

Free Talk About ERP



Question

- What is your next??



Career Path for IT



IT Engineer

- Software
- Hardware

Others

- Teachers
- ...

Hardware IT Engineer

- Hardware
 - Computer
 - Server
 - Network
 -



Software IT Engineer

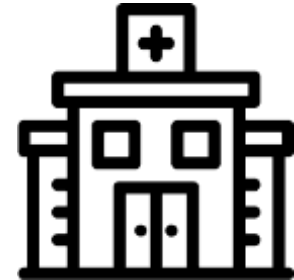
- Requirement collection
- System analysis
- System design
- System Development
- System testing
- DBA
- Trouble shooting
- ...



Type of Company

- Business

- Manufacture
- Government
- School
- Hospital
- ...



- Information Provider

- Software
- Hardware



vs.

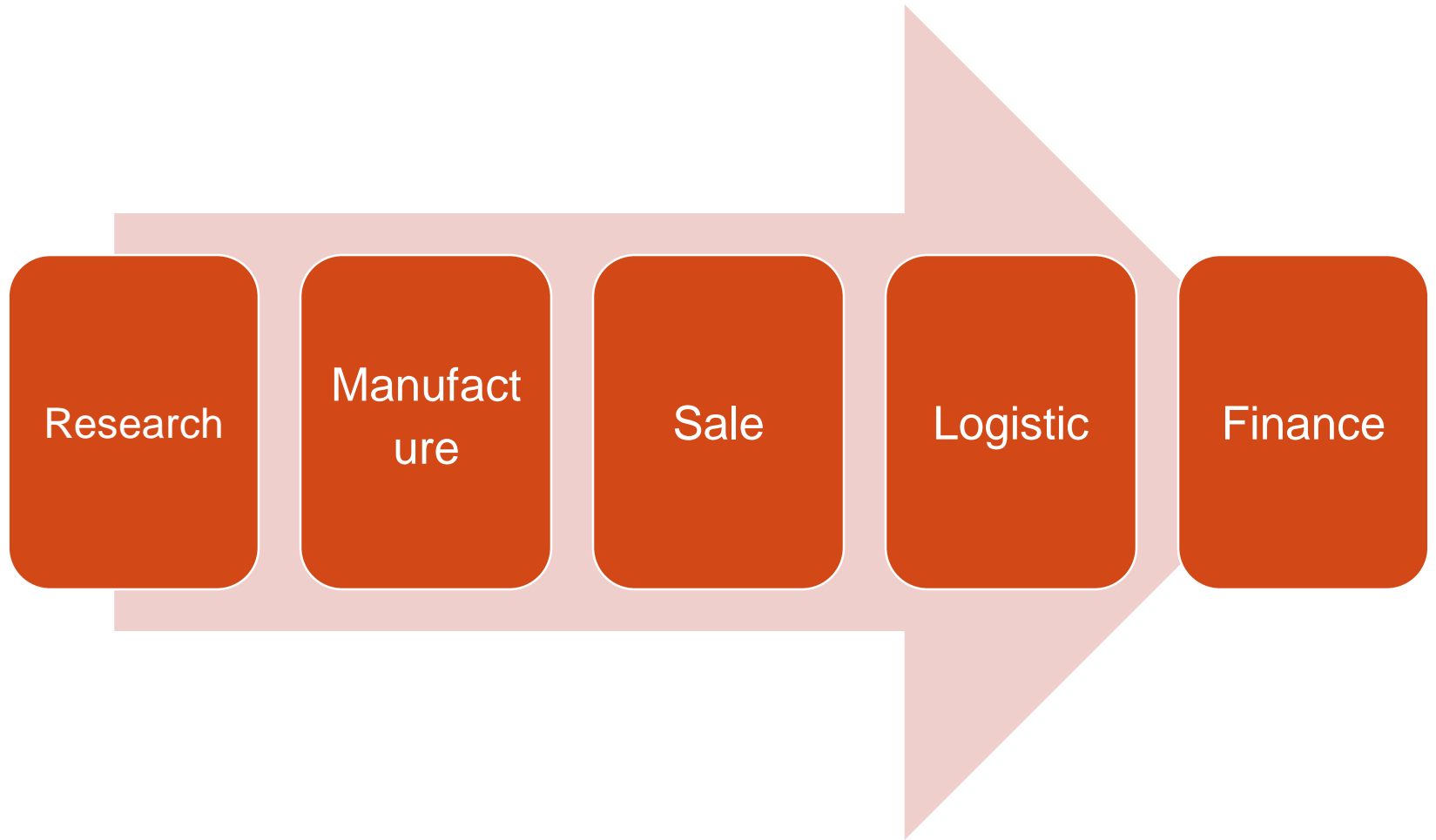


Different Role of IT in Company

