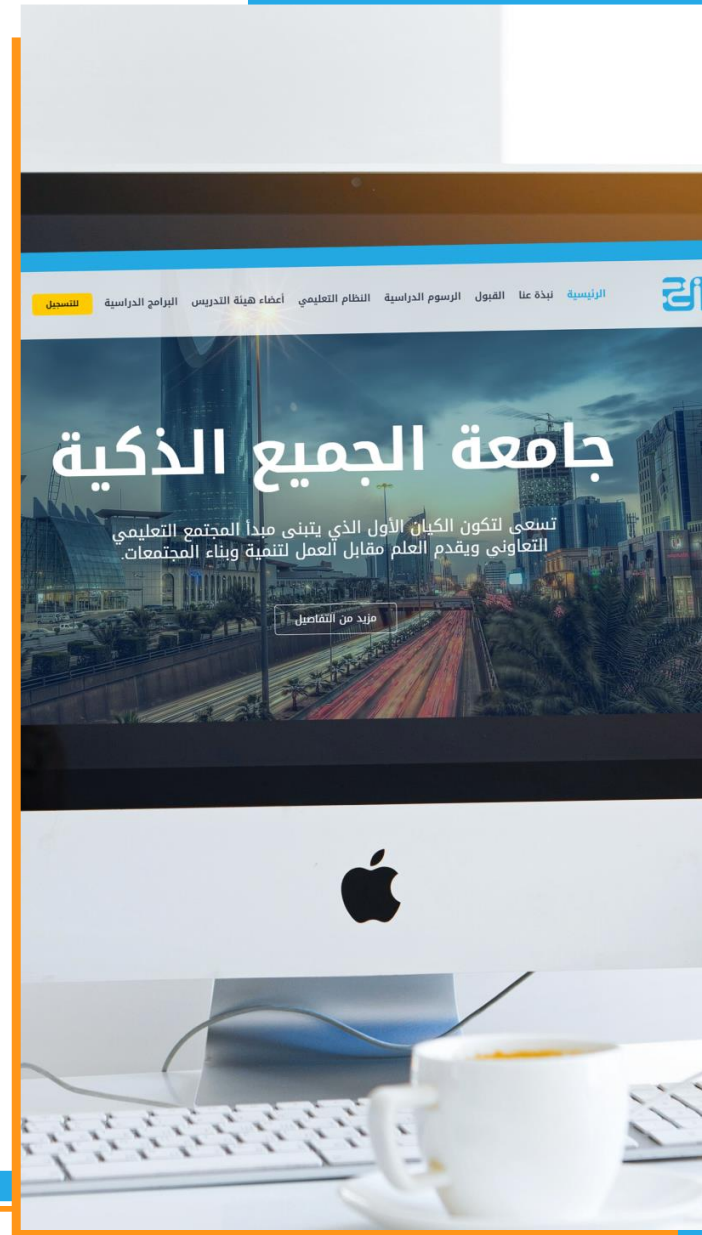
2.1 OVERVIEW



2.2 ENTERPRISE ENVIRONMENTAL FACTORS



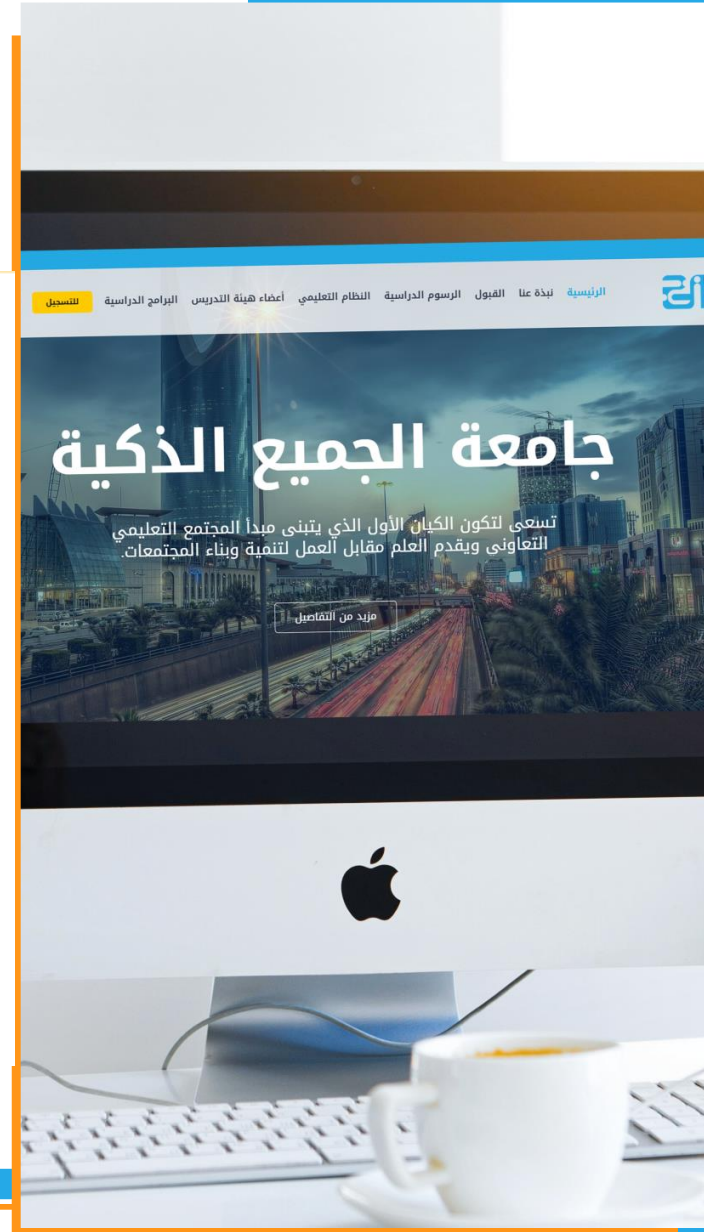
2.3 ORGANIZATIONAL PROCESS ASSETS



Chapter 02

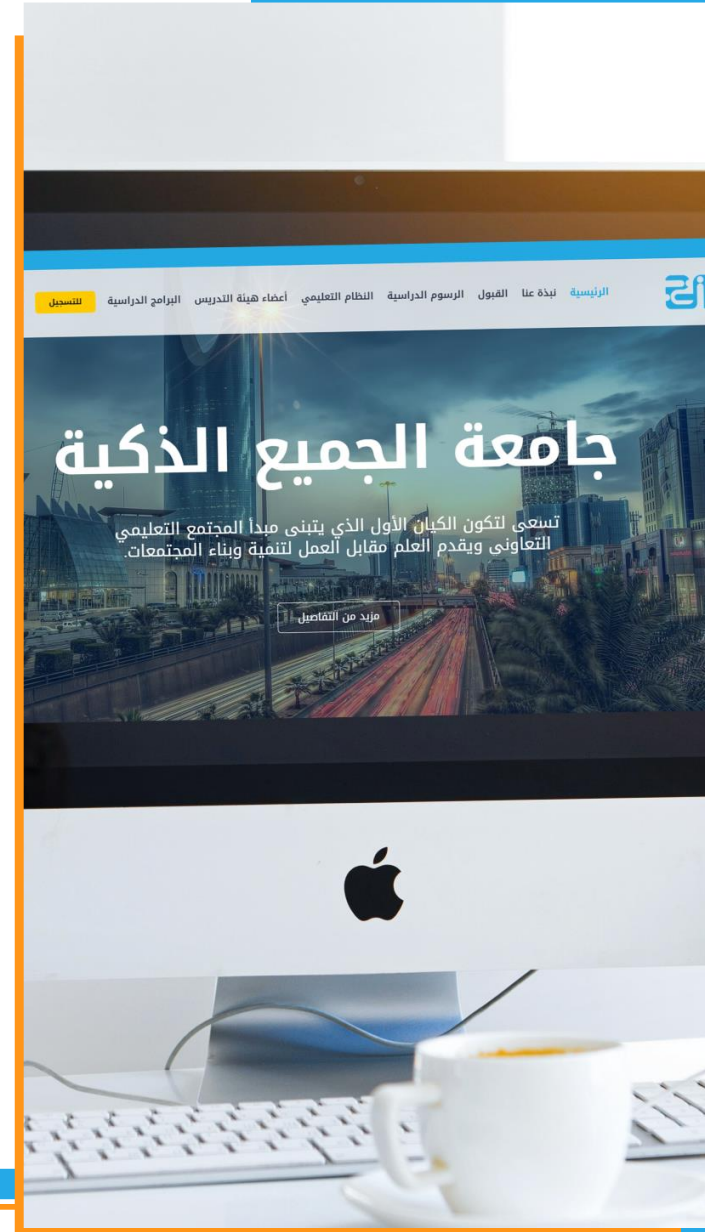
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Organizational Structure Type	Project Characteristics			
	Work Groups Arranged by:	Project Manager's Authority	Project Manager's Role	Who Manages the Project Budget?
Organic or Simple	Flexible; people working side-by-side	Little or none	Part-time	Owner or operator
Functional (centralized)	Job being done	Little or none	Part-time	Functional manager
Multi-divisional	One of: processes; portfolio; program; geographic region;	Little or none	Part-time	Functional manager
Matrix – strong	By job project manager as a function	Moderate to high	Full-time	Project manager
Matrix – weak	Job function	Low	Part-time	Functional manager
Matrix – balanced	Job function	Low to moderate	Part-time	Mixed



