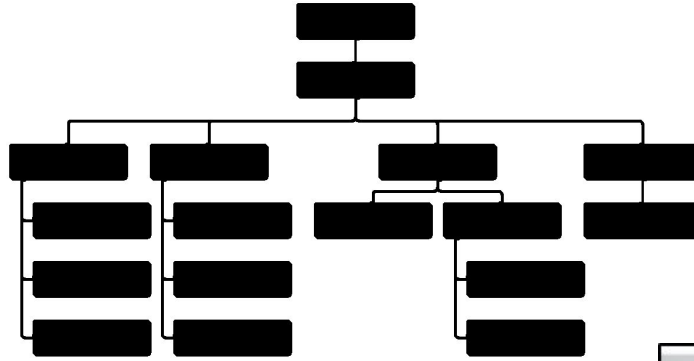# CS 301
Requirements Feasibility

Eswaran Narasimhan

11 – Sep - 2024

Feasibility Evaluation

❑ **Organizational**

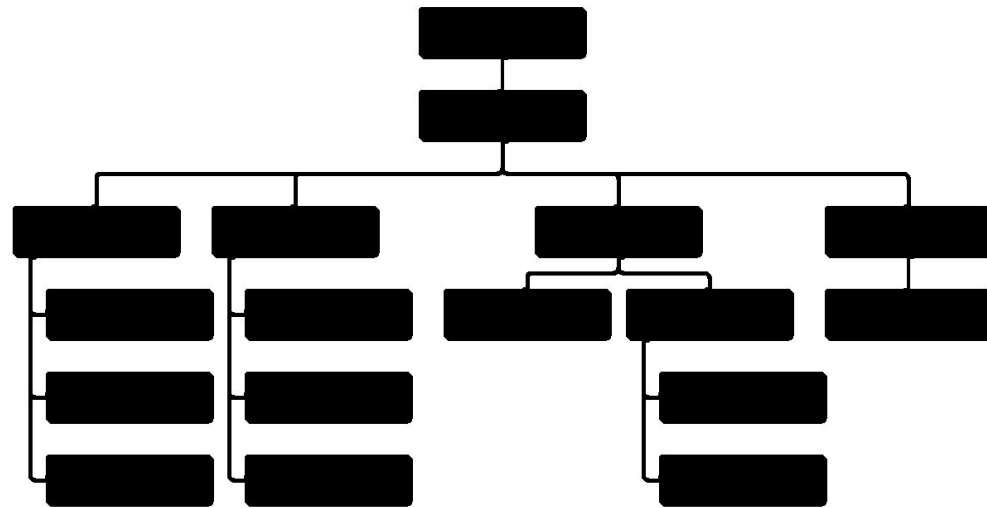❑ **Financial**

❑ **Technical**

Feasibility Evaluation

☐ **Organizational**

☐	**Capability**
☐	**Readiness**
☐	**Core Competency**
☐	**People Resource**
☐	**Facilities**
☐	**Operational Process**
☐	**Intellectual Property**

Feasibility Evaluation Organizational

Capability
Readiness
Core Competency
People Resource
Facilities
Operational Process
Intellectual Property

Is it a natural progression of the business?
Is it a case of backward / forward integration?

Titan – Opening a new sports equipment chain

Titan – Opening a new fashion Jewelry

Feasibility Evaluation Organizational

Is it a natural progression of the business?
Is it a case of backward / forward integration?

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☐ Readiness
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Titan – Opening a new sports equipment chain

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~~Titan~~ **X** – Opening a new sports equipment chain

Feasibility Evaluation Organizational

☐ **Capability**
☐ **Readiness**
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☐ Operational Process
☐ Intellectual Property

Will the business be ready to adopt new processes?
☐ **What time frame to be steady state?**
☐ **Downstream and upstream integration?**
☐ **Impact on business?**
☐ **Parallel usage?**

CALENDAR 2024

Feasibility Evaluation Organizational

Capability

Readiness

Core Competency

People Resource

Facilities

Operational Process

Intellectual Property

Will the business be ready to adopt new processes?