- Information Provider
 - Profit center
- Business
 - Cost center



Business Activity



Business Activity--Research

- Research
 - Observe business trend
 - New product development
 - Trial run
 - Product life cycle management
 - ...



Business Activity--Manufacture

- Purchase
 - Requisition
 - Supplier management
 - Purchase order
- Inventory management
 - Material
 - Product
 - Semi-Product
- Manufacture management
 - Work Order
 - Product Process



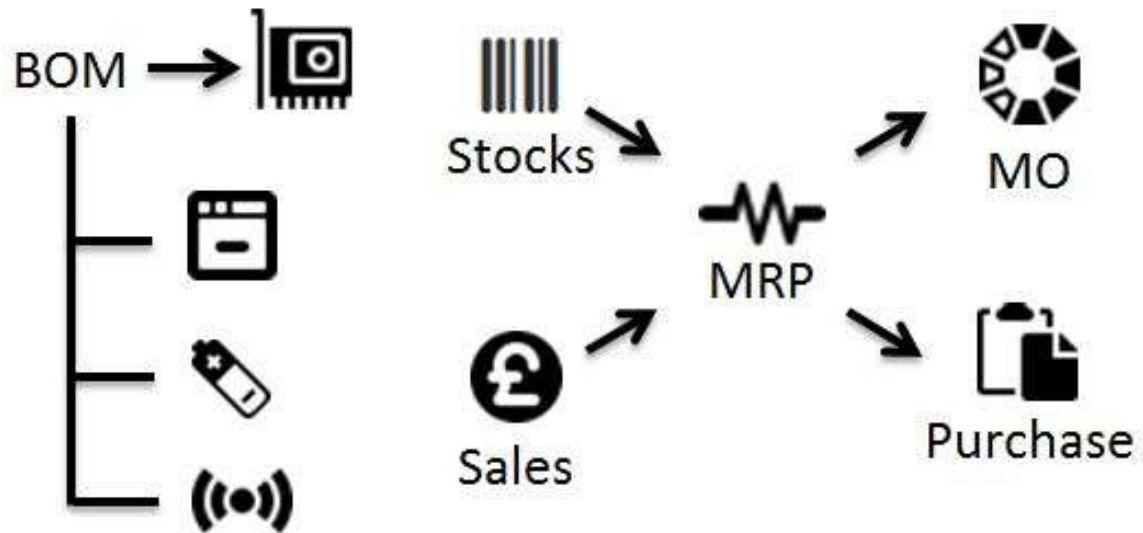
Business Activity--Sales

- Sales
 - Quotation
 - Customer management
 - Sale order
 - Delivery
 - ...