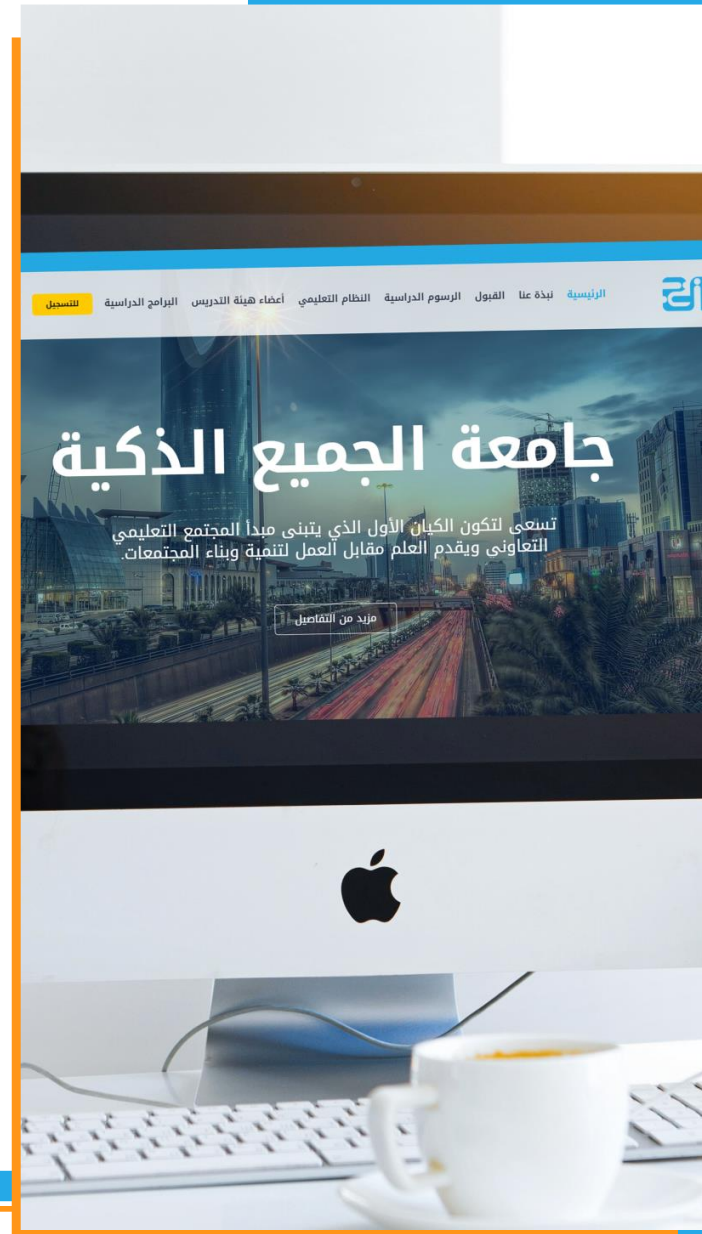
Chapter 02

Organizational Structure Type	Project Characteristics			
	Work Groups Arranged by:	Project Manager's Authority	Project Manager's Role	Who Manages the Project Budget?
Project-oriented (composite, hybrid)	Project	High to almost total	Full- Time	Project manager
Virtual	Network structure points of contact with other people	Low to moderate	Full-time or part-time	Mixed
