

## PROCESSO UNIFICADO

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# CONTEÚDO

- Caracterização do UP
- Fases do UP
- Implementações
  - RUP
  - EUP
  - RUP-SE
  - OUM
  - DAD
  - OpenUP



# PROCESSO UNIFICADO (UP)

- Jacobson, Booch, & Rumbaugh, década de 1990.

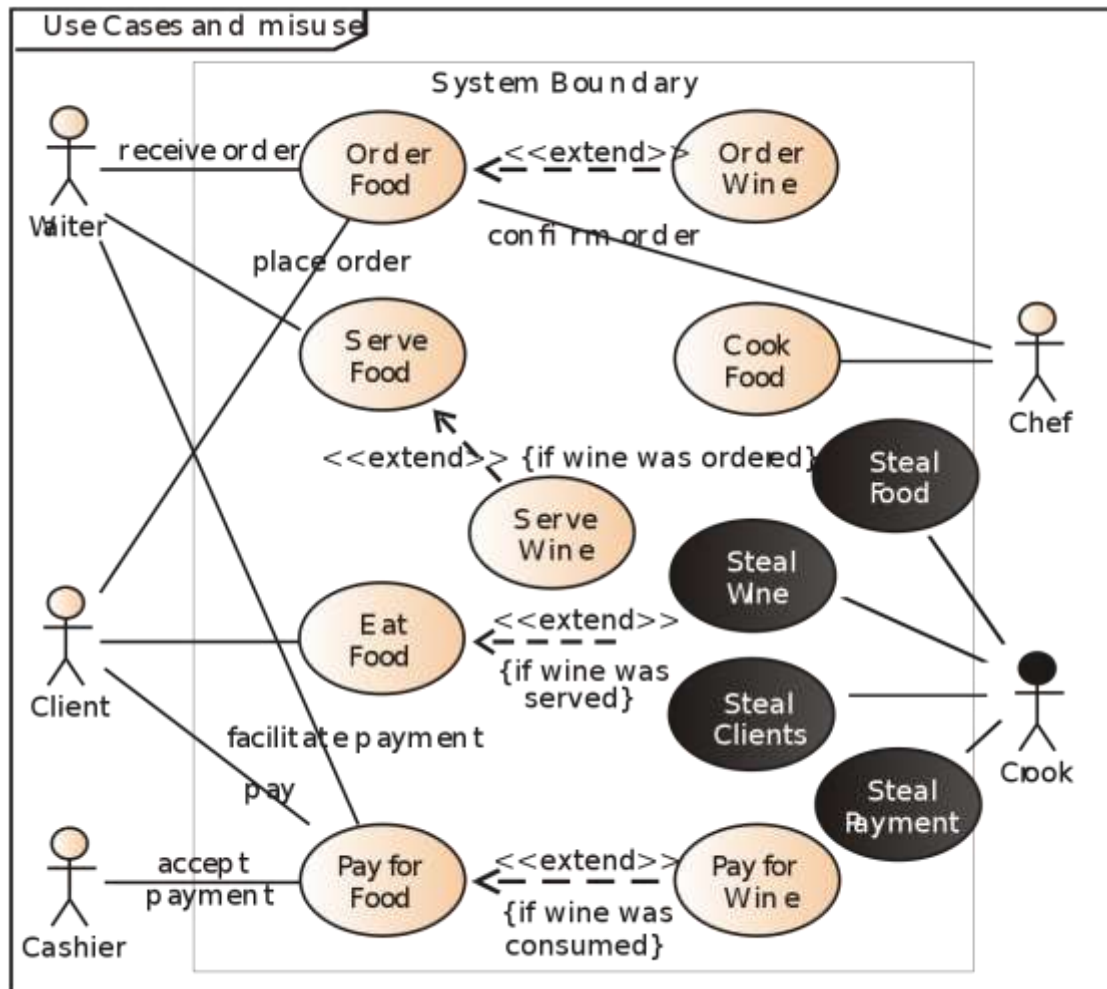


## CARACTERIZAÇÃO

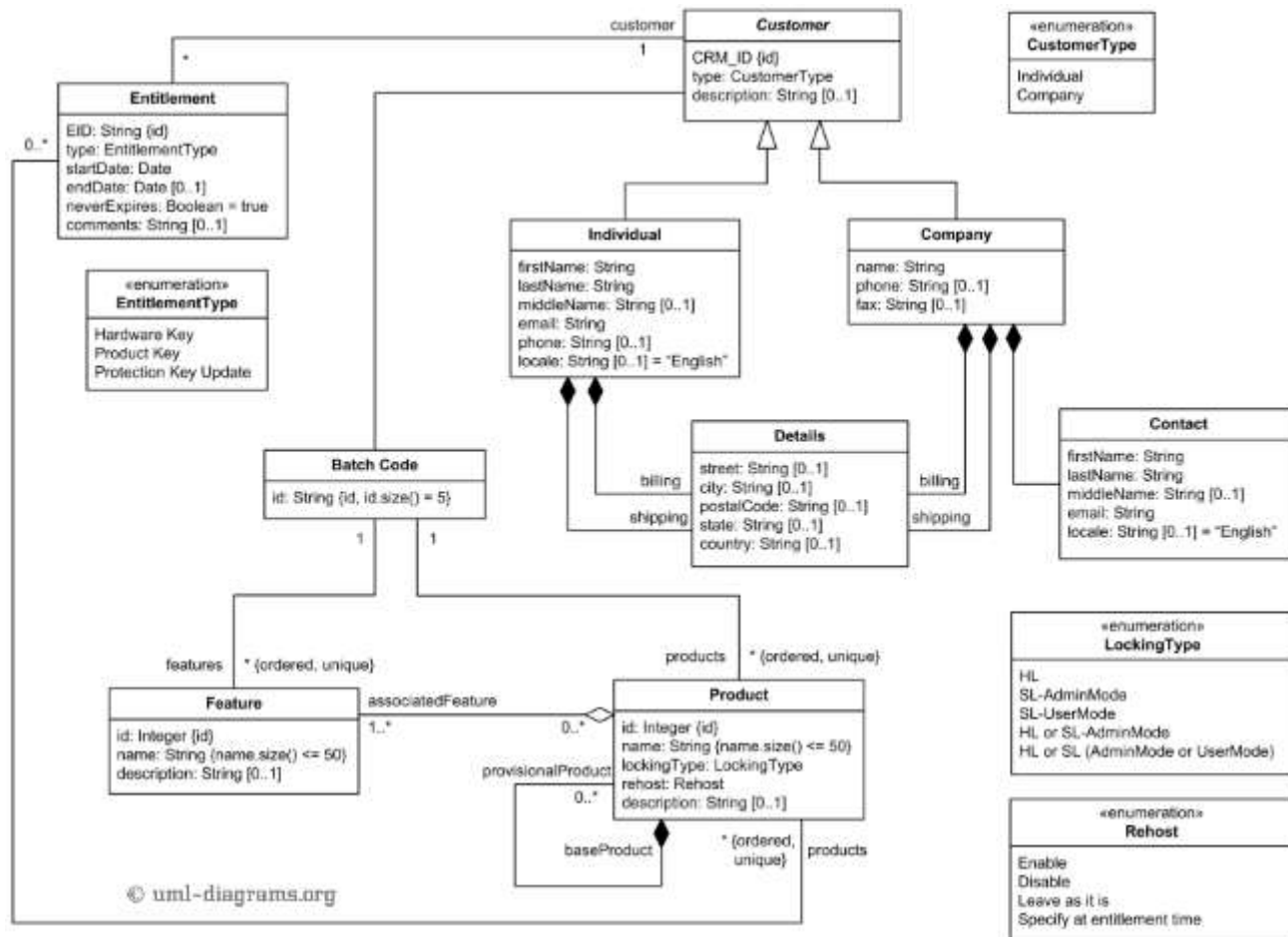
- É dirigido por casos de uso.
- É centrado na arquitetura.
- É iterativo e incremental.
- É focado em riscos.



