Index

A

a priori 249
adopton of technology 295
advanced cultures 100
appropriate administrative technology 73
assembling 65

B

banking system 298
basic design 63
BOOT (Build-Own-Operate-Transfer) 63
broadcasting infrastructure 33
Business process 298

C

capital 248
capital management 253
cataloging 80
centralized planning 71
change leader 137, 147
chief architect 137, 147
chief operating strategist 138, 148
client-server platform 56
clients commodities 248
clients goods 248
couch 138, 147
corporate culture 231
Cross-Cultural Work Environment 231
cultural anthropology 97
cultural factors 300
cultural influence 97
cultural influence modeling 92, 97
culturation scale 107
culture-specific beliefs (CB) 98
documented variables 3, 5
corporate culture 231
Cross-Cultural Work Environment 231
cultural anthropology 97
cultural factors 300
cultural influence 97
cultural influence modeling 92, 97
culturation scale 107
culture-specific beliefs (CB) 98

D

data access 80
data acquisition policies 82
data acquisition strategies 80
data collection 70
data formats 80
data gathering 107
data inventory 73
data management 80
data mining technology 60
data Structures 272
DC (Data Collection) 274
decision making 70
decision support system 73
decisional role 137, 143
Delphi application 325
Delphi Technique 319, 321
dependent variables 3, 7
design team 278
detailing 63
developing countries 70
Digital Thinking 58
discrimination 228
documentation analysis 280
domain expert 306
dynamic environment 213
dynamic of innovation 214
Dysfunctional Development Pathways 186

**E**
economic development 25
economic growth 28
economical importance 248
EDMS - electronic document management system 58
embedded cultural beliefs 104
emerging society 157
employment history 273
endogenous factors 3, 9
Enterprise Intelligence 244, 247
environmental capital 250
equipment deployment 286
equipment supply 65
ESSS Architecture 305
exogenous factors 3, 9
expert system 60, 304
Expert System to Software Package Selection (ESSS) 304
exploitation of information technology 299
external factors 213
external implications 216
external professional help 214
external structure 248

**F**
financial support 266
firm strategies 4
funding constraints 300

**G**
gathering information 279
geographic distribution 71
geographic information systems (GIS) 70
germinal phase 198
GIS Adoption 73
GIS Management 83
global economy 222
global positioning systems (GPS) 80
globalisation 197
Government Education Policies 17
Government Support Role 268
groupware technologies 58
growth stage model (GSM) 187

**H**
Haa 142
Hab 142
Hba 142
Hbb 142
Hca 142
Hcb 142
Hegemony Phase 198
high context cultures 191
human capital 248
human resource talents 299
human thinking 60

**I**
implementation 70
Incipient phase 198
incubator programs 267
infant survival 34
inference engine 305
Information and Communication Technology (ICT) 186, 187
information gathering 280
information infrastructure 37
Information Infrastructure Index (II-Index) 33
information integration 24
information system development methodology 319
information systems (IS) 71, 135, 136, 204, 321
Information Systems Leadership Roles 135
information technologies (IT) 1, 23, 52, 92, 94, 136, 204, 222, 276, 294, 295, 321
Information Technology Managers 135
information technology transfer (ITT) 92
informational role 136, 143
innovation environment 77
intangible goods 248
intellectual capital 251
intelligent machine 60
internal factors 211
internal implications 215
internal organizational politics 279
internal structure 248
interpersonal role 137, 143
intranet-based infrastructure 56
IS Development Methodologies 319, 323
IS Leadership Roles 150
IS managers 135
IT development 157, 167, 168
IT industry 1
IT labor force 221
IT use ideas 167
IT/IS-Based Innovation 204
ITT/System Outcomes 99

K
Knowledge 244
Knowledge acquisition 307
Knowledge base design 307
Knowledge base validation 308
Knowledge capitals 249
Knowledge economy 1, 244
Knowledge links 53
Knowledge management 294
Knowledge Management Models 248
Knowledge refinement 307
Knowledge representation 307
Knowledge-based computer system 60

L
lead indicators 73
Leadership Roles 142
least developed countries (LDCs) 23, 71
LInear Structural RELations modeling (LISREL) 109
local champions 211
localisation 191
long range planning 102
low context cultures 192

M
management 65, 70
manpower 287
market economy 299
market quality indicator (MQI) 309
market research 266
market-determined maturity (quality) levels 317
methodology 165
monolithic IT culture 231
Motorola Report 196

N
National Culture Tests 114
national information infrastructures (NII) 23
National IT Development (DEV) 92, 99
National Research Council 84
nation’s resources 71
Nested Model Analysis 110
newspaper circulation 33
newsprint infrastructure 33

O
office and management systems 186
organisational characteristics 141
organizational capital 248
organizational innovation 206
organizational paradigm 319
organizational politics 78

P
participant observation 224
personal computer (PC) 306
physical data 75
piracy rate 265
political data 76
political reform 213, 270
position characteristics 140
positional information 77
Post-capitalism Society 245
Preliminary Model Analysis 110
problem owner 162
Problems of Universality 193
Process Tree 283
product developer 137, 147
production factor 247
Production Macro-Process 63
Proposed Market Quality Indicator (MQI) Levels 313
public dissatisfaction 213

Q
quality initiatives 313
quantitative parameters 282
quasi-firm 53
Questionnaire Instrument Validation 108
questionnaires 280

R
radio density 33
Rainbow nation 175
Reach Technologies 55
relational business ecosystem 52, 54
relationship capital 252
reliability 108
research methodology 209
rival hypotheses 102

S
salary calculation system 270
salary constituents 271
sampling 105
SCA (Salary Constituent Archive) 272
Scandinavian Projects 160
SCC (Salary Constituent Calculation) 274
Scenario Creation Technique 104
school education 17
semi-structured interviews 224
shared benefits 85
shared commitment 84
shared control 85
shared responsibilities 84
skill shortage 301
small business performance 304
social democracy 158
social development 25, 28
Social Development Index (SDI) 33
social risks 157
social security institution 271
societal structures 226
Socioeconomic Data 76
software (SW) companies 309
software business incubators 265
software development 309
software industry 258
software market 260
software packages 304
software quality enhancement 309
software selection 304
software skills development program (SSDP) 264
spatial data 71, 75
spatial data gaps 77
structural capital 248, 252
supplemental system 119
system analysis 278
system objectives 282

T
take-off phase 198
tangible goods 248
target markets 266
technological acculturation 97
technological awareness 212
technological culturalisation (TC) 99
technology application difficulties 301
technology mismatch 100
technology provocateur 138, 147
telecommunications infrastructure 33
telephone density 33
television density 33
tertiary education 18
Time estimates 280
Total Education Expenditure 17
Total Management Approach 301
traditional implementation factors 102
transference of information technology 100
Turn-Key projects 63

U
uncertainty phase 198
user interface 306
Utopia project 166

W
Weltanschauung 164
workgroup systems 57
World Trade Organisation 197