

ERP

ERP

(Functionality)

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NCR

NCR

IBM 4341 Main frame

System Life Time (Months)	Programming Language	Database	Operating System	System title	Item
0	VB 6.0	SQL	Windows 2000/98	Maintenance	1
114	Visual FoxPro	Visual FoxPro	Windows 2000/98	Personnel	2
186	Pascal	——	Novell	Payroll	3
186	Pascal	——	Novell	Finance	4
78	Developer 2000	Oracle	Windows 2000/98	Healthcare	5
54	Vbscript ASP JavaScript	SQL server	Windows 2000/98	Training	6
43	Developer 2000	Oracle	Windows 2000/98	Asset	7
60	Developer 2000	Oracle	Windows 2000/98	Technical Documents	8
186	Developer 2000	Oracle	Windows 2000/98	Inventory Management Logistic &	9
60	Vbscript ASP JavaScript	SQL 2000	Windows 2000/98	production Statistics	10
40	JavaScript ASP	SQL 2000	Windows 2000/98	Laboratory	11
14	Developer 2000	Oracle	Windows 2000/98	Housing	12
12	Developer 2000	Oracle	Windows 2000/98	Fuel	13

(PROTOTYPING)

() Bottom-1up

MIS

MIS

(MIS)

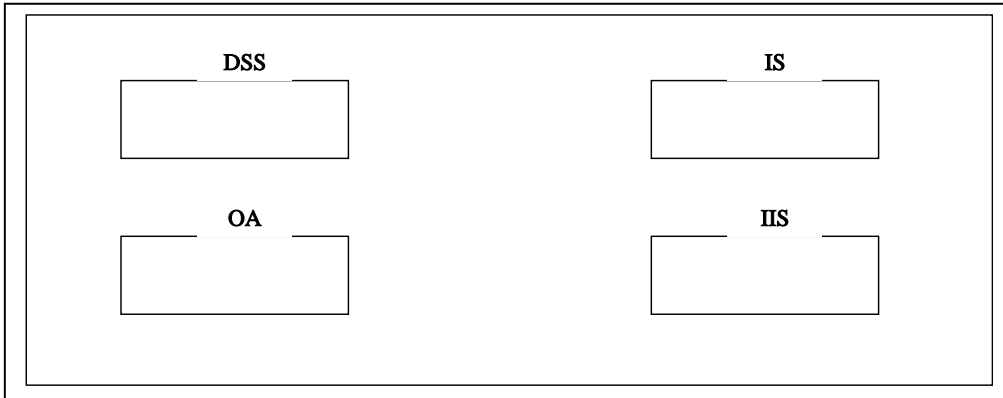
MIS"

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MIS

MIS

MIS



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MIS

(IS: Information systems)

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(DSS: Decision support system)

IIS: Internet & interanet systems

(OA: Office Automation)

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OA

MIS

ERP

MIS

ERP.

ERP

ERP

ERP

ERP

(Work Flow)

(Functionality)

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(Business)

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What if ?

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Business

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(Bottom-Up)

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() Master Data

Batch

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() Top-down

(Functionality)

(Business)

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Rational Unified Process RUP

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Unified Modeling Language UML

(Entities)

() Enterprise

(Enterprise resource planning) ERP

ERP

ERP

(User : (International data corporation) IDC ERP
" ERP"
interface)

ERP

ERP

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(dark factory)

(ERP II)

ERP

(Virtual Reality) :

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" Ultimate display"

Ivan sutherland

1965

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1994

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WEB

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(Process Owner)

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(B2C)

(B2B)

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(Finite Element Analysis) FEA

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ERP

ERP

SRM (Customer Relationship Management)

CRM

(Suppliers Relationship Management)

SRM

B2C

CRM

(ERP/II) ERP

B2B

ERP

ERP

ERP

ERP

ERP

ERP

(Work flows)