☐ What time frame to be steady state?

☐ **Downstream and upstream integration?**
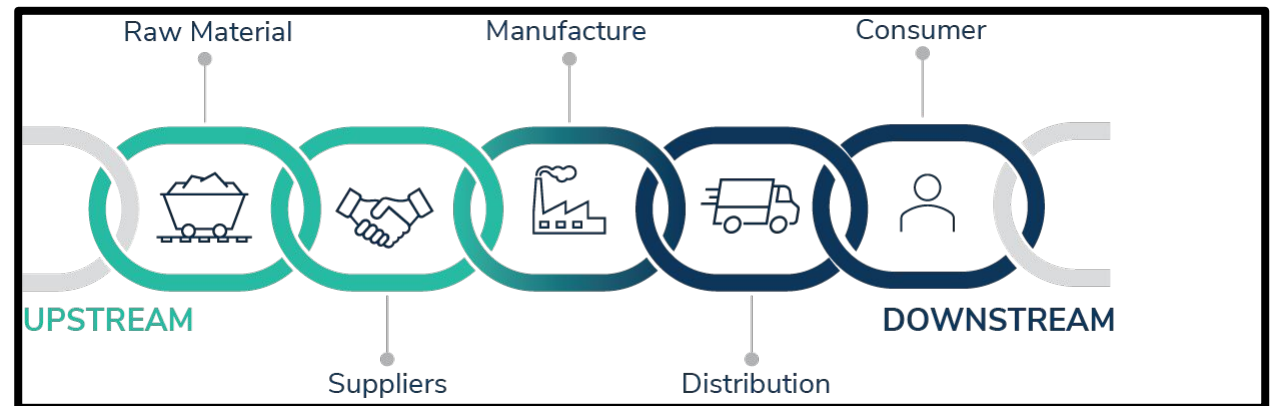
☐ Impact on business?

☐ Parallel usage?

Feasibility Evaluation Organizational

- ☐ **Capability**
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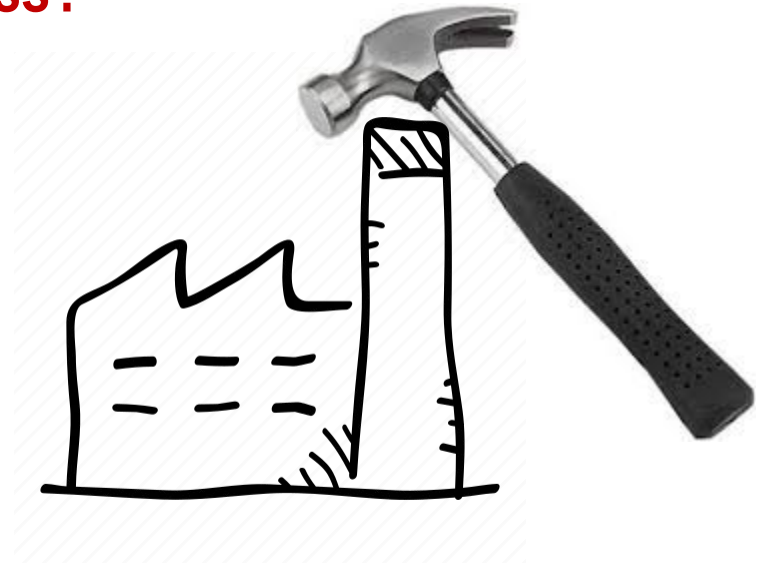- ☐ **Impact on business?**
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Feasibility Evaluation Organizational

- **Capability**
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Feasibility Evaluation Organizational

☐ **Capability**
☐ **Readiness**
☐ **Core Competency**
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☐ Operational Process
☐ Intellectual Property

Is the core competency of the business?
☐ What is the core strength?
☐ Will there be a loss of focus?

