

SYSTEMS ANALYSIS & DESIGN

SYSTEMS DEVELOPMENT LIFE CYCLE

by Roslina Abd Hamid Faculty of Computer Systems & Software Enginering roslina@ump.edu.my



OER Systems Analysis & Design by Roslina Abd Hamid work is under licensed <u>Creative Commons Attribution-</u> <u>NonCommercial-NoDerivatives 4.0 International License</u>.

Chapter Description

Expected Outcomes

- To know the various stages in a system life cycle
- To understand few methodologies available for system development

References

- J.A Hoffer, J.F. George, and J.S. Valacich, "Modern Systems Analysis and Design", 7/E, Addison-Wesley, 2014
- Kenneth E. Kendall, Julie E. Kendall., "Systems Analysis and Design ", Pearson, 2014
- D. Jeya Mala and S. Geeta, "Object Oriented Analysis & Design Using UML", McGrawHill, 2013
- Alan Dennis, Barbara Haley Wixom, David Tegarden, "Systems Analysis and Design With UML : An Object-Oriented Approach ", John Wiley, 2010
- Klaus Pohl, "Requirement Engineering Fundamentals", Santa Barbara, CA : Rocky Nook, 2011





- 1. An iterative process of system development in which requirements are converted to a working system that is continually revised between an analyst and users is
 - a. Prototyping
 - b. Waterfall
 - c. System engineering
 - d. Technical process



OER Systems Analysis & Design by Roslina Abd Hamid work is under licensed <u>Creative Commons Attribution-</u> <u>NonCommercial-NoDerivatives 4.0 International License</u>.



- 2. Discuss other SDLC Approach which are Joint Application Development (JAD) and Extreme Programming.
- 3 What are the advantages of OOAD to systems analysis and design?



OER Systems Analysis & Design by Roslina Abd Hamid work is under licensed <u>Creative Commons Attribution-</u> <u>NonCommercial-NoDerivatives 4.0 International License</u>.