# DIRIGIDO POR CASOS DE USO



# CENTRADO NA ARQUITETURA



# ITERATIVO E INCREMENTAL

## Incremental

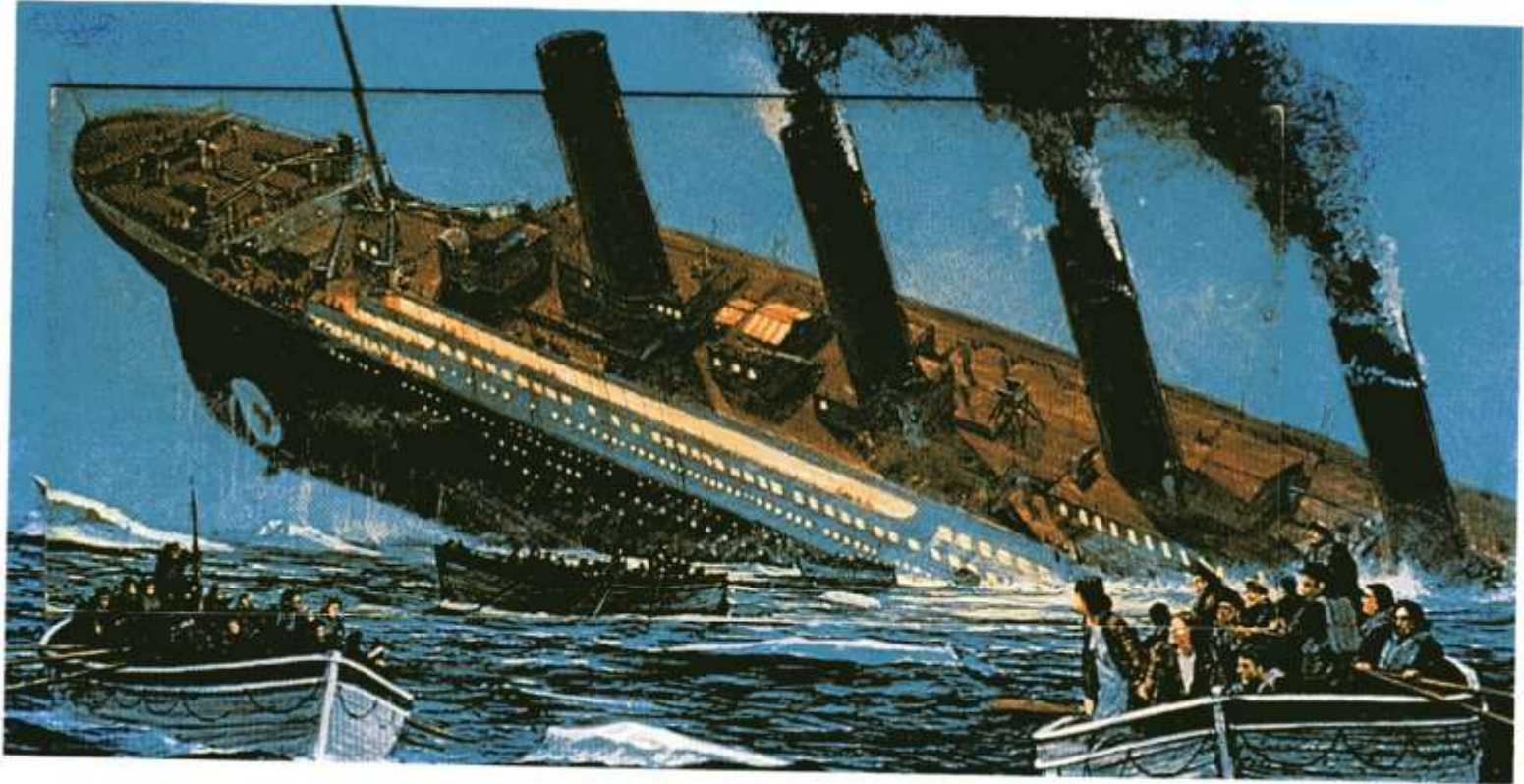


## Iterative



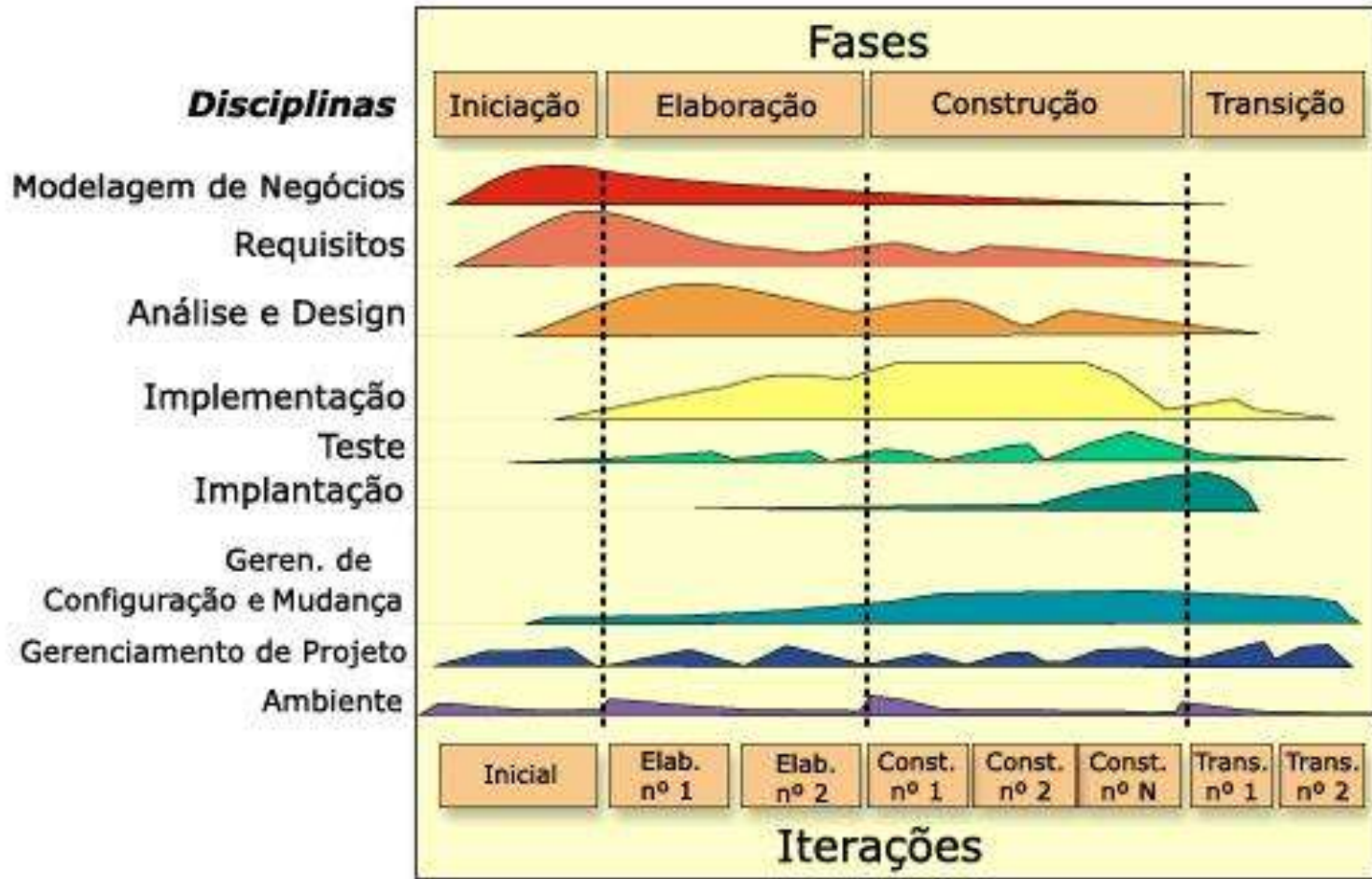


# FOCADO EM RISCOS





# FASES DO UP



# CONCEPÇÃO

## MARCO LCO - *LIFECICLE OBJECTIVE MILESTONE.*



# ELABORAÇÃO

## MARCO LCA - *LIFECICLE ARCHITECTURE MILESTONE*

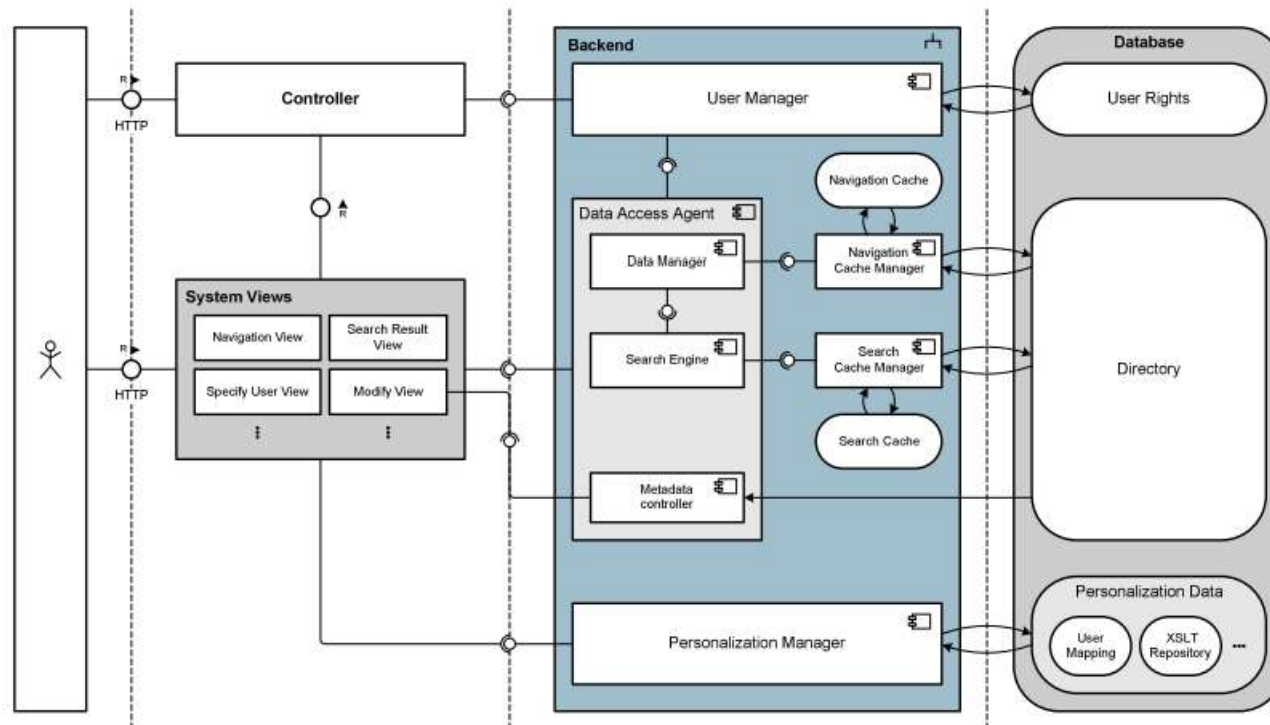
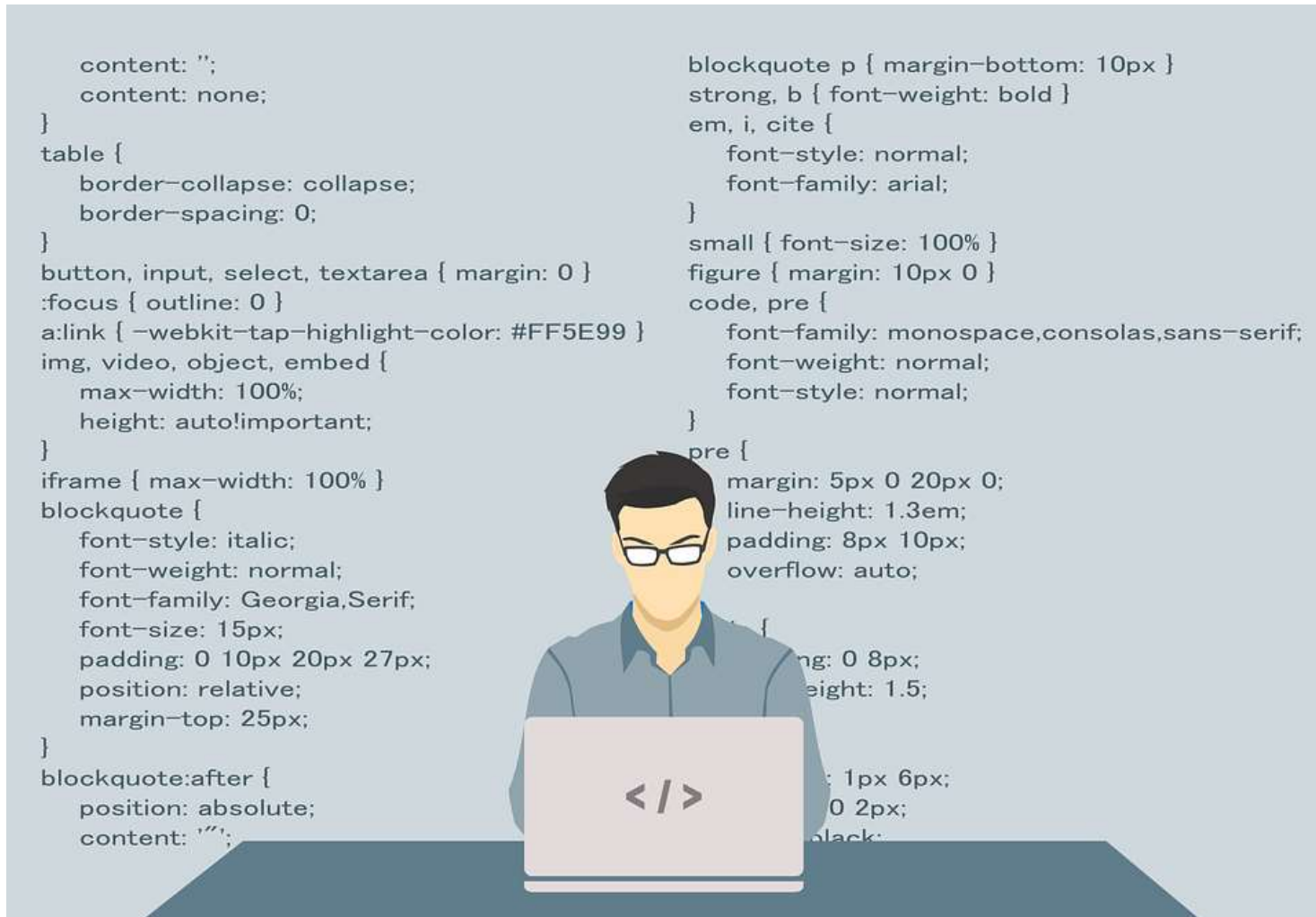


