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How system will be implement requirements

Analysis and information SA1 Lecture 1 Ch1 ممالات کا مرتک الد ممالات ممالات Software Development (1 of 3)• Computer application (app) - a computer software program that executes on الهزوب a computing device to carry out a specific set of functions Managment, data Communica. Modest scope Information system - a set of interrelated components that collects, (networking) , people processes, stores, and provides as output the information needed to Tasks des ilins color 3 desi demerts asparox complete business tasks --- processing -> loutput input Broader in scope than "app" esses processing 1 og 6/2 all * Includes database and related manual processes (2 of 3)لتحاويب على Systems analysis – those activities that enable a person to understand and specify what an information system should accomplish What system should Systems design - those activities that enable a person to define and describe in detail the system that solves the need How well system be implant documents o solutions acrosity loss Eller (3 of 3)Understand the need (business need) 2. Capture the vision 3. Define a solution ع ال العلام على بيستويدوا من على العلام العلى 4. Communicate the vision and solution Build the solution Confirm that the solution meets the need (Teshing) 7. Launch the solution system System Development Life Cycle (S D L C) (1 of 3)

زى جائا سارقتى

 The process consisting of all activities required to build, launch, and maintain an information system. <u>Six core processes are</u>:
1. Identify the problem or need and obtain approval
Plan and monitor the project (Project managment)
3. Discover and understand the details of the problem or need (Analysis)
4. Design the system components that solve the problem (Design)
نائن مو مولاع د 5. Build, test, and integrate system components (Testing + Implementation) المان المولاد عن المولاد عن المولد عن المول
unit hest 6. Complete system tests and then deploy the solution (Lounch)
• Project – a planned undertaking that has a beginning and end and that produces some definite result المستحدة عليه المستحدة عل
Requires knowledge of systems analysis and systems design tools and techniques on straints in Time, Budget, Scope 3 of 3) any project System development process or methodology: a set of comprehensive
System development process or methodology: a set of comprehensive guidelines for carrying out all of the activities of each core process of the SDLC Unified process (UP) Extreme programming (XP) Scrum
Most processes/methodologies now use Agile and Iterative development Iterative Development
 Agile development – an information system development process that
emphasizes flexibility to anticipate new requirements during development How to develope software in Therative and incremental way Fast on feet; responsive to change Flexibility a collowing any change Iterative development an approach to system development in which the
system is "grown" piece by piece through multiple iterations