**Engineering Method**

Algorithms and Data Structures

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# Identifying the problem

## Context

## Problem

It is required to identify the relationship of trust within the company. See where it is failing, how this is affecting communication and people who feel more distrust in the company.

## Requirements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Requirements | | | | |
| Requirement | Name | Description | Entries | Result |
| R1 | Load employees | It allows the user to load the employee’s information through a text file provided. | File path | The file is read correctly, and the information is loaded. |
| R2 | Employees diagram | It allows the user to see the diagram of the employees who answered the surveys. | - | The employees are shown respectively. |
| R3 | Show trust levels | It allows the user to see the trust levels between each employee in the company accordingly. | - | The trust among the employees is shown. |
| R4 | Best path company | It allows the user to see the best path that a message could follow throughout the whole company (minimum spanning tree). | Graph G | The best path is shown on the screen. |
| R5 | Best path employees | It allows the user to choose 2 employees and see the best path for them to communicate avoiding conflict or misinterpretation. | Employee e1 and Employee e2 | The best path is shown on the screen and a list of employees representing the path too. |

# Research

In order to address the problem correctly, we might need some concepts.

* Trust:

# Creative Solutions

## Lluvia de ideas

# Preliminary Design

## Rejected alternatives

## Accepted alternatives

# Evaluation and Selection of the best solution

## Criteria

## Evaluation

## Selection

# Reports

# Bibliography

**There are no sources in the current document.**