



REQUIREMENTS ANALYSIS AND DESIGN (PHÂN TÍCH VÀ THIẾT KẾ YÊU CẦU)

502050

Chapter 1 Introduction

Outline

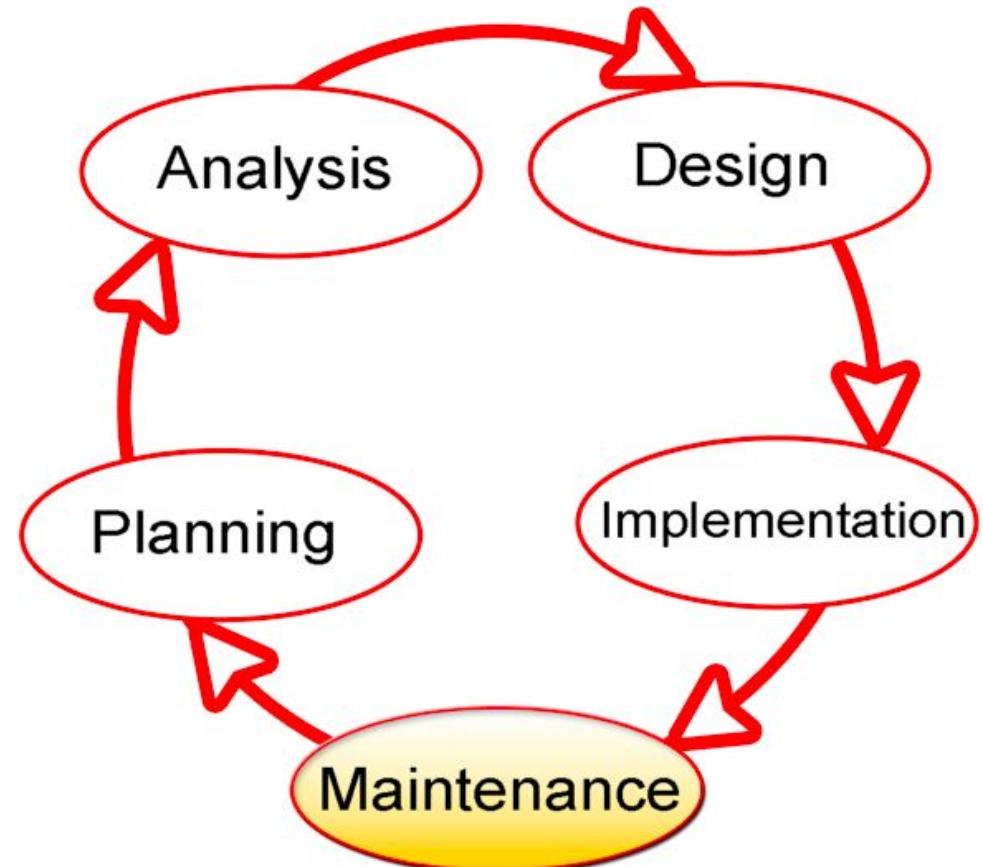
- What is an information system?
- Role of (IT) Business Analyst
- Methodologies, Models, Tools, and Techniques
- Stages in building information systems

What is an information system?



