

Progress Report (Entity Relation Diagram)

CPSC 471 Team 1

Due October 11, 2019

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Entities – Attributes

PERSON	- <u>Name</u> (First Name, Last Name), <u>SIN</u> , Address (Street, City, Postal Code), Phone Number
CLIENT	- <u>Name</u> (First Name, Last Name), <u>SIN</u> , Address (Street, City, Postal Code), Phone Number
WORKER	- <u>Name</u> (First Name, Last Name), <u>SIN</u> , Address (Street, City, Postal Code), Phone Number
DESIGNER	- Name (First Name, Last Name), SIN, Address (Street, City, Postal Code), Phone Number, Experience, Specialization
EMPLOYEE	- <u>Name</u> (First Name, Last Name), <u>SIN</u> , Address, Phone Number
MANAGER	- <u>Name</u> (First Name, Last Name), <u>SIN</u> , Address, Phone Number
SUPPLIER	- Location, <u>Name</u>
SUPPLY	- Brand, Type, Colour, Size, Durability, Cost
ORDER	- <u>OrderNumber</u> , Quantity, Cost, Date
ARTWORK	- Size, Colours, Format
INSTALLATION	- Location, Substrate
INVOICE	- <u>InvoiceNumber</u> , Cost, Date, Status

Entities – Relationships

Manager	Communicates_with	Customer
Manager	Creates	Order
Manager	Orders	Supply
Supplier	Carries	Supply
Employee	Collects_from	Supplier
Order	Has	Artwork
Designer	Creates	Artwork
Employee	Prepares	Order
Employee	Does	Installation
Order	Has	Invoice
Client	Pays	Invoice

Entity-Relationship Diagram

