LAMPIRAN II

INPUT FAKTOR DESAIN

1. *Enterprise strategy*

CQBIT 2019	Information & Technology Governance System Design Design Factor 1 *Enterprise Strategy*

Input Section—Importance of Each Enterprise Strategy Archetype

Value	Importance (1-5)	Baseline
Growth/Acquisition	2	3
Innovation/Differentiation	2	3
Cost Leadership	2	3
Client Service/Stability	5	3

2. *Enterprise goals*

CQBIT 2019	Information & Technology Governance System Design Design Factor 2 *Enterprise Goals*

Input Section—Importance of Each Enterprise Goal

Value	Importance (1-5)	Baseline
EG01—Portfolio of competitive products and services	2	3
EG02—Managed business risk	3	3
EG03—Compliance with external laws and regulations	1	3
EG04—Quality of financial information	5	3
EG05—Customer-oriented service culture	1	3
EG06—Business-service continuity and availability	4	3
EG07—Quality of management information	5	3
EG08—Optimization of internal business process functionality	2	3
EG09—Optimization of business process costs	2	3
EG10—Staff skills, motivation and productivity	3	3
EG11—Compliance with internal policies	2	3
EG12—Managed digital transformation programs	5	3
EG13—Product and business innovation	5	3

3. *Risk profile*

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Information & Technology Governance System Design
Design Factor 3 *Risk Profile*

Input Section—Importance of Each Generic IT Risk Category

Risk Scenario Category	Impact (1-5)	Likelihood (1-5)	Risk Rating	Baseline
IT investment decision making, portfolio definition & maintenance	1	1	⬤	9
Program & projects life cycle management	3	2	🟢	9
IT cost & oversight	2	2	🟢	9
IT expertise, skills & behavior	3	3	🟡	9
Enterprise/IT architecture	3	2	🟢	9
IT operational infrastructure incidents	3	2	🟢	9
Unauthorized actions	3	1	⬤	9
Software adoption/usage problems	5	5	🔴	9
Hardware incidents	3	2	🟢	9
Software failures	5	5	🔴	9
Logical attacks (hacking, malware, etc.)	5	5	🔴	9
Third-party/supplier incidents	3	1	⬤	9
Noncompliance	4	4	🔴	9
Geopolitical Issues	1	1	⬤	9
Industrial action	1	1	⬤	9
Acts of nature	1	1	⬤	9
Technology-based innovation	3	2	🟢	9
Environmental	1	1	⬤	9
Data & information management	5	5	🔴	9

🔴	Very High Risk
🟡	High Risk
🟢	Normal Risk
⬤	Low Risk

4. *IT Related issues*

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Information & Technology Governance System Design
Design Factor 4 *IT-Related Issues*

Input Section—Importance of Each Generic IT-Related Issue

IT-Related Issue	Importance (1-3)	Baseline
Frustration between different IT entities across the organization because of a perception of low contribution to business value	✅	2
Frustration between business departments (i.e., the IT customer) and the IT department because of failed initiatives or a perception of low contribution to business value	✅	2
Significant IT-related incidents, such as data loss, security breaches, project failure and application errors, linked to IT	❌	2
Service delivery problems by the IT outsourcer(s)	✅	2
Failures to meet IT-related regulatory or contractual requirements	✅	2
Regular audit findings or other assessment reports about poor IT performance or reported IT quality or service problems	✅	2
Substantial hidden and rogue IT spending, that is, IT spending by user departments outside the control of the normal IT investment decision mechanisms and approved budgets	✅	2
Duplications or overlaps between various initiatives, or other forms of wasted resources	✅	2
Insufficient IT resources, staff with inadequate skills or staff burnout/dissatisfaction	✅	2
IT-enabled changes or projects frequently failing to meet business needs and delivered late or over budget	✅	2
Reluctance by board members, executives or senior management to engage with IT, or a lack of committed business sponsorship for IT	✅	2
Complex IT operating model and/or unclear decision mechanisms for IT-related decisions	✅	2
Excessively high cost of IT	✅	2
Obstructed or failed implementation of new initiatives or innovations caused by the current IT architecture and systems	✅	2
Gap between business and technical knowledge, which leads to business users and information and/or technology specialists speaking different languages	✅	2
Regular issues with data quality and integration of data across various sources	❌	2
High level of end-user computing, creating (among other problems) a lack of oversight and quality control over the applications that are being developed and put in operation	✅	2
Business departments implementing their own information solutions with little or no involvement of the enterprise IT department (related to end-user computing, which often stems from dissatisfaction with IT solutions and services)	✅	2
Ignorance of and/or noncompliance with privacy regulations	✅	2
Inability to exploit new technologies or innovate using I&T	✅	2

✅	No Issue
⚠️	Issue
❌	Serious Issue

5. *Threat landscape*

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Information & Technology Governance System Design
Design Factor 5 *Threat Landscape*

Input Section—Importance of Threat Landscape

Value	Importance (100%)	Baseline
High	**70%**	33%
Normal	**30%**	67%

6. *Compliance requirements*

COBIT 2019
Information & Technology Governance System Design
Design Factor 6 *Compliance Requirements*

Input Section—Importance of Compliance Requirements

Value	Importance (100%)	Baseline
High	100%	0%
Normal	0%	0%
Low	0%	0%

7. *Role of IT*

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Information & Technology Governance System Design
Design Factor 7 *Role of IT*

Input Section—Importance of Role of IT

Value	Importance (1-5)	Baseline
Support	5	3
Factory	1	3
Turnaround	1	3
Strategic	1	3

8.   Sourcing model of IT

	Information & Technology Governance System Design
COBIT 2019	**Design Factor 8** *Sourcing Model for IT*

Input Section—Importance of Sourcing Model for IT		
Value	**Importance (100%)**	**Baseline**
Outsourcing	10%	*33%*
Cloud	20%	*33%*
Insourced	70%	*33%*

9.   Implementation methods

	Information & Technology Governance System Design
COBIT 2019	**Design Factor 9** *IT Implementation Methods*

Input Section—Importance of IT Implementation Methods		
Value	**Importance (100%)**	**Baseline**
Agile	0%	*15%*
DevOps	50%	*10%*
Traditional	50%	*75%*

10.   Technology adoption strategy

	Information & Technology Governance System Design
COBIT 2019	**Design Factor 10** *Technology Adoption Strategy*

Input Section—Importance of Technology Adoption Strategy		
Value	**Importance (100%)**	**Baseline**
First mover	0%	*15%*
Follower	50%	*70%*
Slow adopter	50%	*15%*

11. Enterprise Size

Total of employee	Category	Chooice
50 – 250	Small	√
> 250	Large	