



System analysis





Lecture1

1- "If you don't know where you are going, it doesn't matter which way you go"?

- A) Albert Einstein
- B) Steve Jobs
- C) Lewis Carol**
- D) Charles Dickens

2- What is the key focus of planning in system analysis and design?

- A) To evaluate one fixed solution
- B) To consider alternatives of solutions**
- C) To ignore cost factors
- D) To focus only on design

3- Which factor is NOT typically considered when evaluating solution alternatives?

- A) Cost
- B) Implementation time
- C) Quality measures
- D) Color scheme**

4- Information Technology is now considered as essential to life as water and air.

- a) True**
- b) False

5- Information technology has little impact on business success or failure.

- a) True
- b) False**



6- Digital transformation is now for entertainment.

- a) True **b) False**

7- What does Information Technology (IT) refer to?

- A) Hardware only
- B) Software only
- C) Hardware, software, and services**
- D) Internet and communication tools

8- Information technology (IT) includes only hardware used to manage and share information.

- A) True **B) False**

9- When the economy slows down, firms tend to invest less in IT, as it does not contribute to reducing operating costs.

- A) True **B) False**

Firms often use IT to reduce operating costs and improve efficiency during slow economic times.

10- Why is it important for companies to stay ahead of the IT curve during periods of growth?

- A) To reduce operating costs
- B) To avoid lagging behind competitors**
- C) To increase employee satisfaction
- D) To improve software performance

11-is a step by step process for developing high quality information systems

- a) System planning **b) System analysis**

12- Which of the following best describes Systems Design?

- A) Identifying customer needs
- B) Planning a new business system or replacing an existing system**
- C) Analyzing financial statements
- D) Conducting market research

13- The main focus of System Analysis is to determine how system should be designed.

- A) True B) False

14- System Analysis asks the question "What?"

while Systems Design asks the question "How?".

- A) True B) False

15- What is the primary role of a systems analyst in an IT

- A) To manage the hardware infrastructure
- B) To oversee network security
- C) To plan, develop, and maintain information systems
- D) To provide technical support to users

16- Which of the following skills is essential for systems analyst ?

- A) Programming skills only
- B) Strong analytical and critical thinking skills
- C) Graphic design skills
- D) Hardware troubleshooting skills

17- Why is communication important for a systems analyst?

- A) To sell software products
- B) To effectively work with team members and stakeholders
- C) To conduct training sessions
- D) To write code

18- What is a system?

- A) A collection of unrelated components
- B) A set of related components that produces specific results
- C) An individual component performing a task
- D) A random assortment of tools

19- Which of the following best describes a mission-critical system?

- A) A system that can be easily replaced
- B) A system that is vital to a company's operations**
- C) A system that only functions occasionally
- D) A system that is not important to daily tasks

20- A mission-critical system is one that is vital to a company's operations

- A) True**
- B) False

21- Which component of an information system includes end-users who interact with the system?

- A) Hardware
- B) Software
- C) Procedures
- D) People => الدكتور قالها في المحاضرة بالنص**

22- component of an information system includes

- A) Hardware
- B) Software
- C) Procedures
- D) All**

23- How has the internet influenced consumer behavior?

- A) Consumers are less informed about products.
- B) Consumers rely solely on in-store shopping.
- C) Increased access to information and comparison shopping.**
- D) Decreased demand for personalized services.

24- The internet has led to a decrease in global competition among businesses.

- A) True
- B) False**

A business profile =>

تشمل مهمة الشركة والوظائف التي بتقديمها والعملاء التي يشتغلو معاهم وكده

A business process =>

دي المعاملات الي السيستم بعملها , يعني مثلا لما بتروح البنك بتعمل سحب وايداع

Business process modeling notation (BPMN) =>

بوضح البيزينس بتاعي علي شكل رموز واشكال

25- What does a business profile provide an overview of?

- A) Company regulations and policies
- B) Company mission, functions, and organization**
- C) Financial statements and budgets
- D) Employee performance and evaluations

26- What is a business process defined as?

