



First week

What is an Information System?

- An Information System:

Collects data, Processes data, Stores data

- Provides useful information
- Purpose: Help people do their jobs better

Three Dimensions of IS

Information Systems consist of:

- Organization, Management, Technology

Organization Dimension

- Includes:
 - People, Business processes, Rules & procedures
 - Example: Enrollment or attendance system

Management Dimension

- Managers use IS to:
 - Make decisions, Monitor performance, Plan ahead
 - Example: Sales or attendance reports

Technology Dimension

- Includes:
 - Hardware, Software, Databases, Networks
 - Technology alone is NOT IS

Putting It Together

- IS works only when:
 - People + Processes + Technology work together

Why IS is Important

- IS helps businesses:
 - Work faster, Reduce errors, Improve decisions, Stay competitive

Complementary Assets

- Success requires:
 - Trained people, New processes, Good management, Not just buying technology

Real-Life Analogy

- IS is like a motorcycle:
 - Technology = Motorcycle
 - People = Driver
 - Process = Traffic rules