Feasibility Evaluation Organizational

- ☐ **Capability**
- ☐ **Readiness**
- ☐ **Core Competency**
- ☐ **People Resource**
- ☐ Facilities
- ☐ Operational Process
- ☐ Intellectual Property

Learning curve in terms of training
- ☐ **Amount of time spent by users**
- ☐ **Training time and cost of upskilling?**
- ☐ **New employees?**

Feasibility Evaluation Organizational

- ☐ **Capability**
- ☐ **Readiness**
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Feasibility Evaluation Organizational

- ☐ **Capability**
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- ☐ **Facilities**
- ☐ Operational Process
- ☐ Intellectual Property

Will new facilities be created?
- ☐ Recurring cost of new facilities
- ☐ How many more employees to be recruited?
- ☐ How many employees to retrenched?

Feasibility Evaluation Organizational

- ☐ **Capability**
- ☐ **Readiness**
- ☐ **Core Competency**
- ☐ **People Resource**
- ☐ **Facilities**
- ☐ **Operational Process**
- ☐ **Intellectual Property**

- ☐ PCI DSS
- ☐ ISO standards
- ☐ FISMA
- ☐ GDPR
- ☐ HIPAA

What will be the change in operational processes?

- ☐ **What are the regulatory impacts?**
- ☐ Impact on cashflow?
- ☐ Supplier/Customer process impacts?

Feasibility Evaluation Organizational

- ☐ **Capability**
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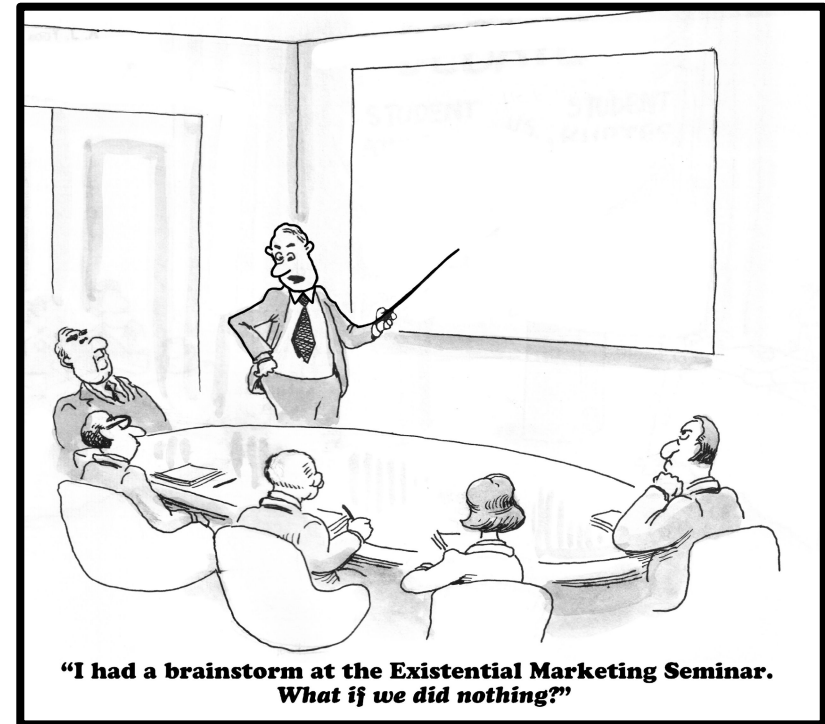- ☐ **What are the regulatory impacts?**
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Feasibility Evaluation Organizational

- ☐ **Capability**
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- ☐ **People Resource**
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- ☐ **Operational Process**
- ☐ **Intellectual Property**

"I had a brainstorm at the Existential Marketing Seminar. What if we did nothing?"

What will be the change in operational processes?
- ☐ **What are the regulatory impacts?**
- ☐ **Impact on cashflow?**
- ☐ **Supplier/Customer process impacts?**

Feasibility Evaluation Organizational

- **Capability**
- **Readiness**
- **Core Competency**
- **People Resource**
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- **Intellectual Property**

Will the company acquire a valuable IP?
- Can that be monetized?