- A) A collection of random tasks performed by employees
- B) A specific set of transactions, events, and results**
- C) A marketing strategy for new products
- D) A summary of a company's history

27- Which of the following is true about (BPMN)?

- A) It uses verbal descriptions to represent processes

B) It includes standard shapes and symbols for representation

C) It is only applicable to financial processes

D) It is primarily used for data analysis

Top managers=> اصحاب الشركات الي بخطو الخطط الاستراتيجية

Middle managers=> خاص بالاشراف واطافة التطور التجاري للشركة

Supervisors=> خاص بالاشراف علي الموظفين

Operational=> دول يعم الموظفين الي شغالين سواء بنك بقا او غيره

الدكتور في المحاضرة قال ان اهم اتنين عندي في اي سيسيتم

Top managers , Operational

28- What is the main responsibility of top managers?

A) Supervising day-to-day tasks

B) Providing performance feedback to employees

C) Developing long-range, strategic plans

D) Overseeing operational employees

29- Which group of managers provides direction and resources to supervisors and team leaders?

A) Top managers

B) Middle managers

C) Supervisors

D) Operational employees



30- Supervisors, often referred to as team leaders, are primarily responsible for:

- A) Defining the company's overall mission and goals
- B) Providing resources for strategic planning
- C) Overseeing operational employees and day-to-day tasks

31- Supervisors, often called team leaders, are responsible for developing the company's strategic plans.

- A) True
- B) False

32- What is the main purpose of modeling in systems development?

- A) To gather customer feedback
- B) To produce a graphical representation of a concept or process
- C) To create marketing strategies
- D) To reduce system costs

33- The business model mentioned uses how many blocks to present information?

- A) 5
- B) 7
- C) 9
- D) 12

34- What is a prototype in the context of system development?

- a) A final working version of an information system
- b) An early working version of an information system
- c) A theoretical design document
- d) A testing tool used after system development

35- Which of the following is a key benefit of prototyping?

- a) It provides the final system without revisions
- b) It eliminates the need for user feedback

c) It allows for early testing of system concepts

d) It slows down the development process to ensure accuracy

36- Which of the following is NOT typically examined during prototyping?

a) User interfaces

b) Output

c) Project budget

d) Input

37- What does CASE stand for in the context of system development?

a) Computer Aided Software Engineering

b) Computer Automated System Engineering

c) Customer Application System Engineering

d) Computer Aided System Evaluation

38- Which of the following is a primary use of CASE tools?

a) To assist in hardware development

b) To manage project finances

c) To help systems analysts develop and maintain information systems

d) To design marketing campaigns

39- Which of the following is an example of a popular CASE tool?

a) Adobe Photoshop

b) Microsoft Visio

c) Google Sheets

d) QuickBooks

Final 2022

1- Consists of everything in the physical layer of the information system

A) Hardware

B) Software



- C) People
- D) Procedures

2-..... tests system concepts and provides an opportunity to examine input, output, and user interfaces before final decisions are made.

- A) Modeling
- B) CASE Tools
- C) Prototype**
- D) Low fidelity

3-..... is many times greater. Industry observers predict that sales will increase sharply as more firms seek to improve efficiency and reduce costs.

- A) C2C
- B) B2B**
- C) B2C
- D) None of them

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1- provide direction, necessary resources, and performance feedback to supervisors and team leaders.

- A) Top Managers
- B) Operational
- C) Middle Managers**
- D) Users

2- include users who rely on transaction processing systems to enter and receive data they need to perform their jobs.

- A) Top Managers
- B) Operational**
- C) Middle Managers
- D) Knowledge Workers



3-..... develop long-range plans, called strategic plans, which define the company's overall mission and goals.

- A) Top Managers**
- B) Operational
- C) Middle Managers
- D) Knowledge Workers

4- Top Managers develop long-range plans, called, which define the company's overall mission and goals.

- A) Current plan
- B) Business Model Canvas
- C) Strategic plan**
- D) Routine plan

5- Consists of everything in the physical layer of the information system.

- A) Hardware**
- B) Software
- C) People
- D) Procedures

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