Figure 2-2 Design Level Component/Block diagram

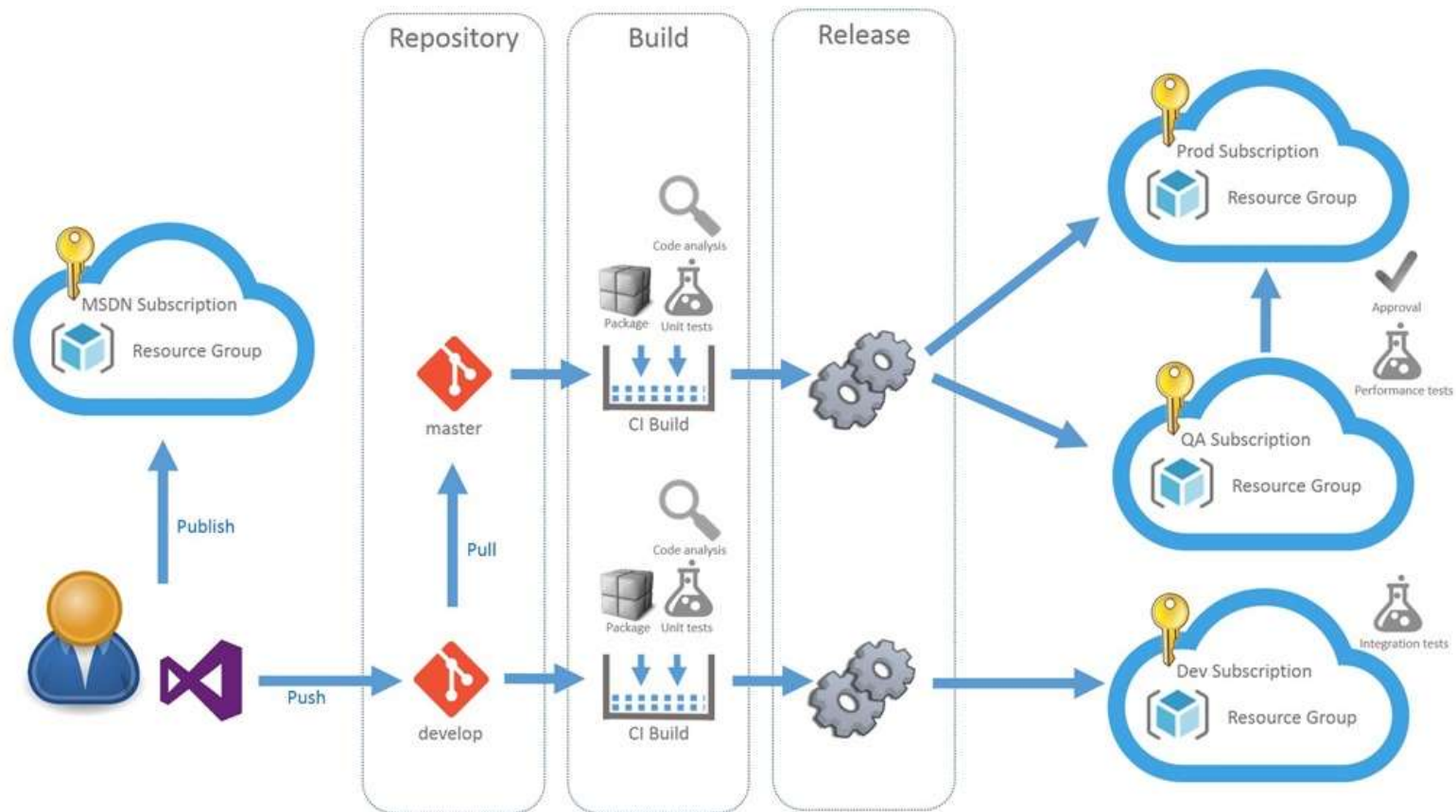
# CONSTRUÇÃO

## MARCO IOC - *INITIAL OPERATIONAL CAPABILITY MILESTONE*



# TRANSIÇÃO

## MARCO PR - *PRODUCT RELEASE MILESTONE*



# IMPLEMENTAÇÕES DO UP

- RUP – Rational Unified Process
- EUP - Enterprise Unified Process
- RUP-SE - Rational Unified Process—Systems Engineering
- OUM - Oracle Unified Method
- DAD – Disciplined Agile Delivery
- OpenUp - Open Unified Process