Hybrid	Mix of other types	Mixed	Mixed	Mixed
PMO*	Mix of other types	High to almost total	Full- Time	Project manager

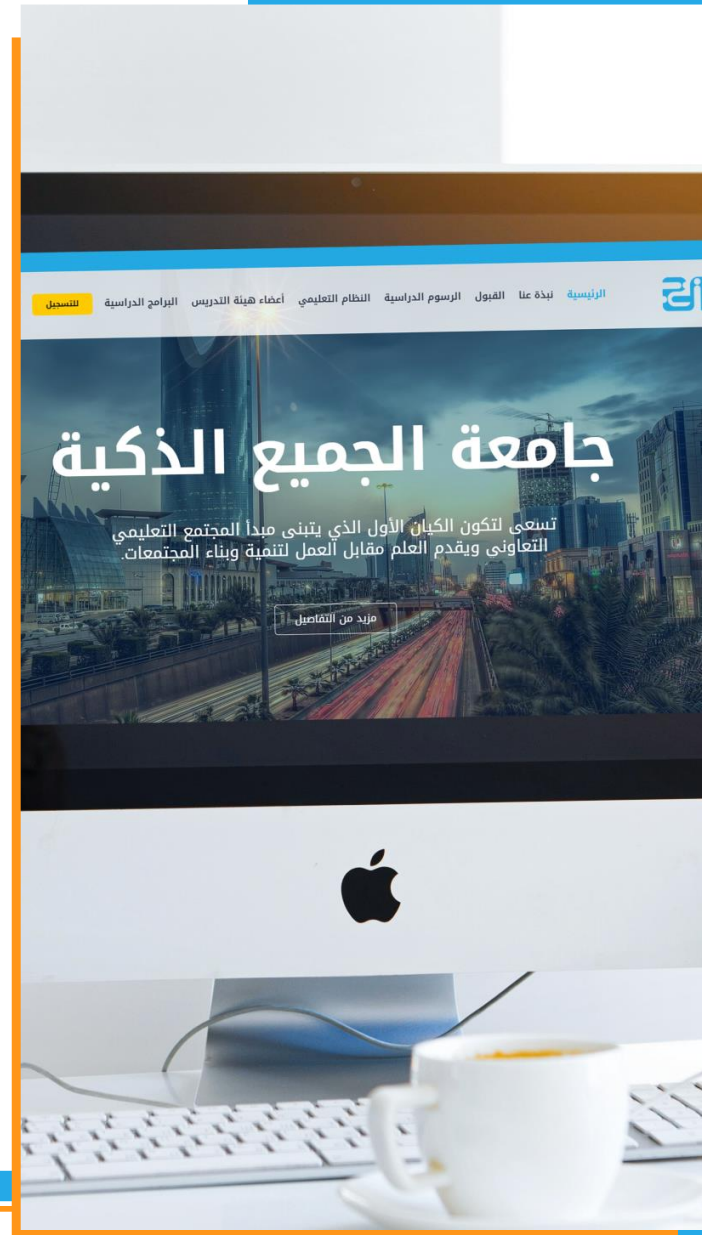


Project Management Office (PMO)

organizational structure standardizes the project-related governance processes and facilitates the sharing of resources, methodologies



