

chap2

tools

StarUML
project

考试：

选择
问答（概念）
绘图
计算

The Components of information System

- 1.系统利益相关者的分类
- 2.区分前端和后端（考试）
- 3.views（了解）

stakeholders

Identify different types of stakeholders who use or develop information systems, and give examples of each.

System owners

sponsor and executive advocate
responsible for funding the project of developing, operating, and maintaining the information system.

System users

use or is affected by an information system on a regular basis – capturing, validating, entering, responding to, storing, and exchanging data and information.

- Internal System Users
- External System Users

System designer

translates system users' business requirements and constraints into technical solution. She or he **designs** the computer databases, inputs, outputs, screens, networks, and software

第2章

工具

StarUML的
项目

考试：

选择
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信息系统的组成部分

1. 系统利益相关者的分类
2. 区分前端和后端（考试）
3. views（了解）

利害关系人

确定使用或开发信息系统的不同类型的利益相关者，并举例说明。

系统所有者

发起人和执行倡导者，负责为开发、运营和维护信息系统的项目提供资金。

系统用户

定期使用信息系统或受其影响 — 捕获、验证、输入、响应、存储和交换数据和信息。-- 内部系统用户 -- 外部系统用户

系统设计人员

将系统用户的业务需求和约束转化为技术解决方案。她或他设计计算机数据库、输入、输出、屏幕、网络和软件

that will meet the system users' requirements.

System builders

constructs information systems and components based on the design specifications generated by the system designers.

Systems analyst

studies the **problems** and needs of an organization to determine how people, data, processes, and information technology can best accomplish improvements for the business.

Problems

Opportunities

Directives 指令

Front- and Back-Office

Differentiate between front- and back-office information systems.

Front-office

Front-office information systems support business functions that extend out to the organization's **customers** (or constituents 委托人).

Marketing

Sales

Customer management

Back-office

Back-office information systems support internal business operations of an organization, as well as reach out to **suppliers** (of materials, equipment, supplies, and services).

Human resources

Financial management

Manufacturing

Inventory control

Building blocks

Describe building blocks of the information system.

KNOWLEDGE

PROCESS

COMMUNICATIONS

Knowledge

以及满足系统用户要求的软件。

系统组装商

根据系统设计人员生成的设计规范构建信息系统和组件。

系统分析员

研究组织的问题和需求，以确定人员、数据、流程和信息技术如何最好地实现业务改进。Problems Opportunities Directives 指令

前台和后台

区分前台和后台信息系统。

前台

前台信息系统支持扩展到组织客户（或成员委托人）的业务功能。市场营销 销售 客户管理

后台

后台信息系统支持组织的内部业务运营，并联系供应商（材料、设备、用品和服务）。人力资源 财务管理 制造 库存控制

积木

描述信息系统的构建块。知识流程沟通

知识

the material used to create useful information.
database

Process

the activities (including management) that carry out the mission of the business.
software

Communication

how the system interfaces with its users and other information systems.
interface

用于创建有用信息的材料。数据库

过程

执行企业使命的活动（包括管理）。软件

通信

系统如何与其用户和其他信息系统交互。接口