# RUP – RATIONAL UNIFIED PROCESS

## ○ Base filosófica:

- Desenvolver iterativamente tendo o risco como principal fator de determinação de iterações
- Gerenciar requisitos
- Empregar uma arquitetura baseada em componentes
- Modelar software de forma visual com diagramas
- Verificar a qualidade de forma contínua
- Controlar as mudanças



# BLOCOS DE CONSTRUÇÃO DO RUP

- *Quem*
- *O quê*
- *Como*
- *Quando*

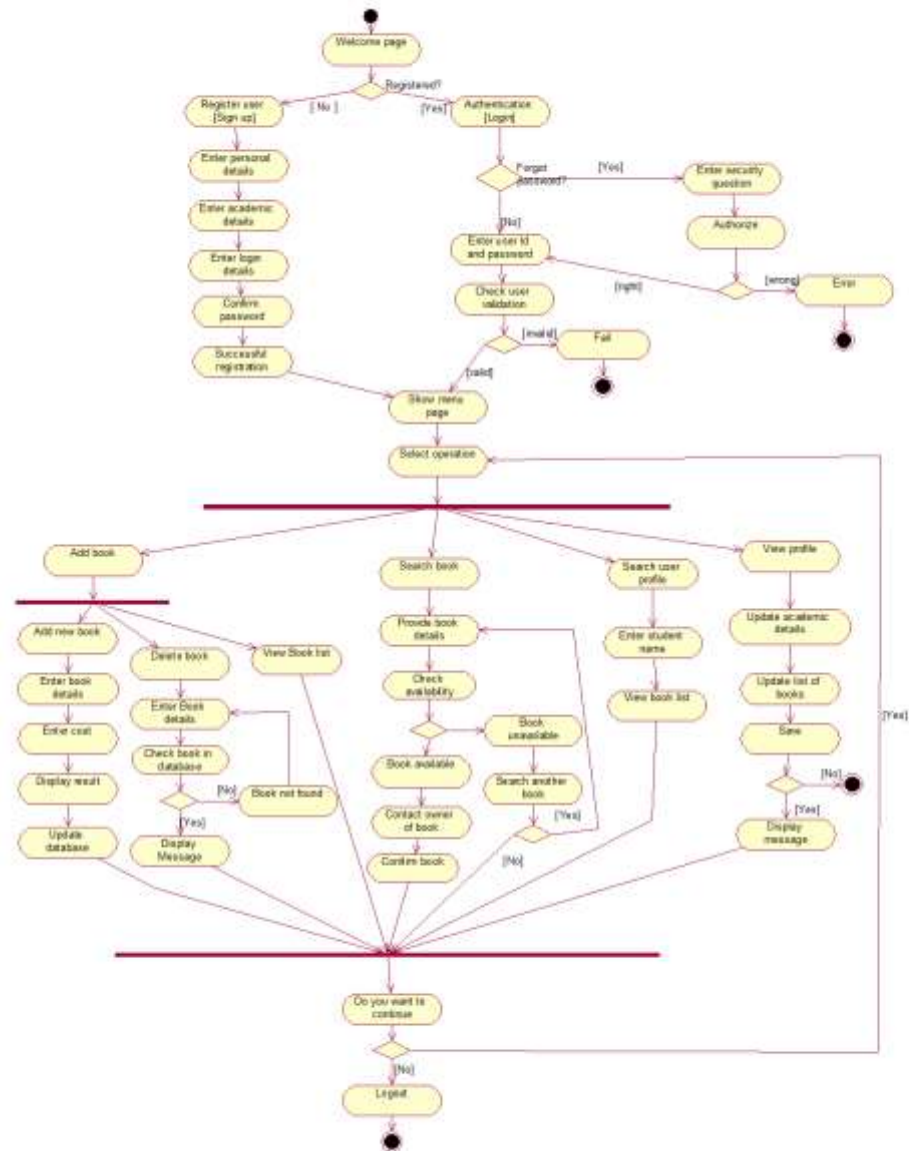


# PAPEIS

- Papeis de analista.
- Papeis de desenvolvedor.
- Papeis de testador.
- Papeis de gerente.
- Outros papeis.