Business Activity--Logistic

- Logistic
 - MPS
 - MRP
 -



Business Activity--Finance

- Purchase
 - Account Payable
- Sales
 - Account Receivable
- Manufacture management
 - Fix asset management
 - Inventory management
- Finance Report



Business Activity & IT

Research

- PLM

Manufacture

- Manufacture Management System

Sale

- Sale Management System

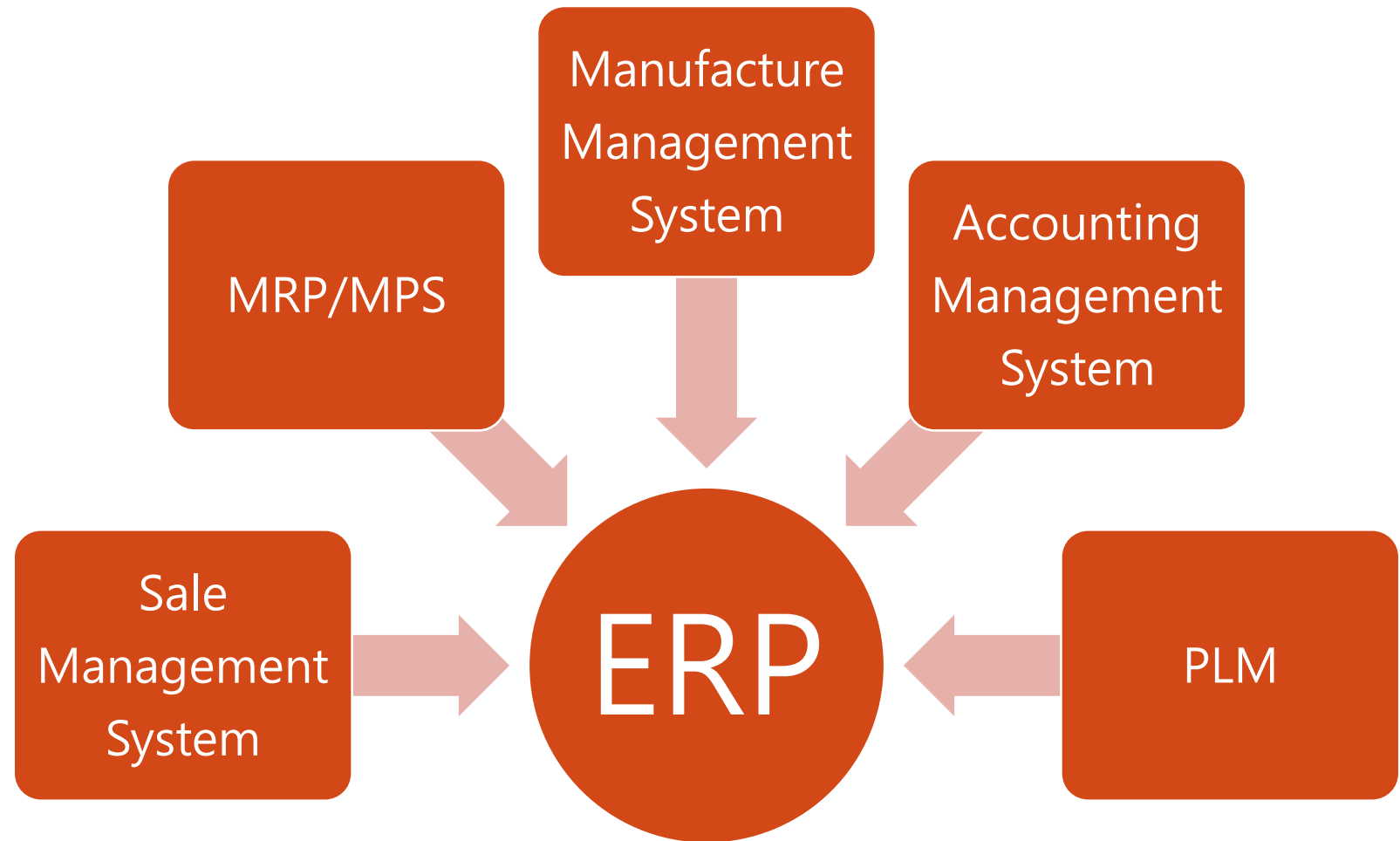
Logistic

- MRP/MPS

Finance

- Accounting Management System

Integration of Business Information



The Definition of ERP

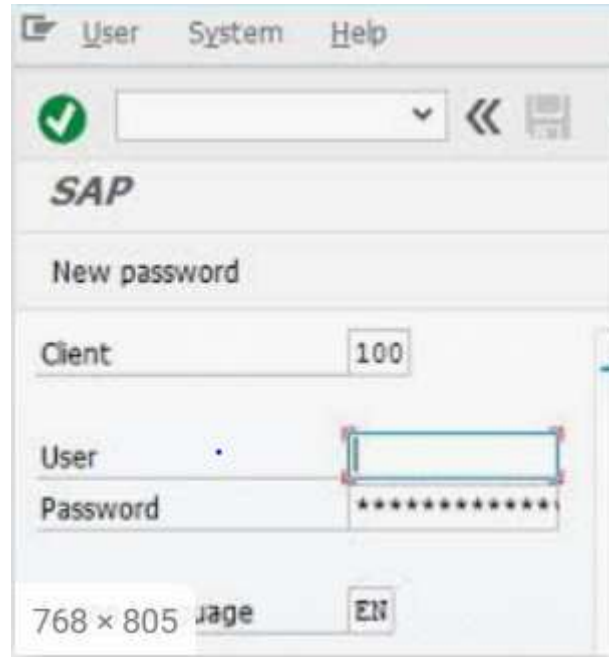
- Enterprise Resource Planning
- 一個會計導向的資訊系統用來確認和規畫為了接受、製造、運送和結算客戶訂單所需的整個企業的資源
 - 圖形使用者介面 (GUI)
 - 關聯式資料庫
 - 使用第四代語言
 - 在開發上使用電腦補助的軟體
 - 主從 (client/server) 架構
 - 和開放式系統 (open system)
 - 集中化(Centralize)

The Source of ERP

	Customized	Package
Advantage	<ul style="list-style-type: none">● Fulfill company business process● Easy to be modified● No license issue● Low cost	<ul style="list-style-type: none">● Global System Architecture● Less development Time● Complete Outside Support● Easy to be upgrade● Language Support
Weakness	<ul style="list-style-type: none">● Architecture lack extensibility● Incorrect development direction● Lack of outside support	<ul style="list-style-type: none">● Change business flow to fulfill system● Expensive license fee● Not all function is necessary for company

The Package of ERP

- SAP
- Oracle EBS
- Tip Top
- ...



