

Index

Symbols

311 116, 119, 122-123

A

accounting tasks 55, 57-58, 60, 66, 68, 70, 72
 ACID (Atomicity, Consistency, Isolation, and Durability) properties 102-103, 105, 107-110
 Afghanistan Telecommunications and Internet Policy (ATIP) 132, 138
 Aishvaryas 75-76, 85
 asymptotic consistency 105
 Atoll Chief 131
 atomicity property 103-105, 107, 110
 Australian Department of Defence 40-41, 44-47, 50

B

Bangladesh Computer Council (BCC) 132, 141
 Bhutan ICT Policy and Strategies (BIPS) 133
 Block Development Officer (BDO) 130
 business process change 3, 21-22
 Business Process Reengineering (BPR) 1-4, 7-11, 13, 18-22, 31, 34, 161
 business standardization 56

C

CAO 116
 Center for Information Technology (CIT) 64, 133
 centralization 55-57, 64-66, 69-70, 72, 112-115, 124
 Certificate Authority (CA) 54, 71, 109, 156, 166
 change driver 58-59, 67
 CINTEC 134
 Citizen Service Centers (CSC) 90-92, 94-96, 99
 city corporation status 130
 cognitivism 78
 comparative business unit performance 49-50

compensatable subtransaction 104, 106, 108
 Conceptual Model Studies 4, 7, 10
 Confirmatory Factor Analysis (CFA) 28, 34, 37
 connectivism 75
 consistency property 105
 consistency rules 105
 Controller of Certifying Authorities (CCA) 166
 countermeasures 103, 105-107
 countermeasure transaction model 103-105
 Cour des Comptes 61
 Critical Ratio (CR) 95, 100
 Critical Success Factors (CSF) 10, 27, 35-36, 53, 70-71, 112, 121, 167
 CRM adoption 111, 113-116, 118-119, 121
 CRM technology 111-115, 118-121
 Customer Relationship Management (CRM) 38, 107, 111-124, 163
 Customer Relationship Management Systems 38

D

database attributes 46
 Database Management System (DBMS) 103, 105, 107, 110
 Deeply Deluded Egocentric Individuals 76
 departmental control 114-117, 119-120, 124
 Department of Construction and Information Technologies (DCTI) 61-66
 Department of Electronics (DoE) 133, 142
 Department of Finance (DF) 60, 62, 64-65, 97
 didactic approach 73-75, 78-79, 82-84, 87-89
 didactic architecture 74, 88
 Digital Signature Certificate (DSC) 166
 Directorate General for Economic and Financial Affairs (DGEF) 64
 dirty read anomaly 106, 108
 distributed modular ERP system 102-103, 107
 District Development committee (DDC) 131
 Division of Information Technology (DIT) 142

Index

durability property 103, 107

E

e-commerce web sites 144-145

e-designing 75

e-DISHA 91-92, 96, 99

e-governance 88, 91-92, 112, 125-127, 129-130, 132-141, 144, 154-155, 158-170

e-governance framework 126-127, 138, 141

e-governance services 160

e-government 1-2, 5, 8-11, 15, 18-22, 40-42, 44-45, 52-53, 71, 74, 90-96, 98-100, 102-103, 107-108, 111, 113-116, 118-124, 126-129, 131, 134-141, 143-146, 148, 151, 153-156, 162, 168-170

e-government agencies 40-42, 44, 52

E-Government Citizen Centric Framework 90

e-government scholars 113

e-learning 74, 83, 88-89, 132, 144, 153

e-learning 2.0 83, 88-89

Employee Morality Score (EmMS) 85

employee resistance and obstruction 56

Enterprise Applications 38

enterprise approach 113-121, 124

Enterprise Morality Score (EMS) 85-86

Enterprise Resource Planning (ERP) 1-3, 15, 17, 25-38, 40-76, 78-84, 86-87, 89, 102-103, 107-112, 121-123, 143-144, 146, 155, 158-164, 167-170

Enterprise Systems (ES) 37-38, 52, 57, 70, 112

e-participation technologies 114

e-procurement 40-41, 43-51, 53-54

e-readiness 129, 141

e-readiness ranking 141

ERP database 45-46

ERP III 73, 76, 78, 80-84, 86-87, 89

ERP implementation 25-32, 34-38, 42-43, 52-53, 55-57, 59-62, 64-66, 70-71, 162, 168, 170

ERP modules 32, 102-103, 108, 109

ERP software 30-37, 112, 160

ERP system 2, 15, 17, 26-28, 31, 33, 37-38, 41-43, 55-60, 63, 67-72, 74, 102-103, 107-108, 112, 121, 123, 143-144, 159, 161-162