# ATIVIDADES



# ARTEFATOS



# WORKFLOW

- *Workflow núcleo (core)*
- *Workflow detalhe*
- *Planos de iteração*



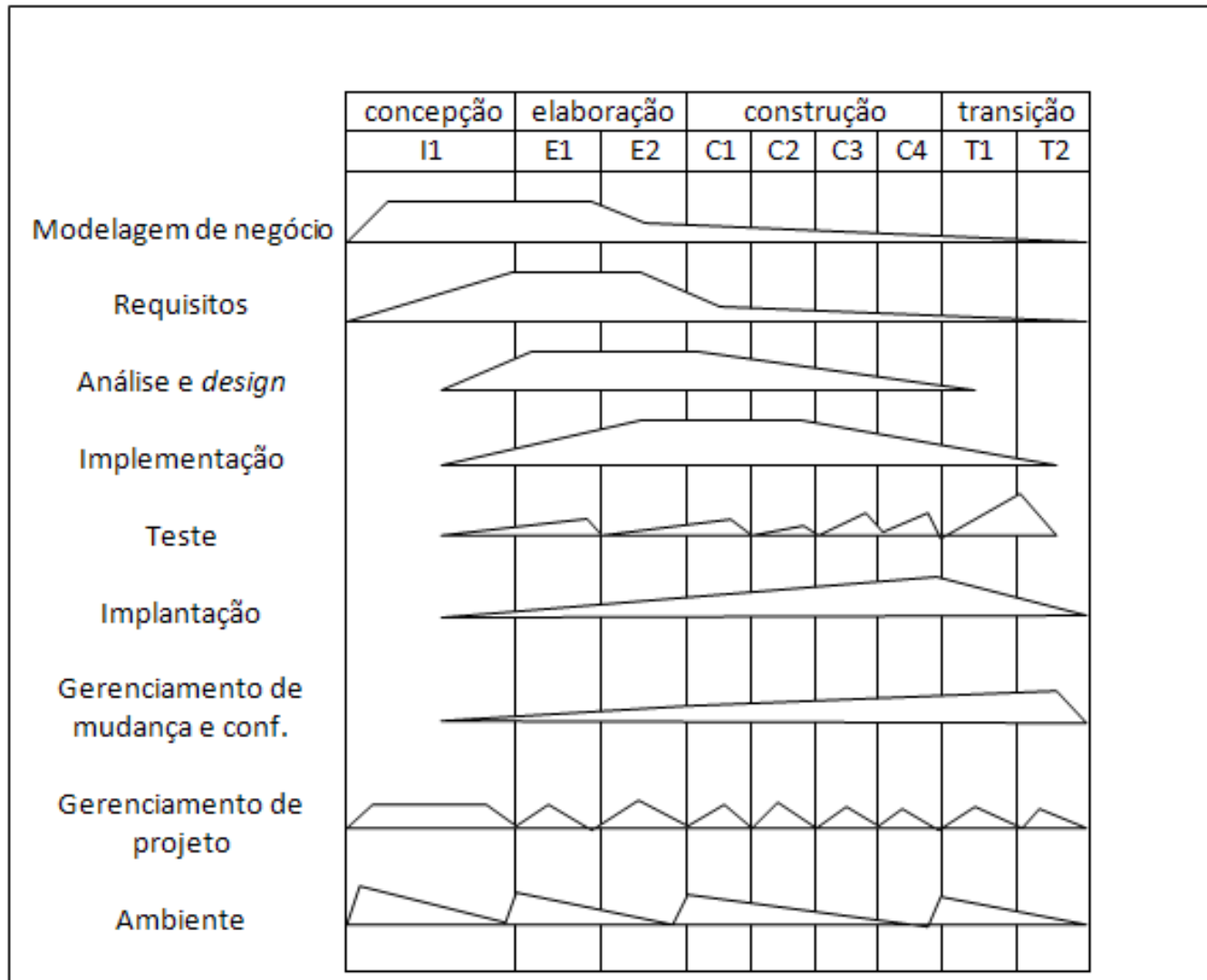


## OUTROS ELEMENTOS RUP

- *Procedimentos (guidelines)*
- *Templates*
- *Mentores de ferramenta*



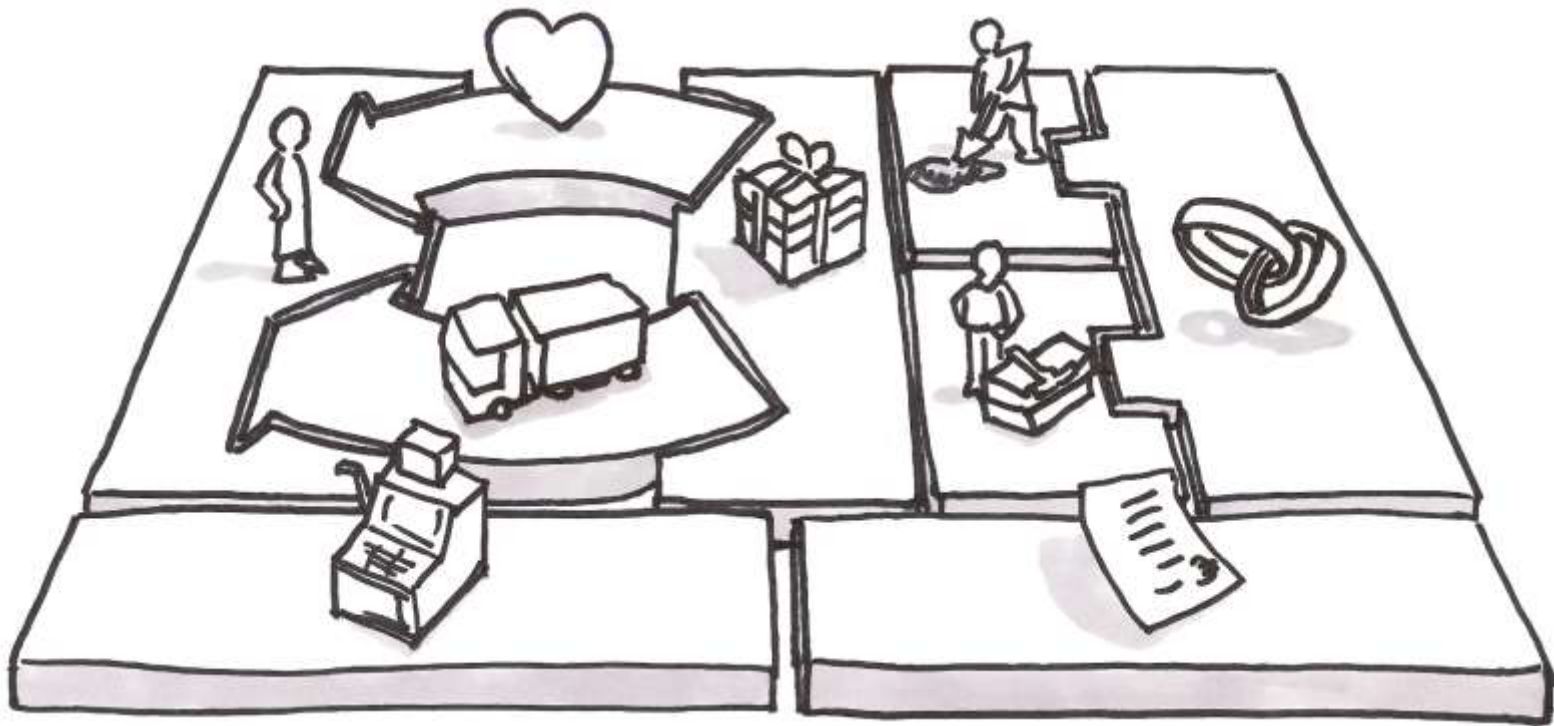
# DISCIPLINAS RUP



# GERENCIAMENTO DE PROJETO

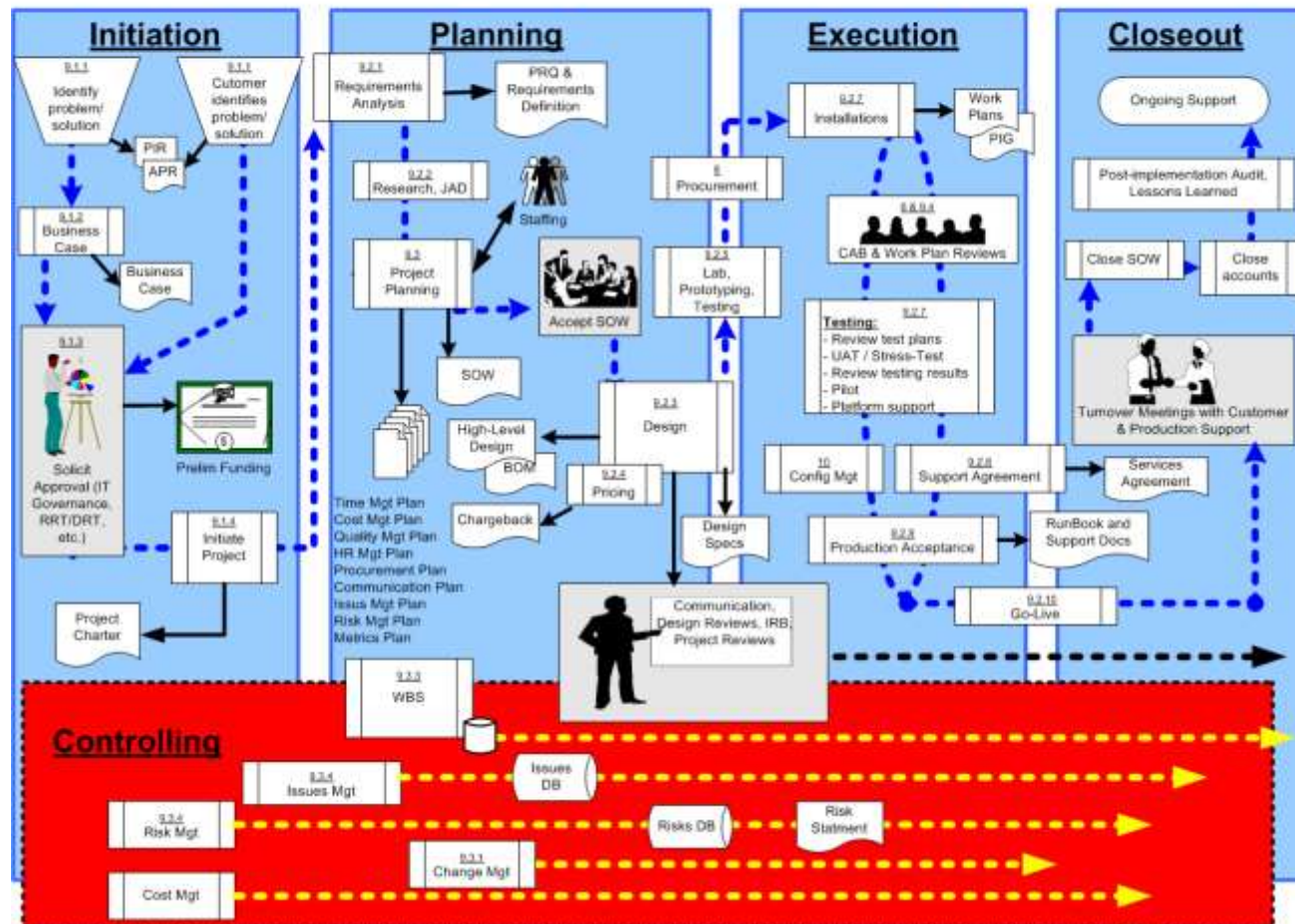


# MODELAGEM DE NEGÓCIO



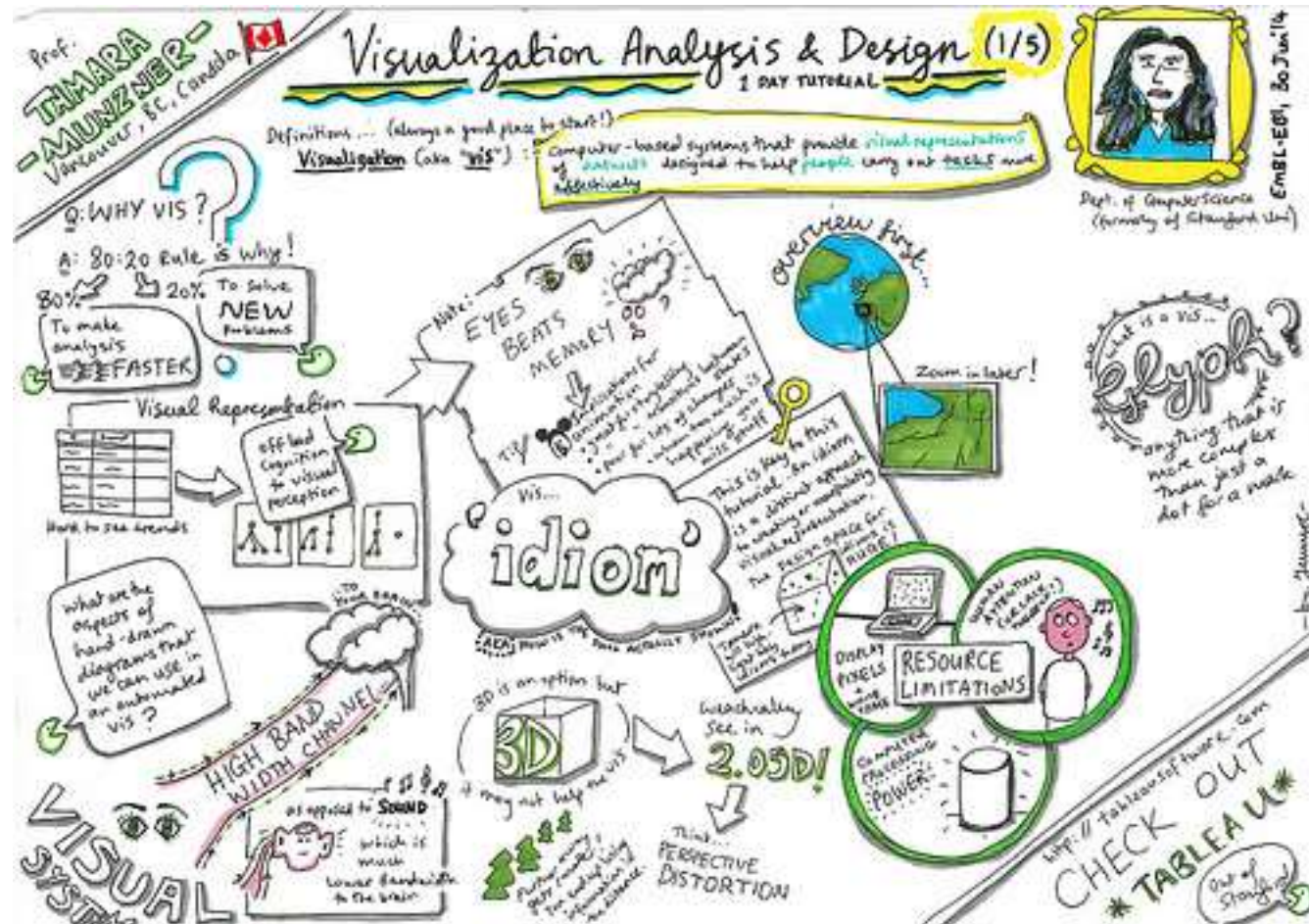
