



# CoogNet

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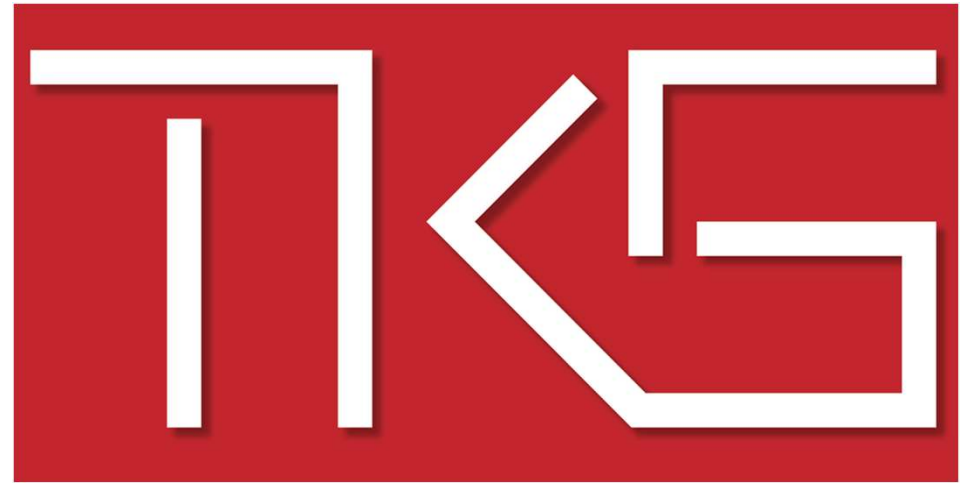
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Aidahta Natama · Trent Jones · Eduardo Tostado

CIS 3365 – fall '19

# Outline



- Our Client
- Background
- Client organization objective list
- Current system problem description
- System Proposal
- Required Feasibility Analysis
- ERD Demonstration
- Demonstration of project
- ERD design decision
- Questions



**OUR CLIENT: TKS STUDIOS**

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# Background

- TKS is a construction and design company
- TKS is known for Kitchen, Bathroom construction
- Founded in august 2018 as TKS STUDIOS
- By 2019, TKS had 30 projects so far
- Became Accredited by the BBB, GHBA, TAB, NAHB and The HDP



# Client Organization Objective List

Over the next five years, our client wants to:

1. Increase productivity (\$100,000 to \$500,000 projects)
2. Add employees
3. Receive more referrals
4. Increase profit by \$50,000 each year





## Current System Problem Description

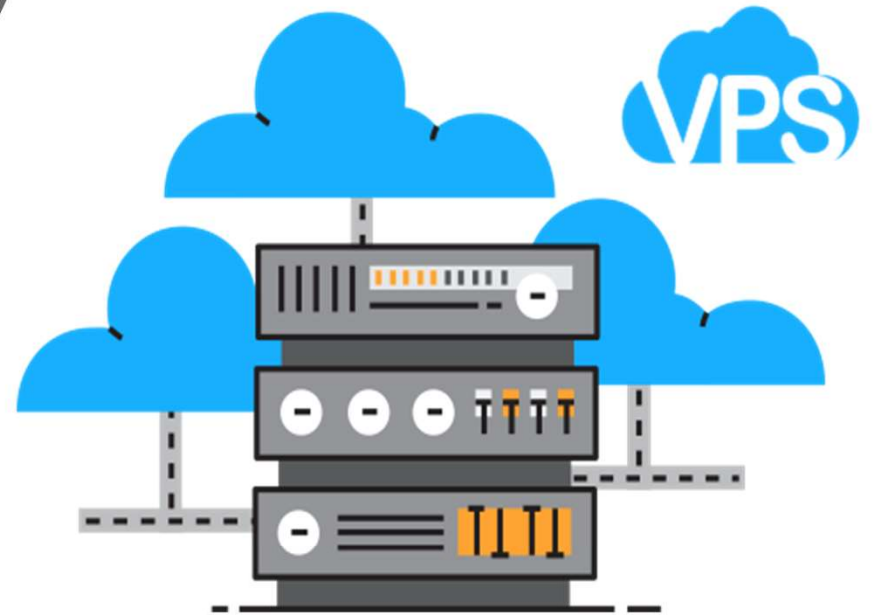
- Unable to export data from Buildertrend application to create an invoice.
- No existing database to be able to store all information locally. It is all stored on the Buildertrend application.
- Insufficient tracking and record keeping of data.
- Paper-based and human-memory format are stifling organizational growth.
- New employee has difficulty accessing records and data due to paper system.