Feasibility Evaluation

☐ **Financial**

☐ **Return on Investment**
☐ **Cashflow impact**
☐ **Licensing costs**
☐ **Opportunity for resale**

Feasibility Evaluation Financial

Return on Investment

Cashflow impact

Licensing costs

Opportunity for resale

- ❑ **What will be the ROI?**
- ❑ **Will it reduce operational costs?**
- ❑ **Will it improve topline?**
- ❑ **Will it improve bottom-line?**
- ❑ **Will waste reduce?**

$$\frac{\text{Net Profit}}{\text{Cost of Investment}} \times 100 = \text{ROI}$$

Feasibility Evaluation Financial

Return on Investment

Cashflow impact

Licensing costs

Opportunity for resale

- ❑ **What will be the ROI?**
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Feasibility Evaluation
Financial

- **Return on Investment**
- **Cashflow impact**
- **Licensing costs**
- **Opportunity for resale**

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Top Line
Vs
Bottom Line
GROWTH

Feasibility Evaluation
Financial

- **Return on Investment**
- **Cashflow impact**
- **Licensing costs**
- **Opportunity for resale**

- ❑ **What will be the ROI?**
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Vs
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GROWTH

Feasibility Evaluation Financial

☐ **Return on Investment**
☐ **Cashflow impact**
☐ **Licensing costs**
☐ **Opportunity for resale**

☐ **What will be the ROI?**
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☐ **Will it improve bottom-line?**
☐ **Will waste reduce?**

Feasibility Evaluation
Financial

- **Return on Investment**
- **Cashflow impact**
- **Licensing costs**
- **Opportunity for resale**

- Will it reduce loan burden?
- Will it improve cash flow?
- How much will the float increase?

Feasibility Evaluation Financial

Return on Investment

Cashflow impact

Licensing costs

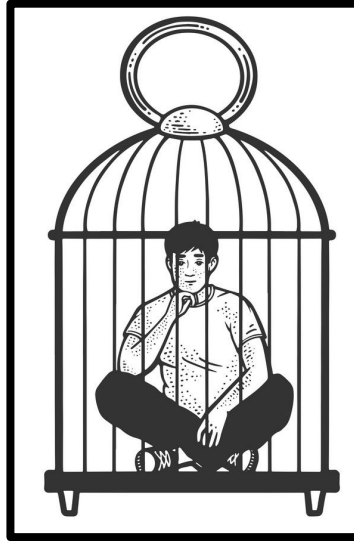**Opportunity for resale**

Pay Licensing Fees

- **How are the licensing costs increasing?**
- **Will it result in a vendor lock-in ?**
- **What are the commercial impacts?**

Feasibility Evaluation
Financial

Return on Investment

Cashflow impact

Licensing costs

Opportunity for resale

How are the licensing costs increasing?

Will it result in a vendor lock-in ?

What are the commercial impacts?

Feasibility Evaluation Financial

Return on Investment

Cashflow impact

Licensing costs

Opportunity for resale

How are the licensing costs increasing?

Will it result in a vendor lock-in ?

What are the commercial impacts?

Feasibility Evaluation Financial

- Return on Investment
- Cashflow impact
- Licensing costs
- Opportunity for resale

- Can the product be resold?
- What are the resale prospects?

