

Systems Engineering

Table of Contents

Analysis for Decision-Making	1
Introduction to Decision Making Theory	1
Types of Decisions on Business	1
Types of Decisions for Analysis	1
.....	1
Operational Research II	2
Dynamic Programming	2
Markov Chains	2
Game Theory	2
Decision Theory	2
Queueing Theory	2
Non-Linear Programming	2
Prognosis	2
Equipment Replacement Theory	2
Database	2
Ethics & Values	2
Theory	2
Discussion	2
Software Engineering	3
Theory	3
Projects	4
test title	5
second sections	5

Universidad Privada de Santa Cruz de la Sierra — UPSA

Analysis for Decision-Making

Introduction to Decision Making Theory

Types of Decisions on Business

Types of Decisions for Analysis

...

Operational Research II

Dynamic Programming

Markov Chains

Game Theory

Decision Theory

Queueing Theory

Non-Linear Programming

Prognosis

Equipment Replacement Theory

Database

Ethics & Values

Theory

Ethic Type

Ethical Dilemma

Deontology

University Social Responsibility

Discussion

The Engineering of Ethics

Technology and Poverty

Business Strategies

[**The Fate of Pirai**](#)

[**Responsibility**](#)

[**Health, Money and Love**](#)

[**Technology in Times of Cholera**](#)

[**A Multiverse of Solutions**](#)

[**Real Solutions**](#)

[**AEE — Association of Energy Engineers**](#)

[**Principales Debates Éticos sobre la Inteligencia Artificial**](#)

[**Information for Students**](#)

[**Mentimeter Slide**](#)

[**Información para Alumnos**](#)

Software Engineering

Theory

[**Introduction**](#)

[**Software Evolution**](#)

[**Software & Systems**](#)

[**Projects**](#)

[**Process**](#)

[**RUP — Rational Unified Process**](#)

[**Requirements Engineering — Introduction**](#)

[**Requirements Engineering — Process**](#)

[**Requirements Engineering — Analysis**](#)

UML — Unified Modeling Language

Use Case Diagrams

Class Diagrams

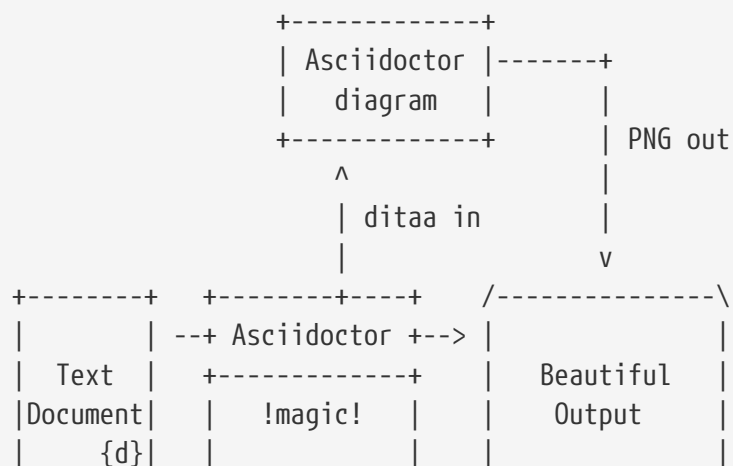
Sequence Diagrams

Projects

First Project Improvements — Requirements Definition

```
@startuml
title
  compra
  |_ (1200, 10)
  |_ (oijwefoij)
  |_ (12,12.32 )
  |_ (1200, 20)
  |_ (1500, 30)
end title
@enduml
```

```
@startuml
title
  compra
  |_ (1200, 10)
  |_ (oijwefoij)
  |_ (12,12.32 )
  |_ (1200, 20)
  |_ (1500, 30)
end title
@enduml
```



```
+---+---+ +-----+ \-----/  
:                ^  
|      Lots of work |  
+-----+          +
```

[Tux] | <https://upload.wikimedia.org/wikipedia/commons/3/35/Tux.svg>

► https://www.youtube.com/watch?v=RvRhUHTV_8k (YouTube video)

test title

preamble

```
public class Test {  
    public static void main(String[] args) {  
        System.out.println("Hello World");  
    }  
}
```

second sections

sdfw

```
from * select * where id = 1  
-- Path: query.sql  
from * select * where id = 2
```