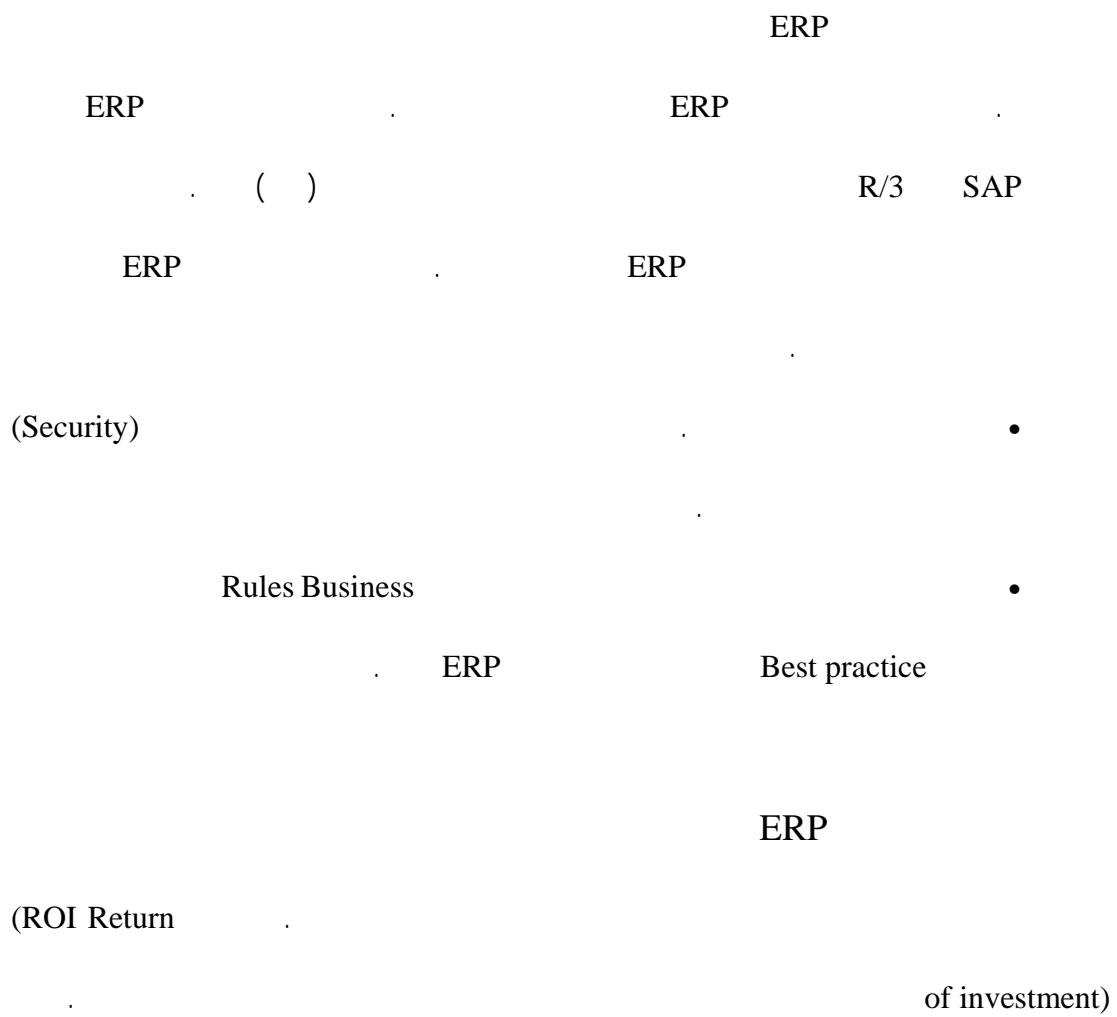
Business Rules

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Customization

Platform



ERP

ERP

ERP

ERP

ERP

BPI

What-If

.e?Business e-Commerce

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ERP

ERP

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ERP

Customization

ERP

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ERP

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3-What is real about virtual reality, Feredrik P.Brooks , Jr, University of North Carolina at Chapel Hill

4-What is a Virtual team?, Institute of work psychology (IWP)

5-Virtual manufacturing, Frank pema,Jr, CEO of MSC.software

6-Performance management in a fourth wave society, Robert E.Debold , Jr, The center of fourth wave concepts

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