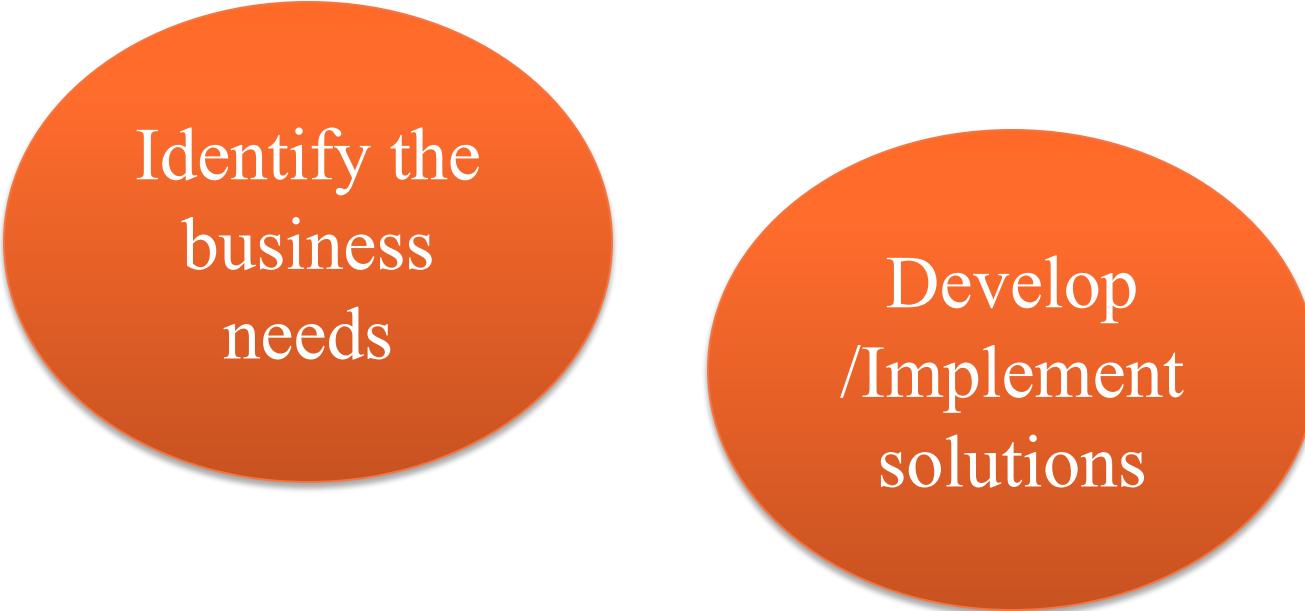
Developing Information Systems

Not just about
programming!



Role of (IT) Business Analyst

Perform Business Analysis



Identify the
business
needs

Develop
/Implement
solutions

Role of (IT) Business Analyst

- Stakeholders

Person or organization
affected by a project

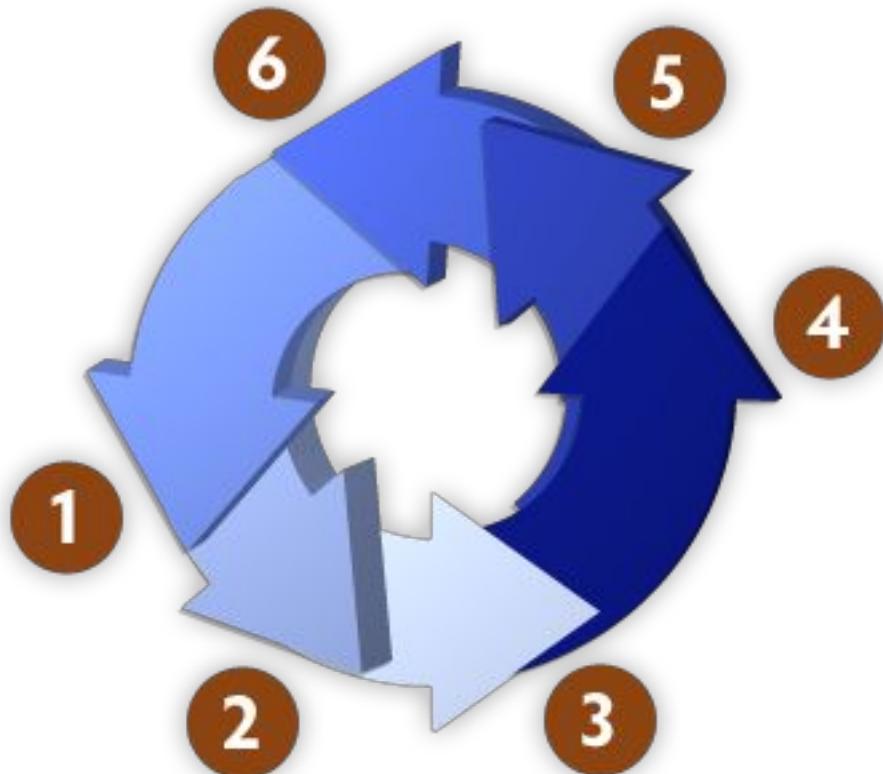
Can be users, customers (who
do not use the system
directly)