PMO TYPES



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chapter 3

THE ROLE OF THE PROJECT MANAGER

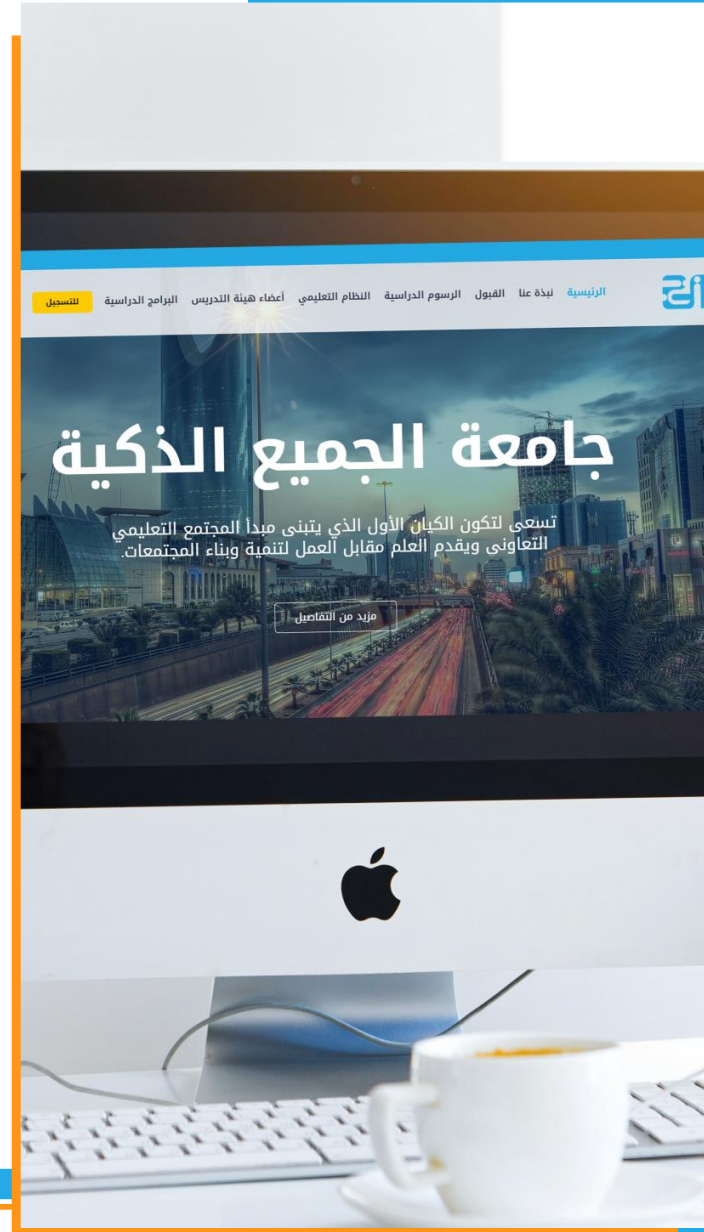


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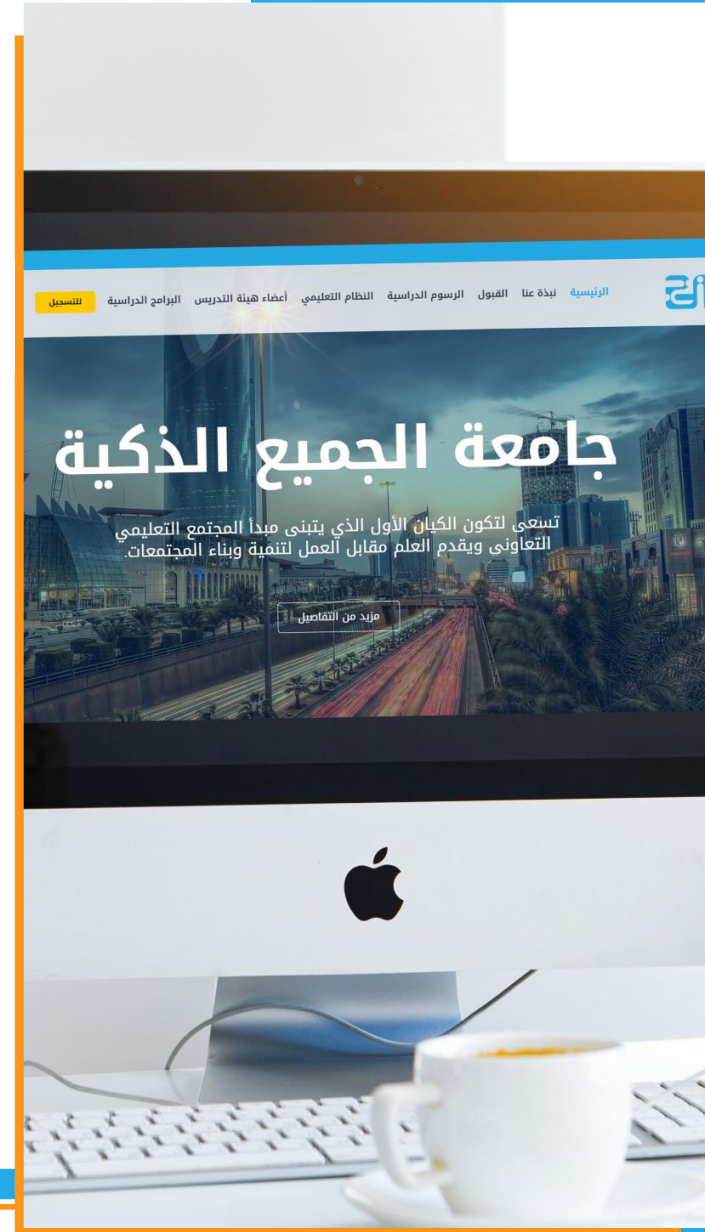
POLITICS, POWER, AND GETTING THINGS DONE

- **Forms of Power**
- **Positional**
- **Informational**
- **Referent**
- **Situational**
- **Personal or charismatic**
- **Relational**
- **Expert**
- **Reward-oriented**
- **Punitive or coercive**
- **Pressure-based**
- **Guilt-based**
- **Persuasive**