# REQUISITOS

## Managing SEO Requirements Through the PM Life Cycle



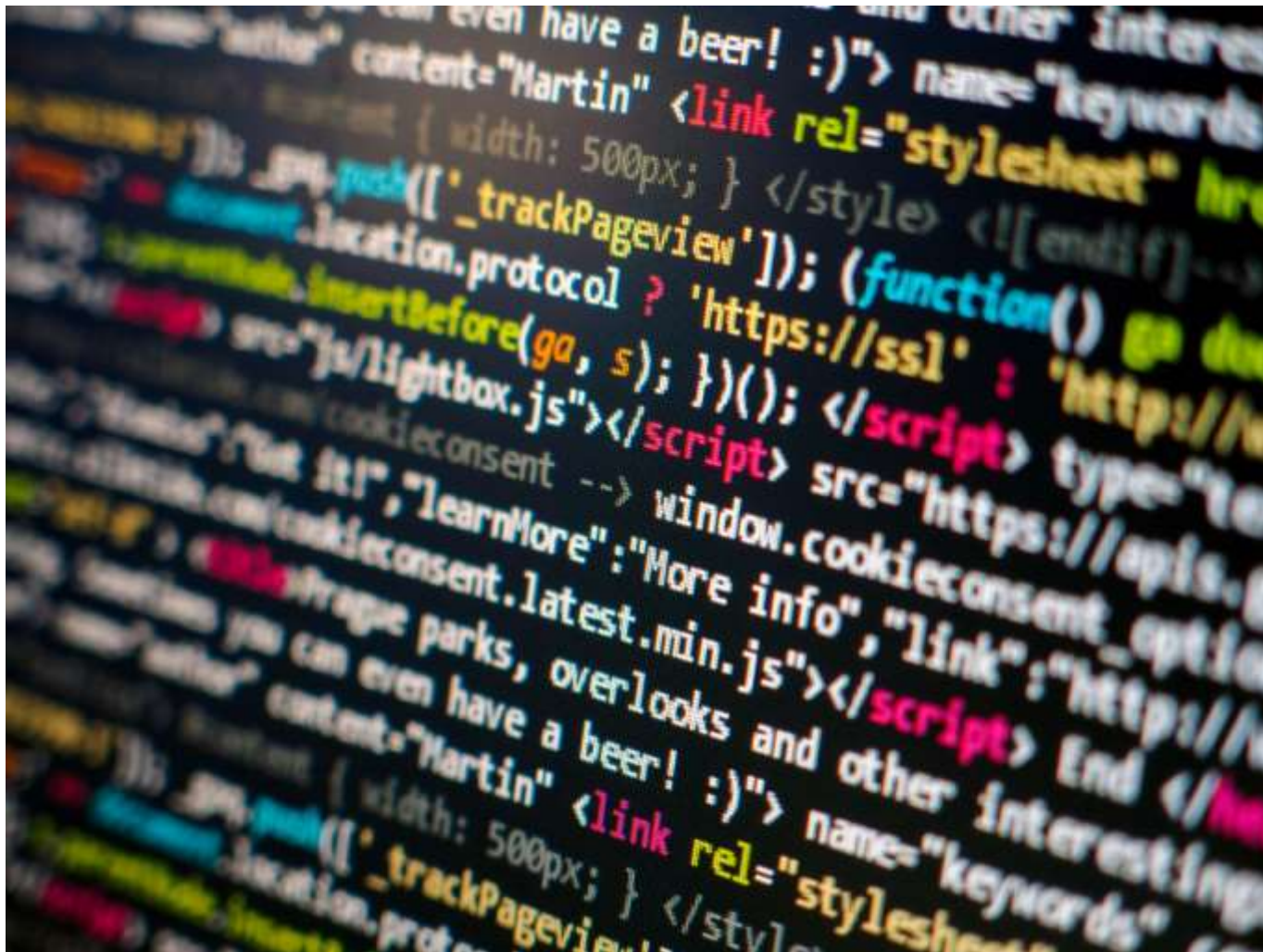


# ANÁLISE E DESIGN

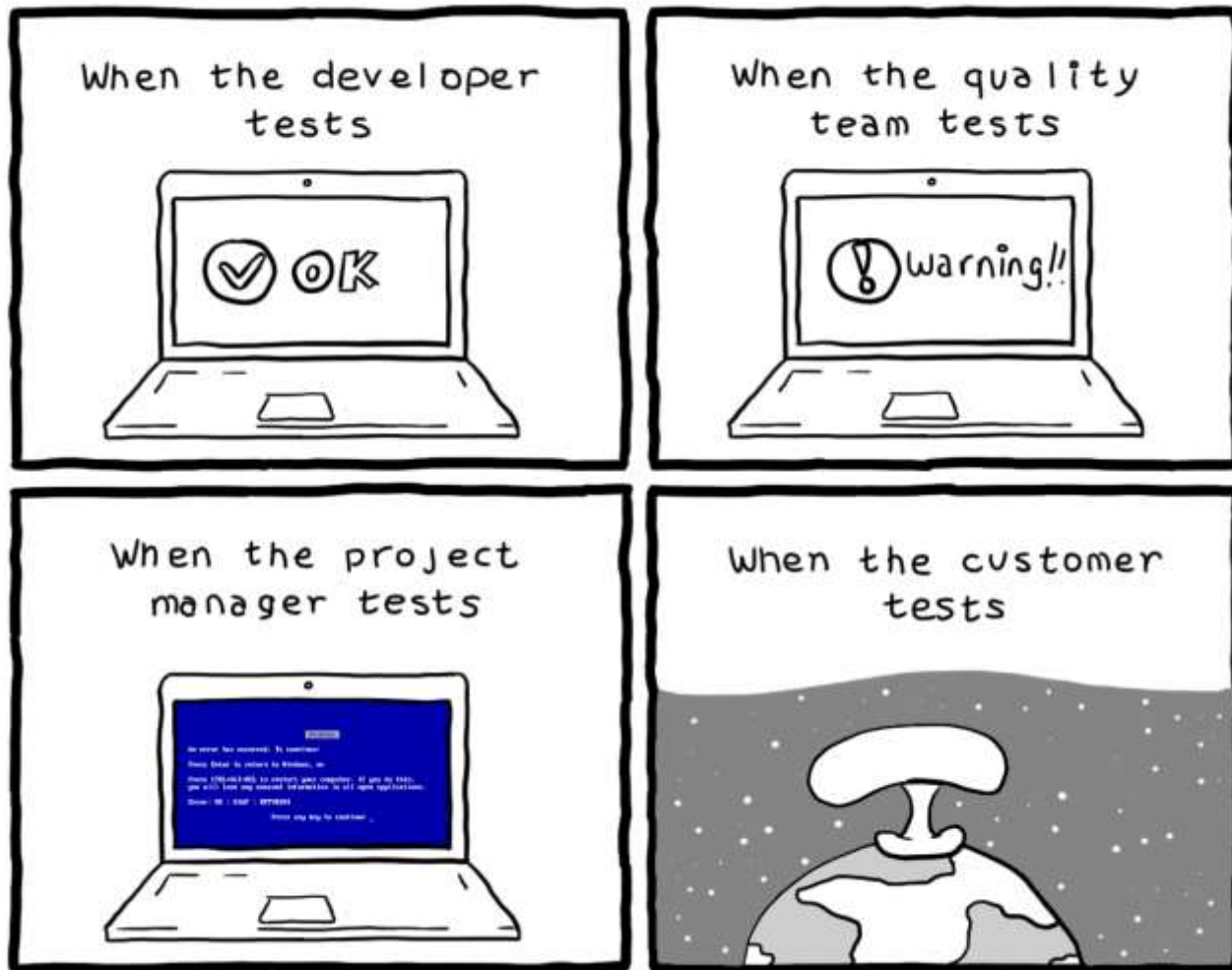




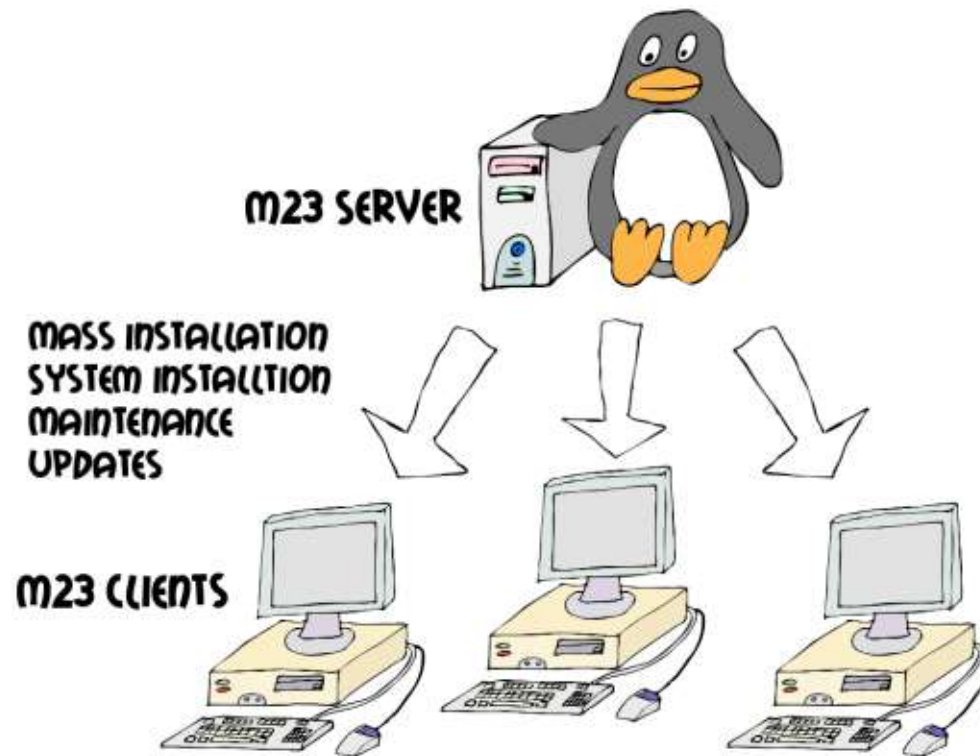
# IMPLEMENTAÇÃO



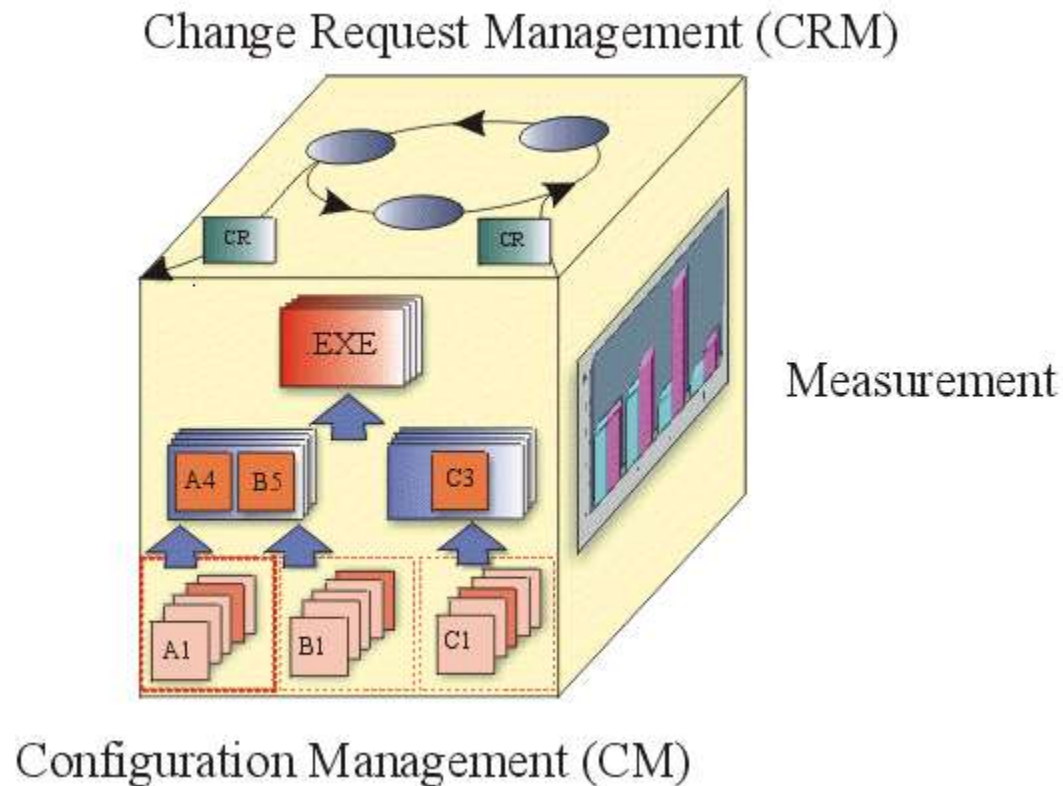
# TESTE



# IMPLANTAÇÃO



# GERENCIAMENTO DE CONFIGURAÇÃO E MUDANÇA



# AMBIENTE





# EUP – ENTERPRISE UNIFIED PROCESS

## Development Disciplines

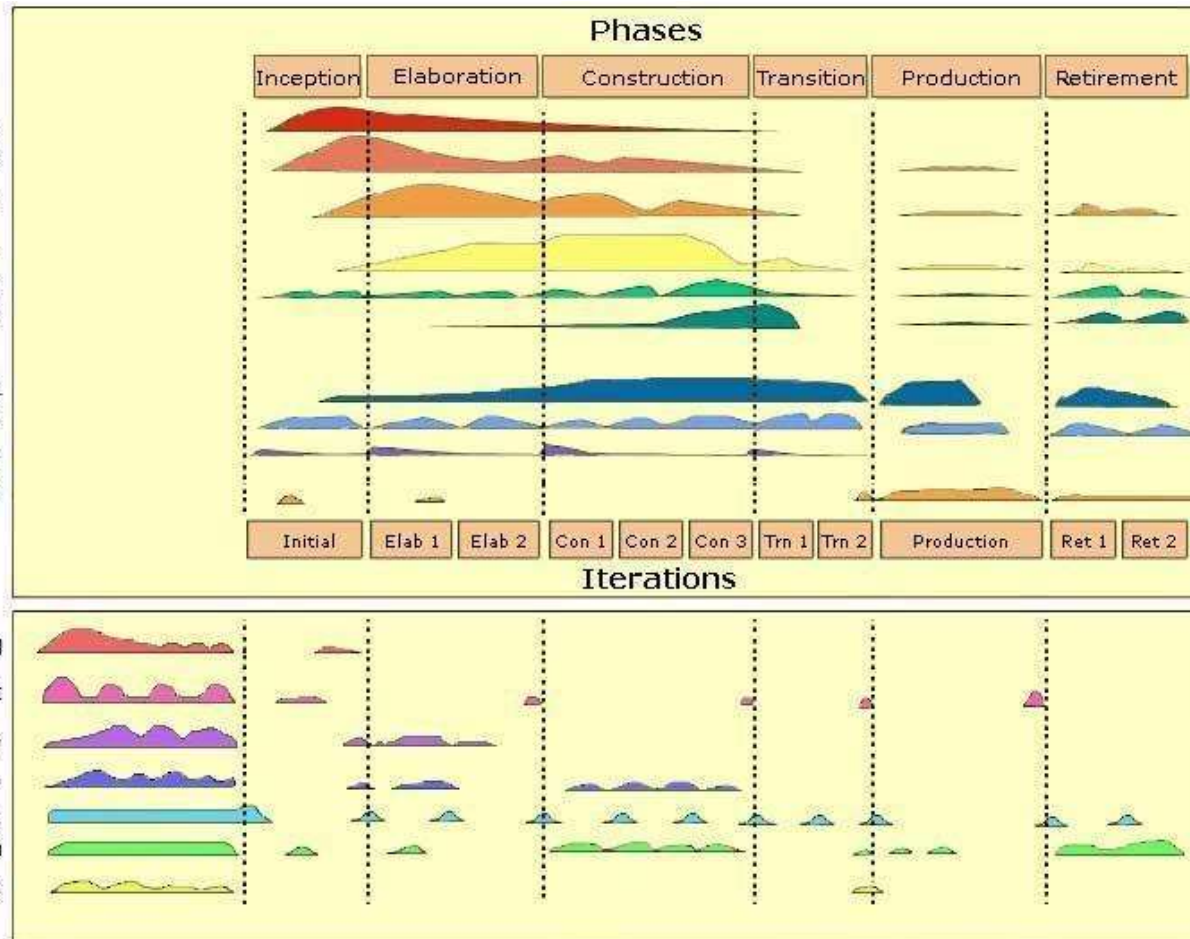