Knowledge and skills required of an IT Business Analyst



Methodologies, Models, Tools and Techniques

- Methodology



System Development Methodology:

- Set of guidelines to follow for completing every activity in the development process

Models use in System Development



Unified Modeling Language (UML)

- Standard set of model constructs
- Designed for Object-Oriented development

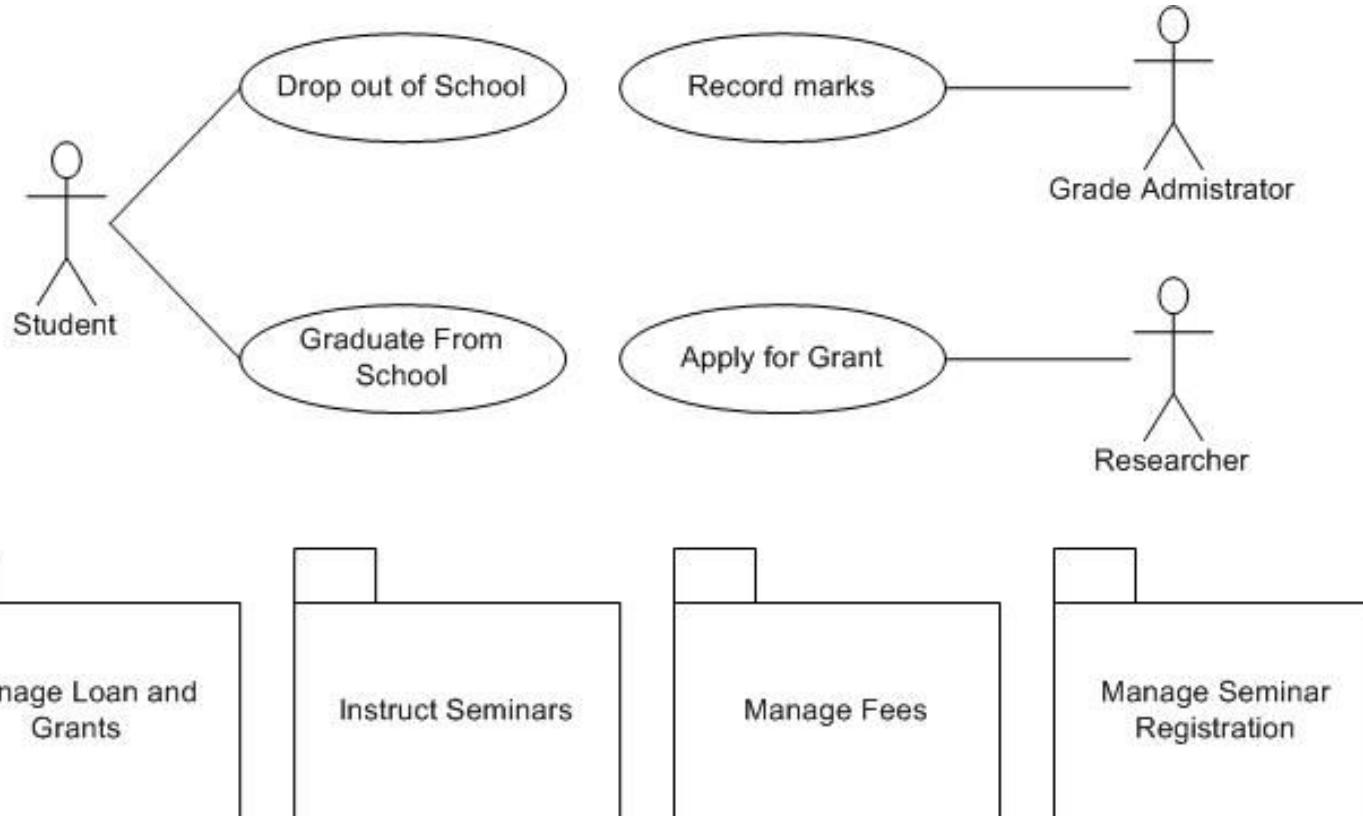
Tools



Integrated
Development
Environment (IDE)



Techniques



Stages in building information systems

- Business Modeling
- Requirements
- Design
- Implementation
- Testing
- Deployment