

Deliverable 3

IS 436 Structured System Analysis and Design

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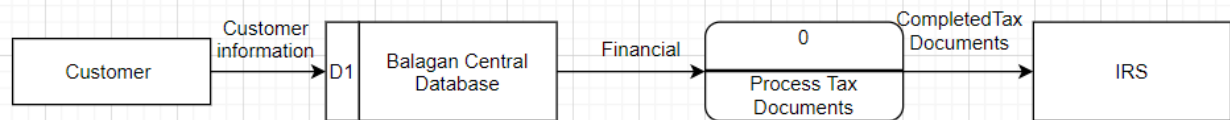
Jackson John

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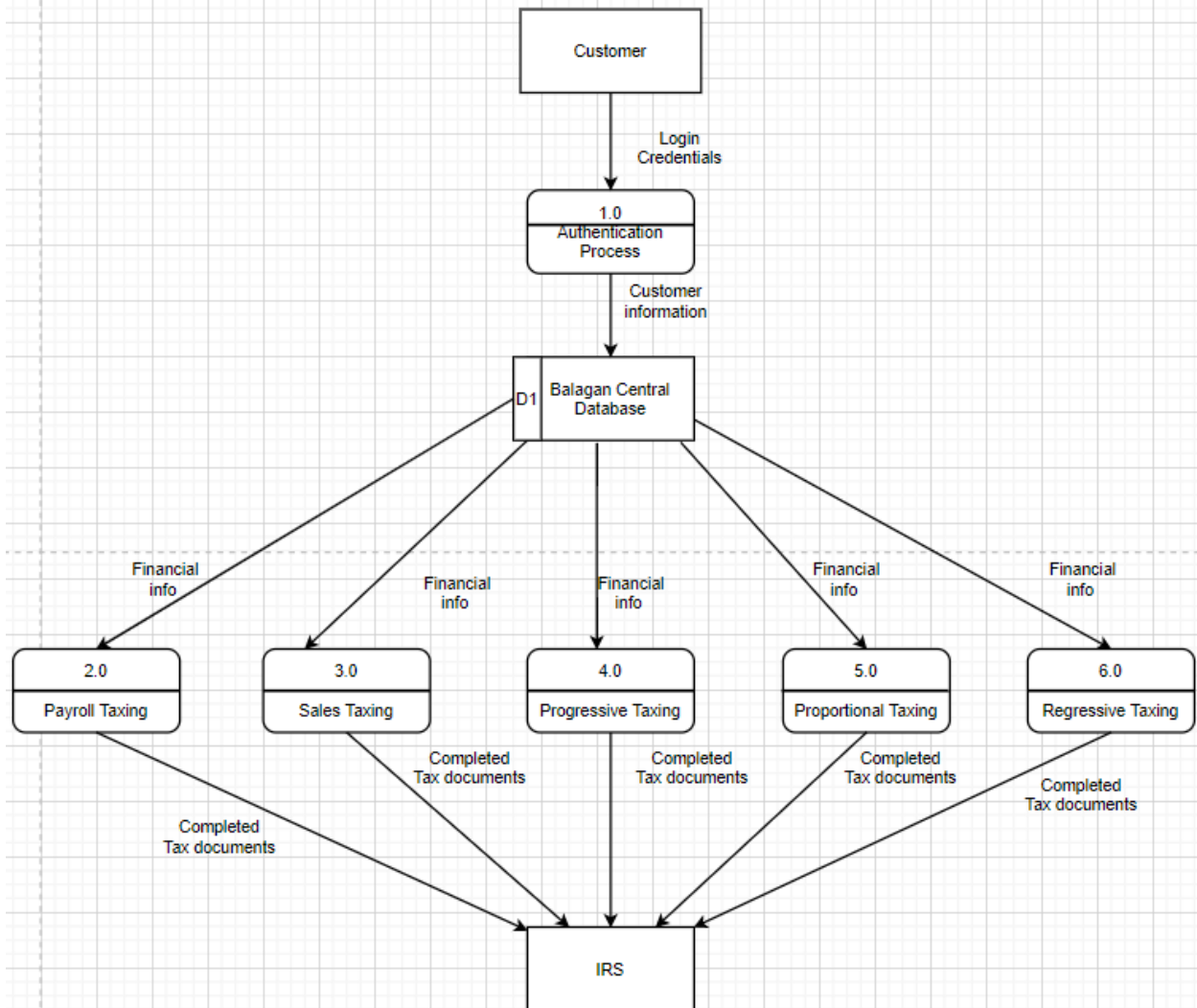
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Data Flow Diagrams:

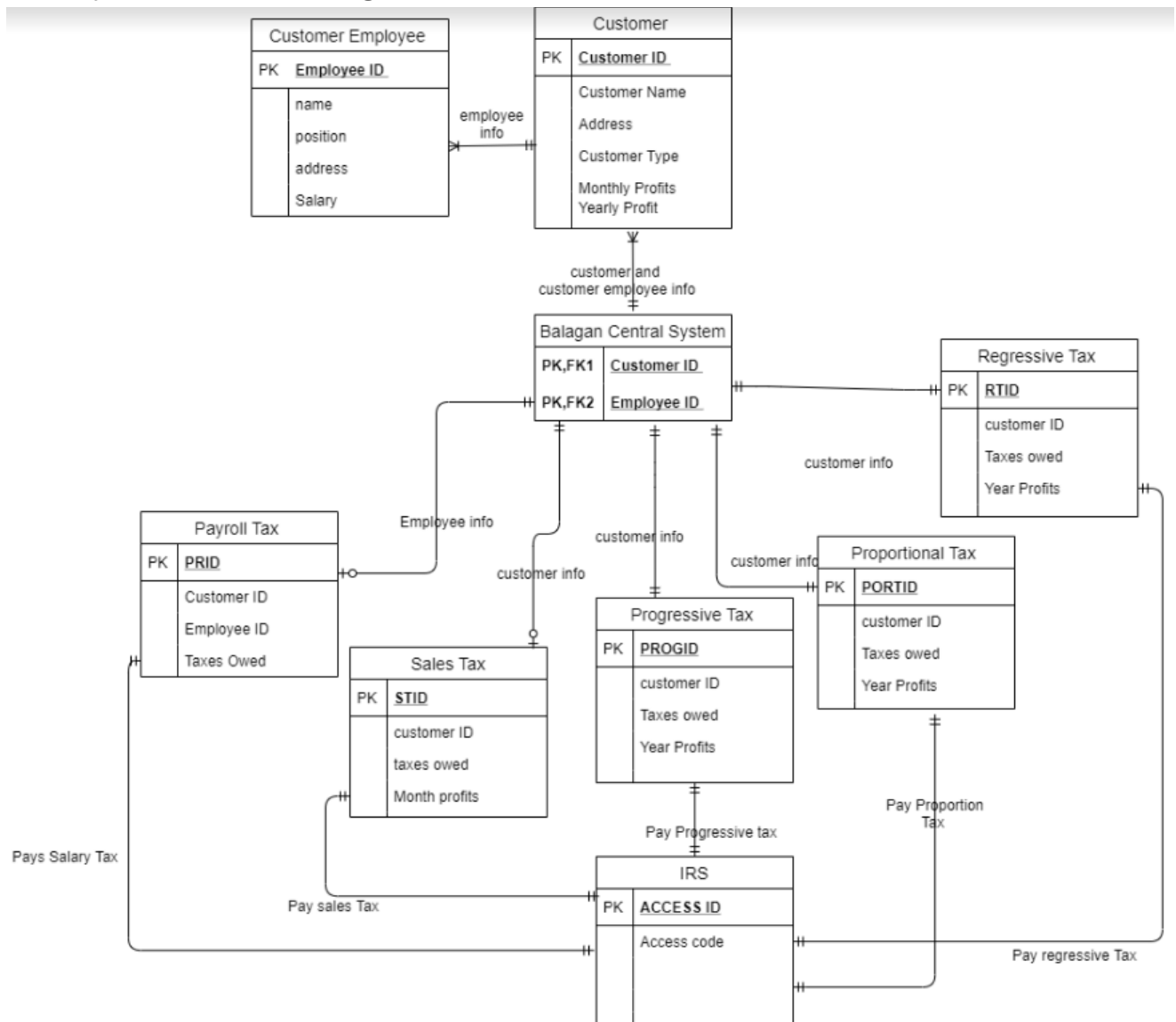
Concept Level Diagram



Level 0 Diagram



Entity Relation Diagram:



ER/DF Diagram Definitions:

- Balagan Central System: This is where customer info is received and stored before being used elsewhere in the system.
- Customer: Customer in this diagram refers to the variety of customers who Balagan serves. All the information used in this diagram comes from the customer. This info refers mostly to financial information. Profits, margin and net worths, all of which are needed to determine final taxes. Note that customers can refer to companies as well as individuals.
- Customer employee: This refers to the employees of the customers, their information is needed to complete the payroll tax.
- IRS: The final destination for the variety of tax info and payments collected and processed in this system.
- Payroll Tax: Taxes that have to do with a company's employees. Either amounts taken out of an employee's salary or taxes paid by the company in relation to the employee. Individuals don't necessarily need to have payroll taxes as some might not have employees.
- Progressive Tax: Taxes in which the richer one is the more one pays.
- Proportional Tax: Flat taxes in which everyone pays the same amount no matter what.
- Regressive Tax: Taxes in which the poor pay more than the rich. The inverse of a progressive tax.
- Sales Tax: Taxes related to the specific sale of goods. Again a thing generally attributed solely to companies and not to individuals.