The Comparison of ERP Package

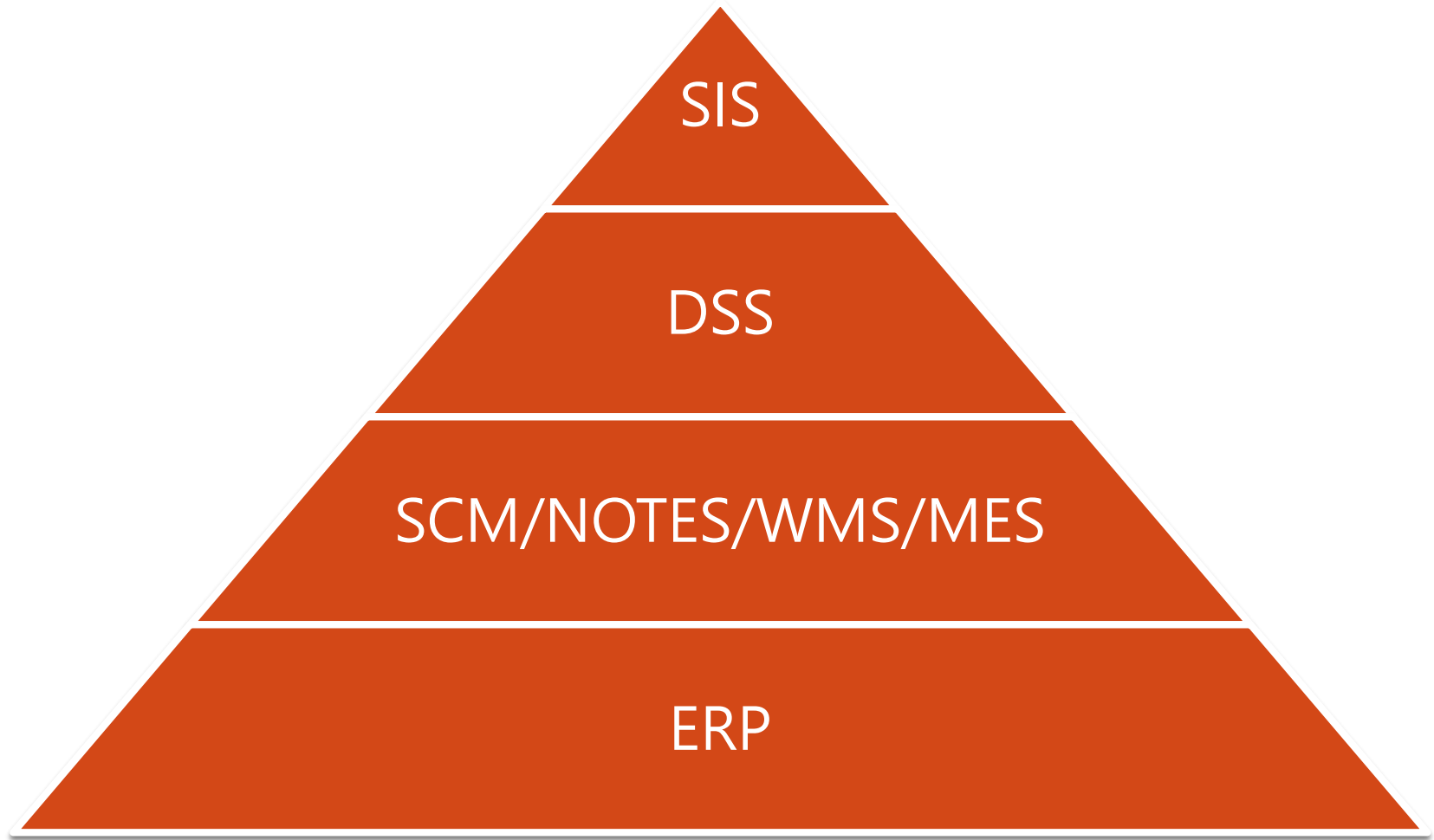
	SAP	Oracle EBS
DB Design	<ul style="list-style-type: none">● Logical● Physical	<ul style="list-style-type: none">● Physical
Record Update	<ul style="list-style-type: none">● Records are not allowed to be updated directly from DB	<ul style="list-style-type: none">● Records are allowed to be updated directly from DB



VS.



The Role of ERP in Company



The IT Responsibility of Customized ERP

- User Process interview
- System architecture design
- DB Design
- Process Design
- System Development
- User training
- Trouble shooting



The IT Responsibility of Package ERP

- User Process Interview
- System Mapping
- Customized System Development
- Trouble shooting



The Job Opportunity for IT

	Information Provider	Business
Hardware	<ul style="list-style-type: none">● Consultant<ul style="list-style-type: none">✓ Machines✓ Network✓ Backup✓ OS	<ul style="list-style-type: none">● Administrator<ul style="list-style-type: none">✓ Machines✓ Network✓ Backup✓ OS
Software	<ul style="list-style-type: none">● Consultant<ul style="list-style-type: none">✓ System Operation✓ Experience✓ Customized● Add In Service	<ul style="list-style-type: none">● Internal Consultant<ul style="list-style-type: none">✓ The Interface between outside consultant and user✓ Trouble shooting

Q & A