Feasibility Evaluation

☐ **Technical**

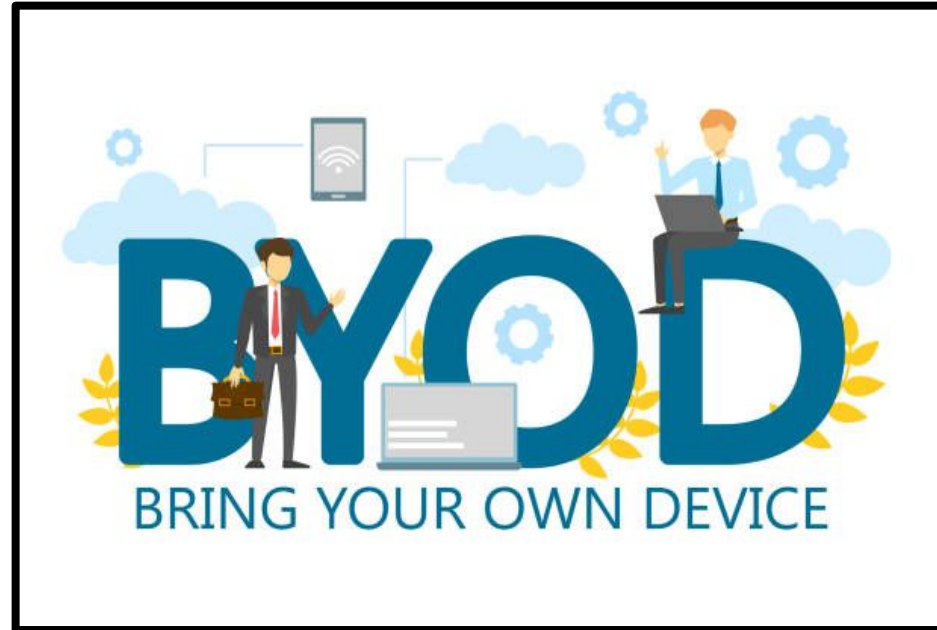☐ **Interoperability**
☐ **Technical maturity**
☐ **Technical skills**
☐ **Architectural compatibility**
☐ **Technical Debt**
☐ **Vendor Lock-in**

Feasibility Evaluation Technical

- ☐ **Interoperability**
- ☐ **Technical maturity**
- ☐ **Technical skills**
- ☐ **Architectural compatibility**
- ☐ **Technical Debt**
- ☐ **Vendor Lock-in**

- ☐ **Can the product work with organizational landscape?**
- ☐ **Will it affect BYOD policies?**

Feasibility Evaluation Technical

- ❑ **Interoperability**
- ❑ **Technical maturity**
- ❑ **Technical skills**
- ❑ **Architectural compatibility**
- ❑ **Technical Debt**
- ❑ **Vendor Lock-in**

- ❑ How mature is the technology?
- ❑ Are competitors using the same?
- ❑ What is the roadmap of the underlying technology?

Feasibility Evaluation Technical

- Interoperability
- Technical maturity
- Technical skills
- Architectural compatibility
- Technical Debt
- Vendor Lock-in

- Can the technologies be learnt by the employees?
- How much dependency on the skill market?
- In house training vs market pickup