ERP vendor systems 42-43

e-voting 162

F

factor analysis 28, 34, 37, 94, 96

Federal Trade Commission (FTC) 116

Financial Shared Service Center 67

Financial Shared Services 57, 62, 67, 70, 72

fixed phone 129

flat file 45-47

Full Time Equivalent (FTE) 117

Functional-Based Organization 11, 15, 22

fuzzy read 106

G

Gartner Group 74

Geographic Information Systems (GIS) 116, 163

global durability property 103, 107

global transaction 103-105, 107

government business processes 8-9, 16

Government Process Reengineering (GPR) 1-18, 22-23

Government to Citizen (G2C) relationship 99, 128, 141, 160, 162

GPR Methodology Studies 4, 7, 9

GPR outcome 9, 11-13, 22

GPR theoretical framework 4, 12, 13, 18

Grand Conseil 61

grass roots e-governance 126-127, 133, 136

grass roots governance 126, 136

H

Haryana State 90

horizontal integration 8, 160

I

ICT Development Index 41, 53

Ideal Morality Score (IMS) 85

Information and Communication Technology Agency (ICTA) 134

information security infrastructure 163, 165, 167

Information Security Management Systems (ISMS) 165

Information Security Threats 158, 163

Inhibited Intellectuality 76-77

insourcing policies 49

integration of business processes 56

interfunctional collaboration 58

Internal Control System (ICS) 70

International Public Sector Accounting Standards (IPSAS) 55, 67

interpretivism 60

Inventory Manufacturing Requirement Planning 75

ISO 27001 165

isolation anomalies 105, 107, 110

isolation properties 103, 105, 110

ITU 41, 53, 127-129

K

knowledge centres 128

L

Likert scale 28, 94
 long duration locks 105-106
 longitudinal action research 40, 51
 lost update anomaly 105-106

M

management accounting practices 56
 management performance criteria 45
 materialistic propagation 78
 Meta Group 42, 52
 Ministry of Communications (MoC) 132-133, 138
 Ministry of Communications, Science, and Technology (MCST) 133
 morality score 84-86, 89
 multidatabase 103, 109

N

National Computer Policy (COMPOL) 134, 142
 National Council of Applied Economic Research (NCEAR) 149, 157
 National e-Governance Programme (NeGP) 91
 National ICT Council of Afghanistan (NICTCA) 132
 National Information Technology Center (NITC) 142
 Natural Resources, Energy, and Science Authority of Sri Lanka (NARESA) 134
 New Agent of Information - District Level Integrated E-Government Services of Haryana for All (NAI-DISHA) 91
 New Public Management (NPM) 111, 113-115, 117-124
 Normative GPR Studies 4, 6-7, 13, 15-17

O

OECD 145
 One Stop Government (OSG) 10, 23
 openness 145, 147

P

panoptican transparency 47
 parent transaction 103
 perceived ease of use 36-37, 145

pessimistic stock values 106
 pessimistic view countermeasure 106, 108
 phantom anomaly 106
 phased implementation 26
 pivot subtransaction 104-107
 post-ERP depression 43
 Pouvoir Judiciaire 61
 Principle Component Analysis (PCA) 29
 Process-Based Organization 23
 Project Phase Model (PPM) 27
 Promulgation of Electronic Transactions Ordinance 134
 public administration 3, 15, 20, 55-56, 59-61, 63, 66, 69-72, 111-112, 114-115, 121-123, 138-139, 156, 168-169
 public key cryptography 166
 Public Key Infrastructure (PKI) 165-167, 170
 public organization 2, 8-13, 19, 21, 55, 57, 59, 70, 123, 162
 public sector 2-4, 7-11, 13, 15-16, 18-22, 43-44, 55-56, 59, 70-71, 112, 114-115, 121-122, 124, 149, 154, 158-160, 162, 167-169
 public sector agencies 115

Q

quality measurement matrix 84

R

Rapid Application Development (RAD) 26
 Registration Authority (RA) 166
 relational database 45-46
 relaxed ACID properties 102-103, 105, 107-108, 110
 relaxed consistency property 105
 relaxed durability property 107
 reread countermeasure 106, 108
 retrievable subtransaction 104, 108
 rigor and quality 5-6, 12-13, 18
 root transaction 103, 105
 Rotated Component Matrix 29
 rural information centers 128

S

Seamless Integration 23, 112
 Service Oriented Architecture (SOA) 107, 110
 service quality 90-92, 94-97, 99-100, 144, 156, 170
 SERVPERF 92, 100
 SERVQUAL 92, 99-100
 shared services 57, 62, 70, 72

Index

short duration locks 105, 107
Simple Moral Accountable Responsive and Transparent (SMART) 159
Situational Speciousness 76
social responsibility 74, 80, 86, 88-89
South Asian Association for Regional Cooperation (SAARC) 125-130, 135-136
SPSS 94
standardization 31, 35, 44, 55-58, 63, 67, 69-70, 72
steganography 167
steganology 165, 167, 170
strategic industry policy 50
Strengths, Weaknesses, Opportunities, and Threats (SWOT) 31, 35
subtransaction 103-106, 108
Supply Chain Management Systems 38
system integration 102, 110
Systems Development Lifecycle (SDLC) 26, 38-39
Systems Implementation 26, 36, 38-39, 71, 123

T

Technology Adoption 35, 39, 113, 119
tele-centres 128
tele-density 91, 127
Textual Inconsistency 77
Third Generation Enterprise Resource Planning Systems (3gERP) 110

town committees 131
transaction abort 110
transaction compensation 110

U

Unified Process Model 26, 28, 39
Union Council 131
United Nations Department of Economic and Social Affairs (UNDESA) 135
Update Propagations (UPs) 104, 109
US Government Accountability Office (GAO) 164, 169

V

vertical integration 8, 160
Village Development Committee (VDC) 131
Vision 2020 133

W

website quality 149, 152

Z

Zip Codes and Industry Codes (ANZIC) 45-46