Business Modeling  
Requirements  
Analysis & Design  
Implementation  
Test  
Deployment

## Support Disciplines

Configuration and Change Mgmt.  
Project Management  
Environment  
Operations & Support

## Enterprise Disciplines

Enterprise Business Modeling  
Portfolio Management  
Enterprise Architecture  
Strategic Reuse  
People Management  
Enterprise Administration  
Software Process Improvement

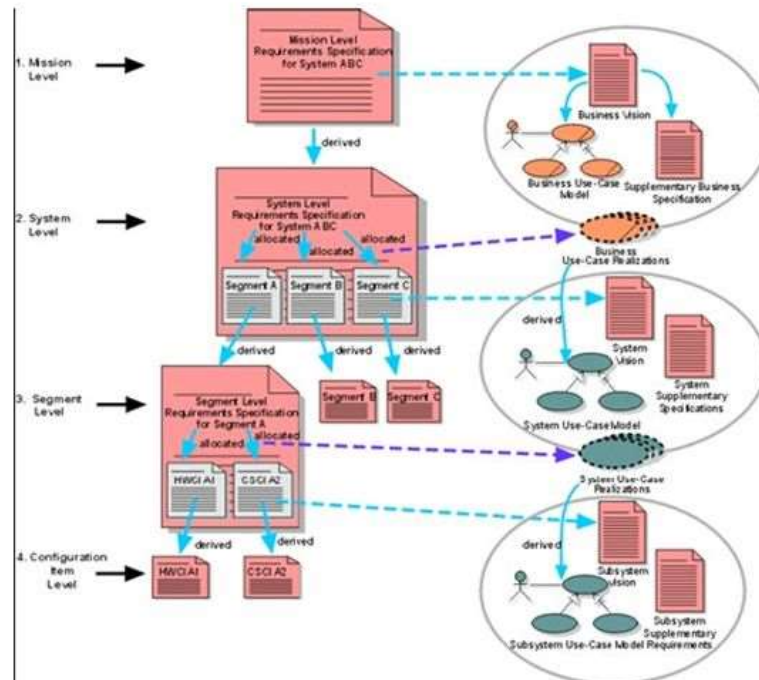


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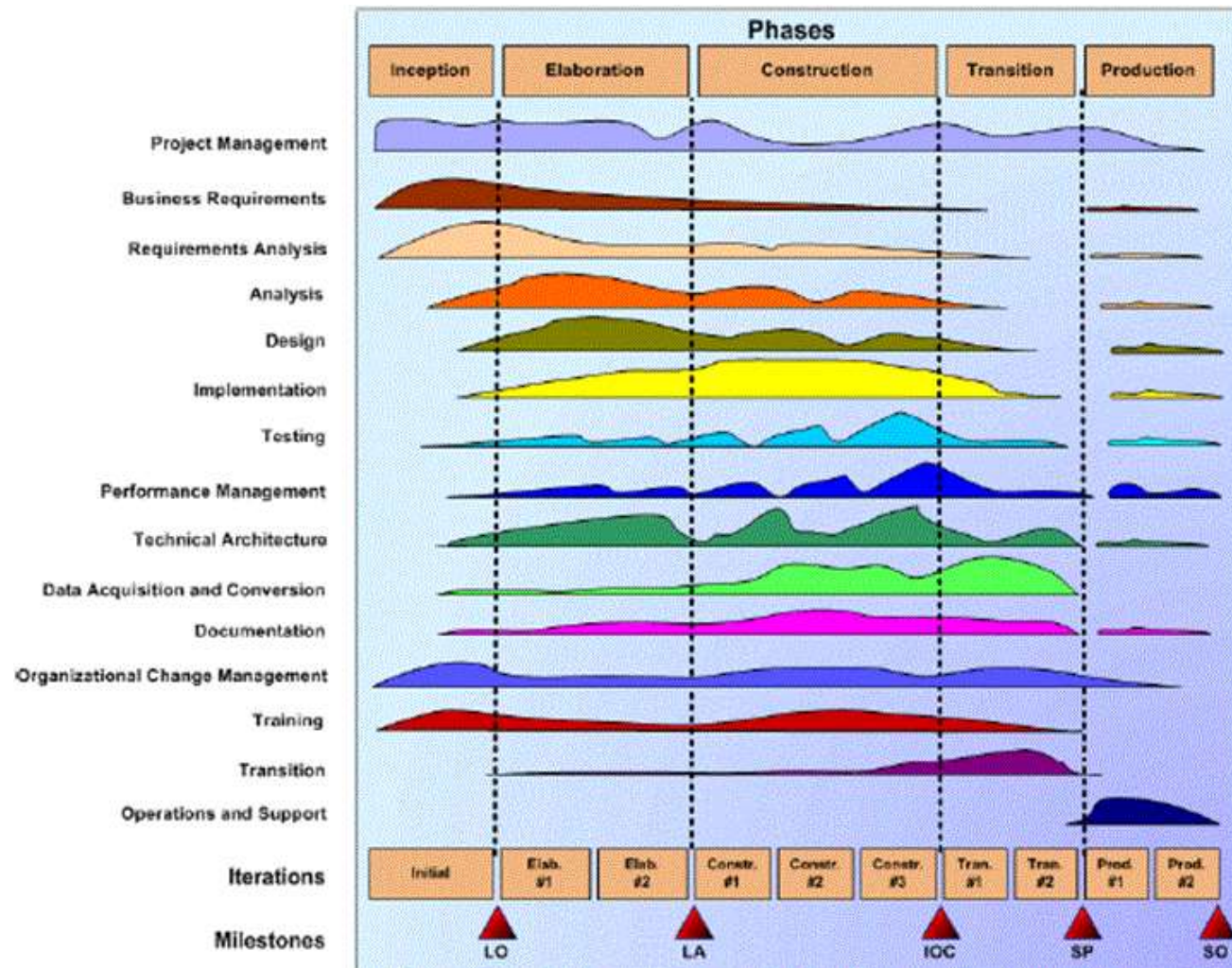
# RUP-SE

## RATIONAL UNIFIED PROCESS—SYSTEMS ENGINEERING



RUP SE Requirements Allocation/Derivation Method

# OUM – ORACLE UNIFIED METHOD



# DAD – DISCIPLINED AGILE DELIVERY



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# OPENUP – OPEN UNIFIED PROCESS

