



INSTITUTO SUPERIOR TÉCNICO

SISTEMAS DE INFORMAÇÃO E BASE DE DADOS SIBD PROJECT - PART 1

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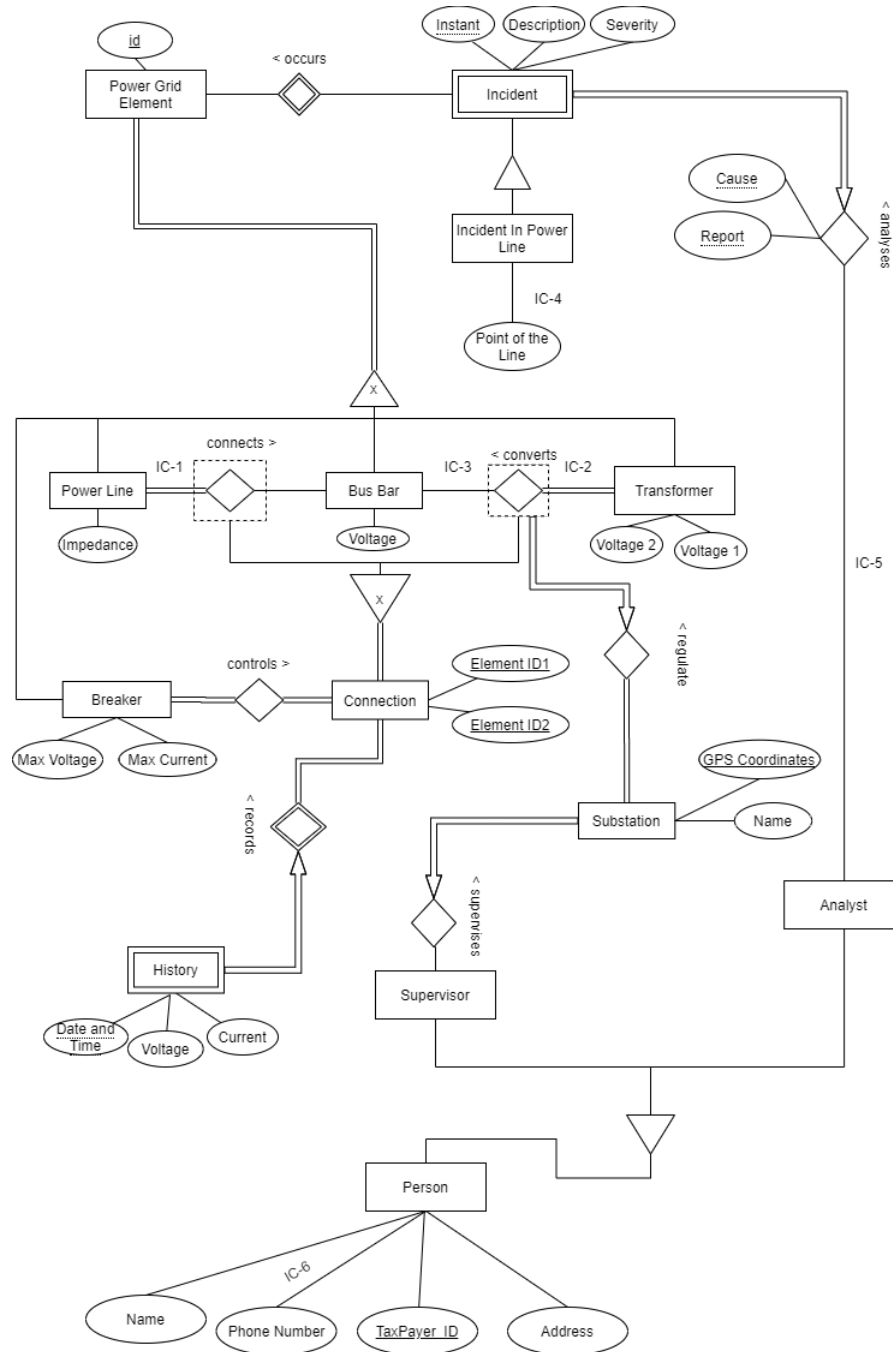
| Element's Number | Relative Percentage | Total Effort (hours) |
|------------------|---------------------|----------------------|
| 90041 | 33.3 | 6 |
| 90105 | 33.3 | 6 |
| 90161 | 33.3 | 6 |

GROUP NUMBER: 17

LAB SHIFT: L07

LAB PROFESSOR: JOÃO GRANADO MARQUES

1 Entity Association Model



2 Integrity Constraints

(IC1) - Each line must have 2 bus bars

(IC2) - Each Transformer must have 2 bus bars

(IC3) - Voltages of Bus bars must match the voltages of transformer

(IC4) - The point must be a decimal number with 3 integer digits and 2 decimals

(IC5) - No person can analyse incidents respecting elements of the substation he/she supervises

(IC6) - Phone numbers are unique