Feasibility Evaluation Technical

- Interoperability
- Technical maturity
- Technical skills
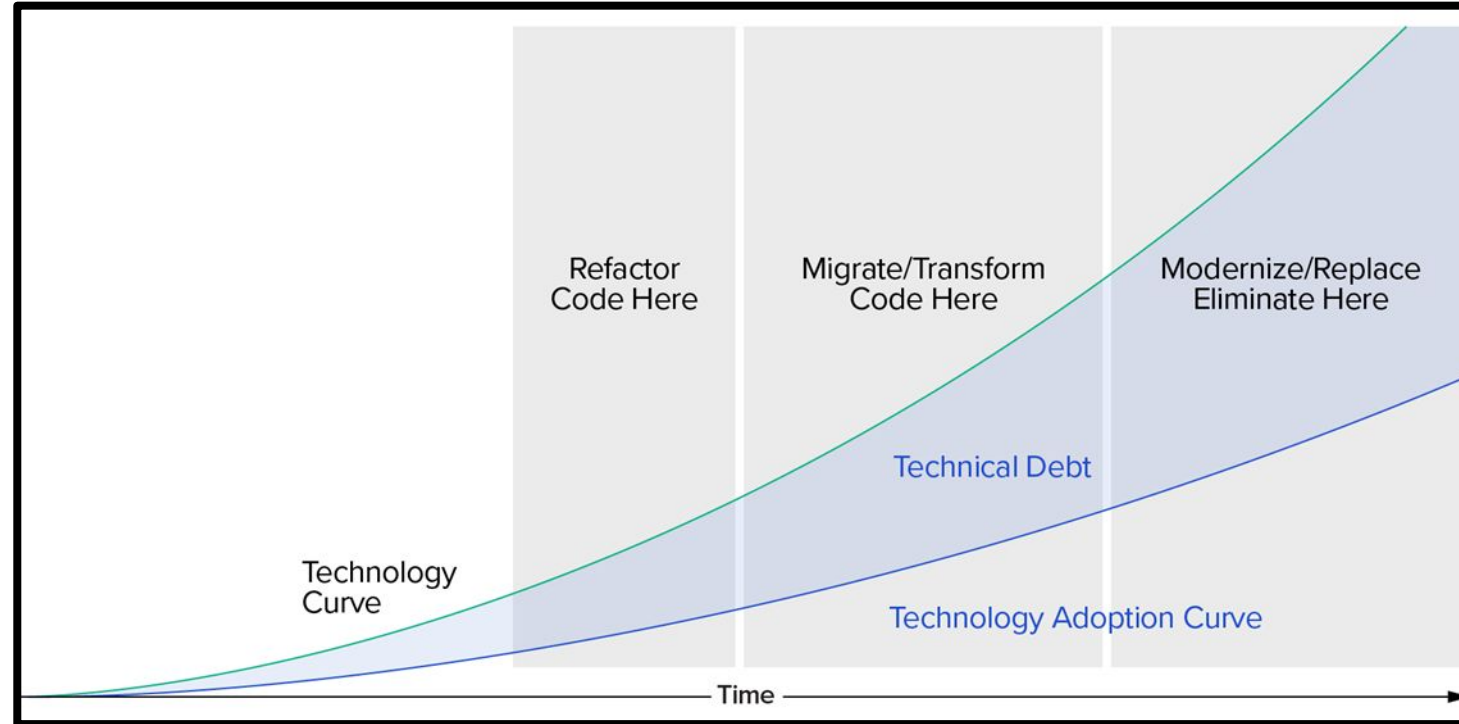- Architectural compatibility
- Technical Debt
- Vendor Lock-in

- Will the changes in architecture be minimal?
- Will there be architectural co-existence?
- Will there be multiple architectures in the organization?

Feasibility Evaluation Technical

- **Interoperability**
- **Technical maturity**
- **Technical skills**
- **Architectural compatibility**
- **Technical Debt**
- **Vendor Lock-in**

- By investing in this technology is money really being saved?
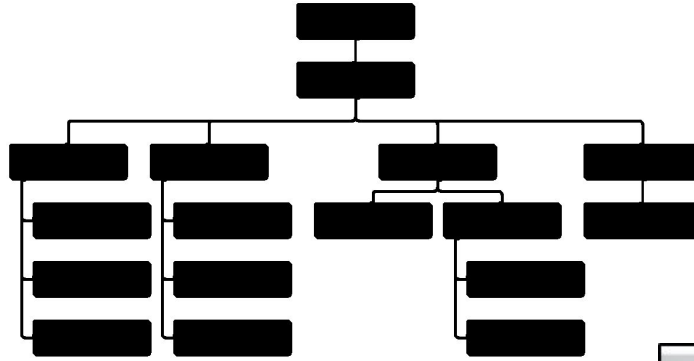- How much of technical debt is being created?

Feasibility Evaluation Technical

- ☐ **Interoperability**
- ☐ **Technical maturity**
- ☐ **Technical skills**
- ☐ **Architectural compatibility**
- ☐ **Technical Debt**
- ☐ **Vendor Lock-in**

- ☐ Are there other vendors who offer the same support?
- ☐ Will it increase dependency on one vendor?

Feasibility Evaluation

- ❑ **Organizational**

- ❑ **Financial**

- ❑ **Technical**