

Sistem Informasi

::: Pendahuluan :::

::: Konsep Sistem & Bisnis :::



**Asep Wahyudin, M.T.
Ilmu Komputer**

FPMIFA - Universitas Pendidikan Indonesia

Materi Kuliah :

Sistem dan Bisnis.

Memahami bisnis dan bagaimana bisnis tersebut berjalan pada sistem, bagaimana IT memberikan inovasi, Apa saja rintangan/tantangan dalam menjalankan sistem Bagaimana mengerti sistem dari sisi pandang bisnis proses dan bagaimana bisnis proses itu sendiri

1. Pendahuluan tentang bisnis, sistem dan IT
2. Mengerti sistem dari sisi pandang proses bisnis
3. Proses Bisnis

Buku Utama:

•Information System, foundation of e-business, Steven Alter, Prentice Hall, 2002.

Buku Tambahan:

Modern Systems Analysis and Design, Third Edition Jeffrey A. Hoffer et.all., Prentice Hall Inc., 2002.

Essential of System Analysis & Design, Valacich Joseph S., Prentice Hall Inc., 2001.

Modern System Analysis, Edward Yourdon, Prentice Hall Inc., 1989.

Definisi: *Bisnis*

Business

considers the complete environment of a company, i. e. all processes and relationships to suppliers, employees as well as customers

e-Business

is the practice of performing and coordinating critical business processes through the extensive use of computer and communication technologies and computerized data

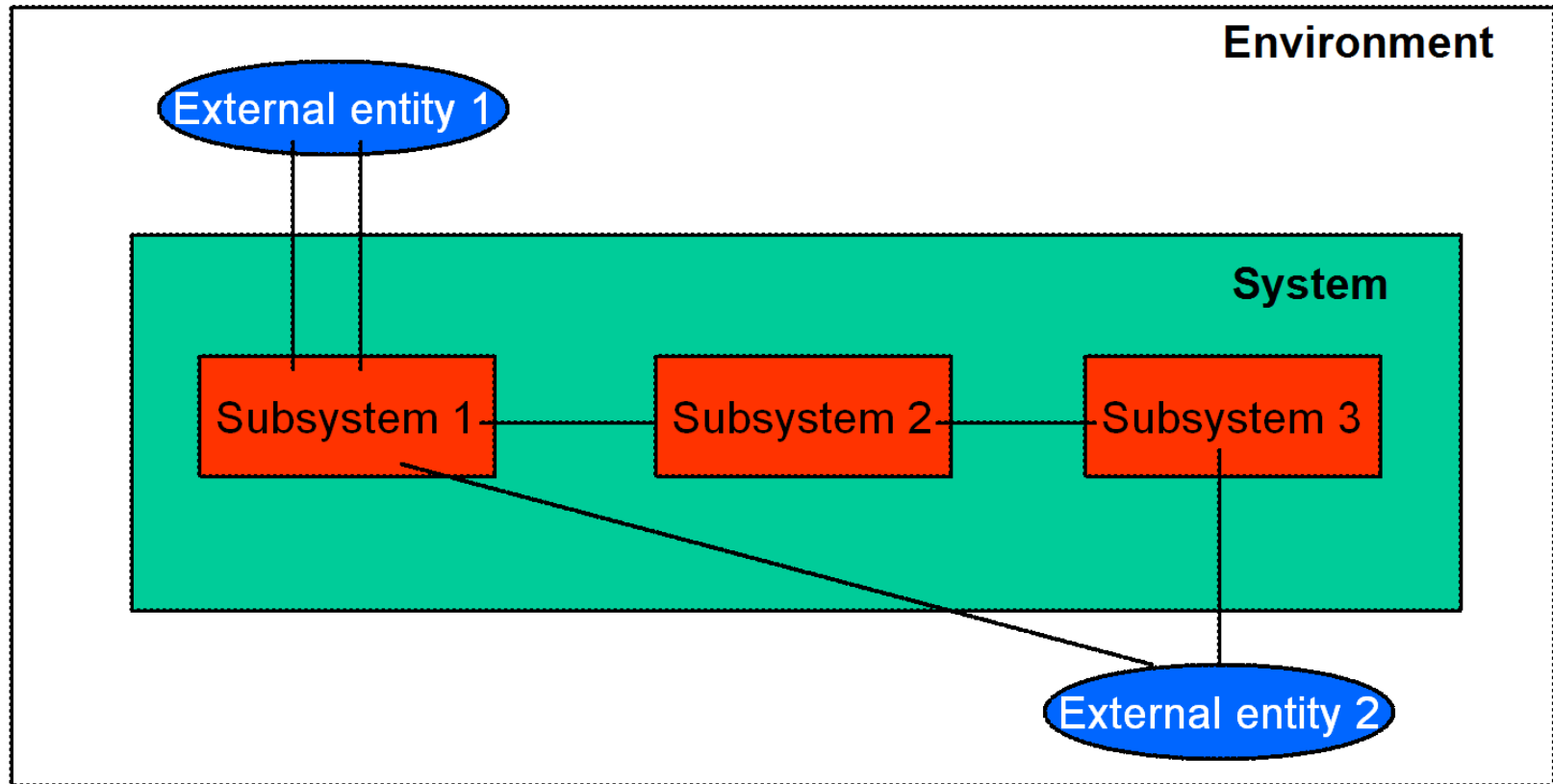
Electronic Business

includes everything having to do with the application of information and communication technologies (ICT) to the conduct of business between organizations or from company to customers”