# Systems Proposal

## Option 1: Virtual Private Server Hosting

- **Pros:**
  - No upfront hardware costs
  - Headache-free expansion options
  - Cheapest option
- **Cons:**
  - Must be handled by a dedicated IT employee
  - Less control over data



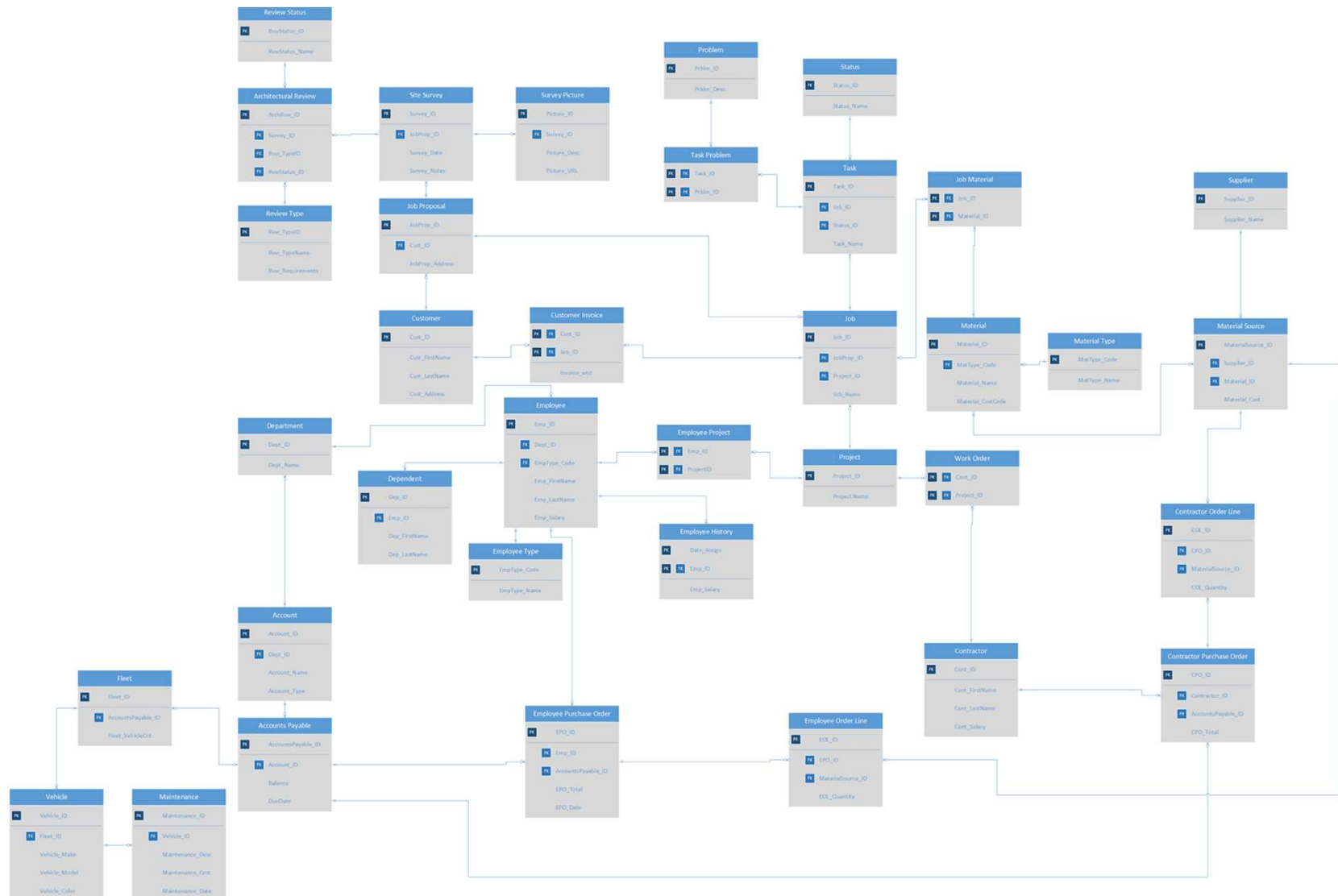
# Required Feasibility Analysis

- **Technical**
  - SQL server
  - Virtual Private Server host
  - CoogNet does not foresee any technical issues.
- **Operational**
  - Mobile accessibility with user friendly application
  - Easy to learn
  - TKS will have the responsibility of encouraging the use of the system





# ERD DEMONSTRATION

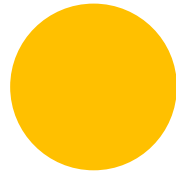
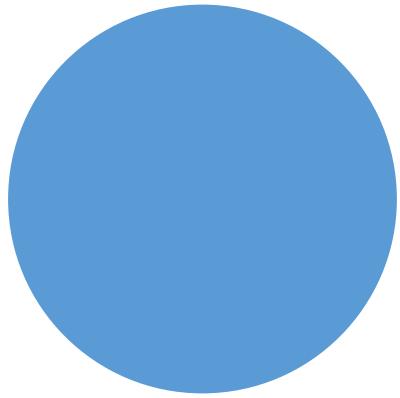


# Data Dictionary

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# DEMONSTRATION OF PROJECT



# ERD DESIGN DECISIONS

**QUESTIONS?**