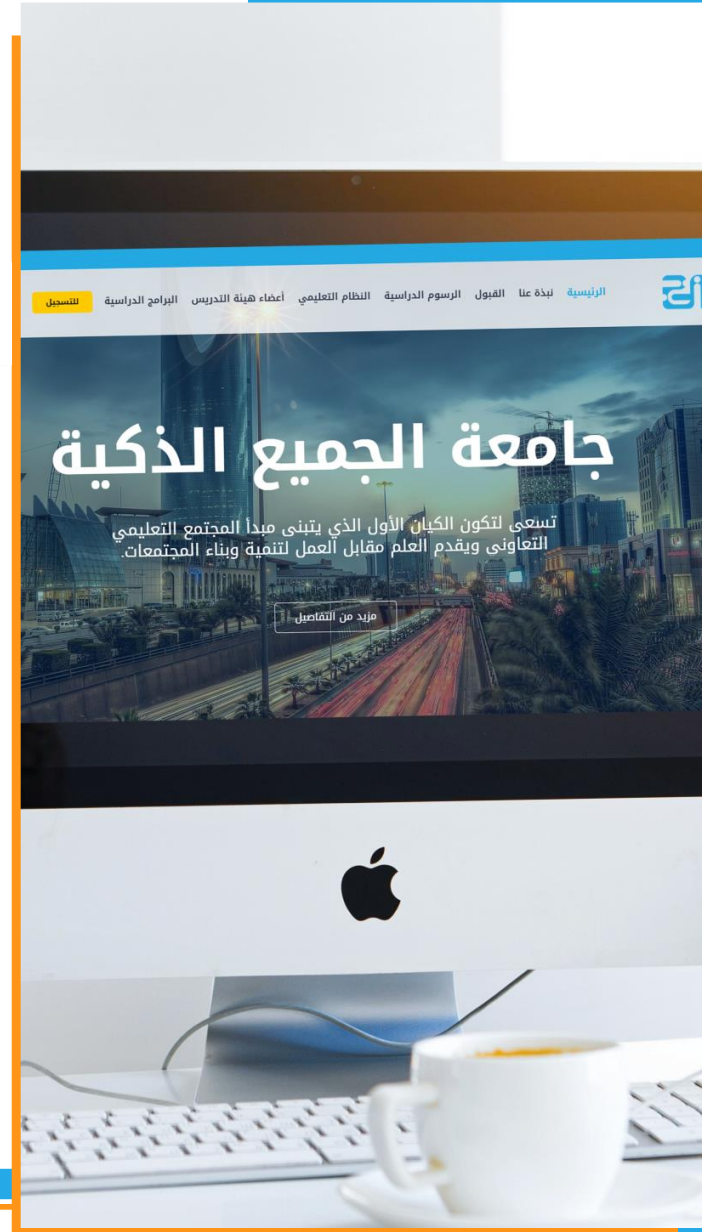
COMPARISON OF LEADERSHIP AND MANAGEMENT

Management	Leadership
Direct using positional power	Guide, influence, and collaborate using relational power
Maintain	Develop
Administrate	Innovate
Focus on systems and structure	Focus on relationships with people
Rely on control	Inspire trust
Focus on near-term goals	Focus on long-range vision
Ask how and when	Ask what and why
Focus on bottom line	Focus on the horizon
Accept status quo	Challenge status quo
Do things right	Do the right things
Focus on operational issues and problem solving	Focus on vision, alignment, motivation, and inspiration