Mobile Business

could be described as the utilization of mobile technologies to maintain, improve or extend existing business processes and relationships or to develop new business segments

System and Subsystem



Proses Bisnis

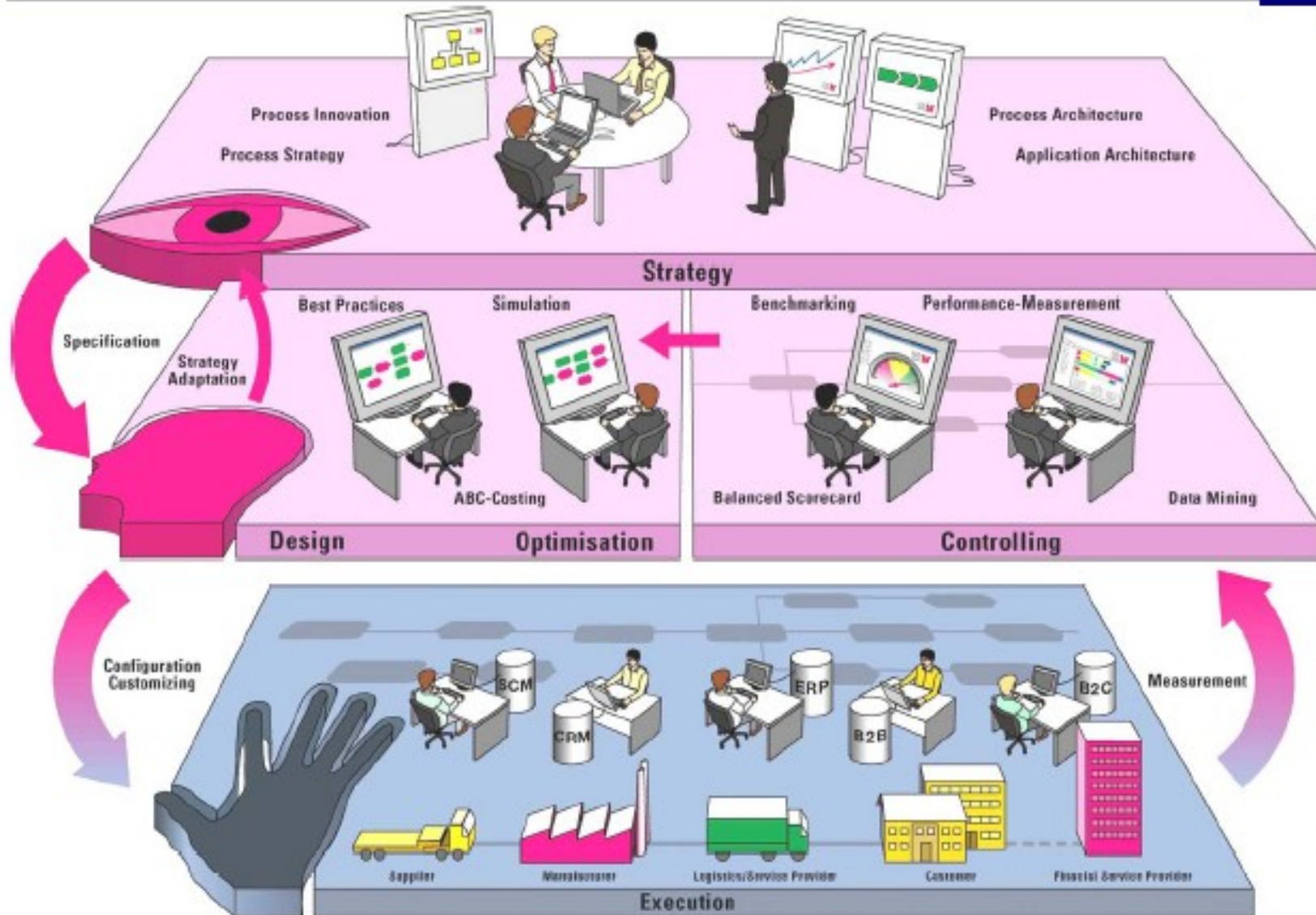
- A business process as a series of tasks or activities to achieve a given purpose or goal, which can be completed either in sequence or in parallel, by people or systems, either inside or outside an organization. [Butler Group]
- The task are pre-defined, and the process can be repeated.
- The sequence of tasks in any process is usually important.

Traditional: *organized around the functional areas of business*

- It provides a focus for work and it promotes professionalism and expertise (+)
- Too much attention to what happens within the functional area(-)
- Little concern for coordinating across the function area(-)

New: *customer-oriented processes*

- Organized around the functional areas of business
- How business perform their work and provide value for customers (the value chain)



Difficulty Building and Modifying IT-Based Systems

Study Standish Group 1990

- + 16.2% IS sukses
- + 52.7% IS terlambat
- + 31.1% IS Gagal

Meta Group Survey 1997

- + 30 % IS gagal
- + 50-80 % IS over budget

A Gartnet Group 'Sept 2000

- + 40 % IT project fail to meet business requirement