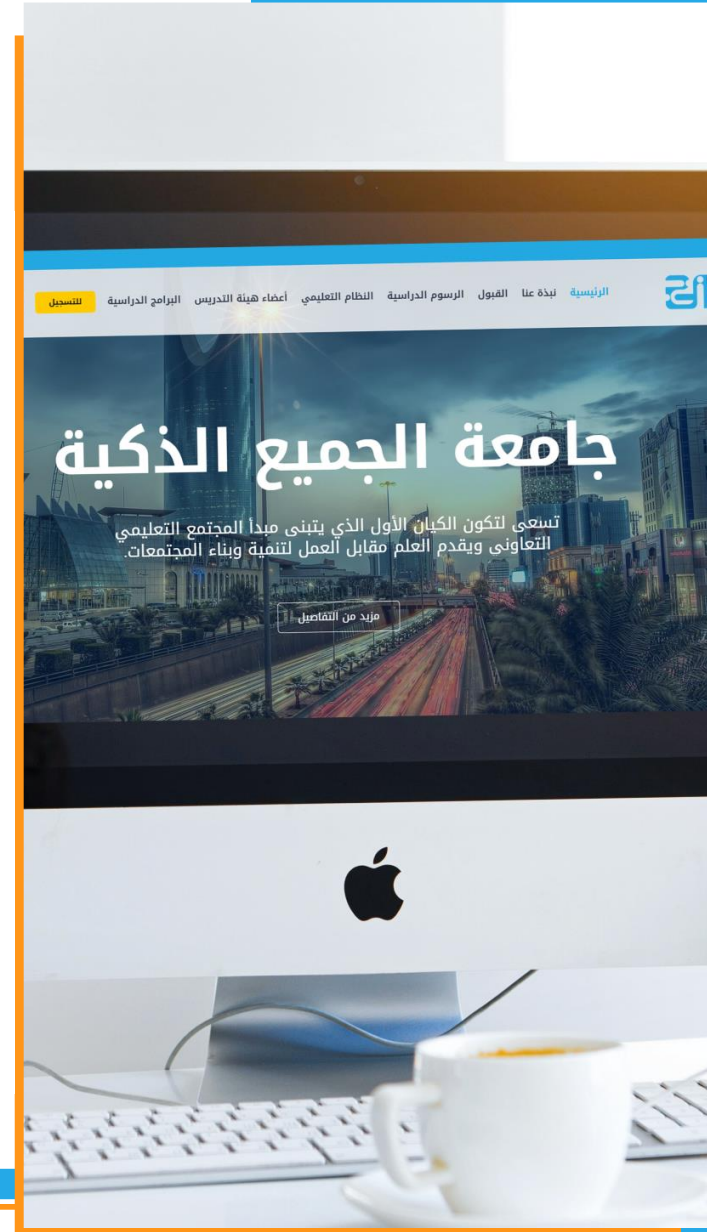
LEADERSHIP STYLES

- **Laissez-faire**
- **Transactional**
- **Servant leader**
- **Transformational;**
- **Charismatic**
- **Interactional**



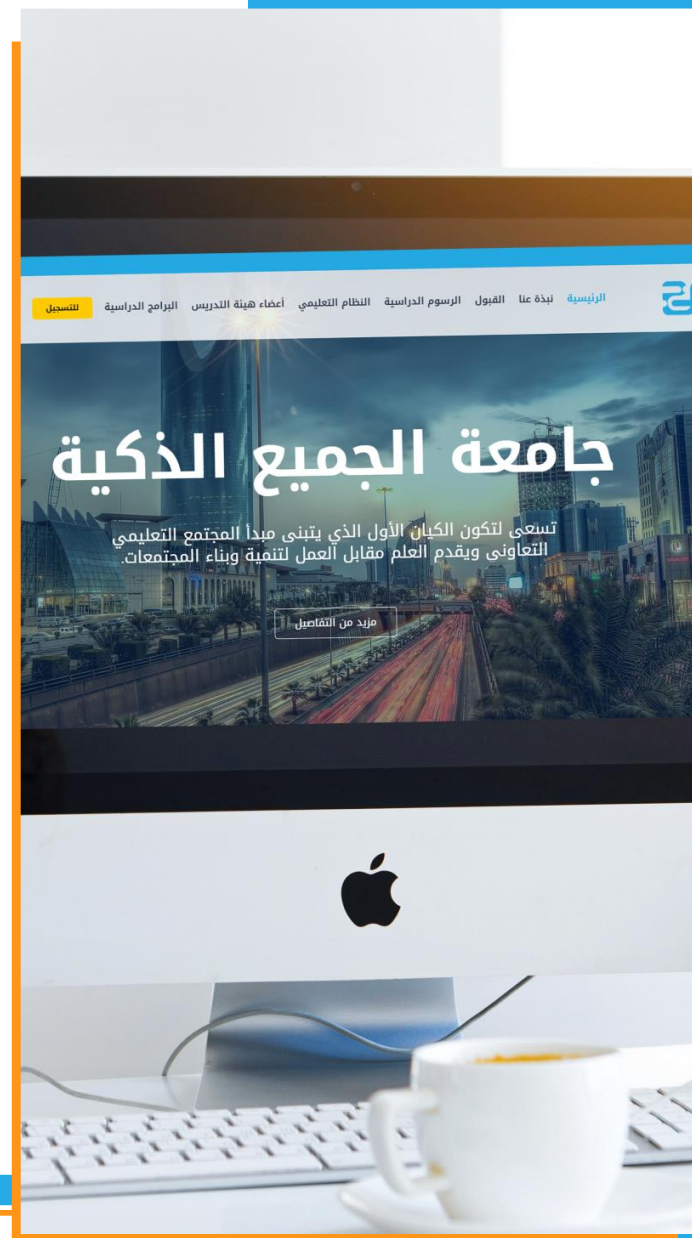
PERSONALITY

- **Creative**
- **Cultural**
- **Emotional**
- **Intellectual**
- **Managerial**
- **Political**
- **Service-oriented**
- **Social**
- **Systemic**



Chapter 03

Leadership is not about power,
it is about responsibility.



Chapter 03



THANK YOU

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