



CONESTOGA

Connect Life and Learning

Student Name: Ramon Baiao Varun Kummar Dommaraju Peter Ogedegbe Moyo Adenuga	
Deliverable:	Exercise 5
Course Name:	Business Data Analysis

Date Assigned:	Class 15 (05-Oct-2017)
Date Due:	Class 16 (12-Oct-2017)
Rules:	

ERD CDL Shipping

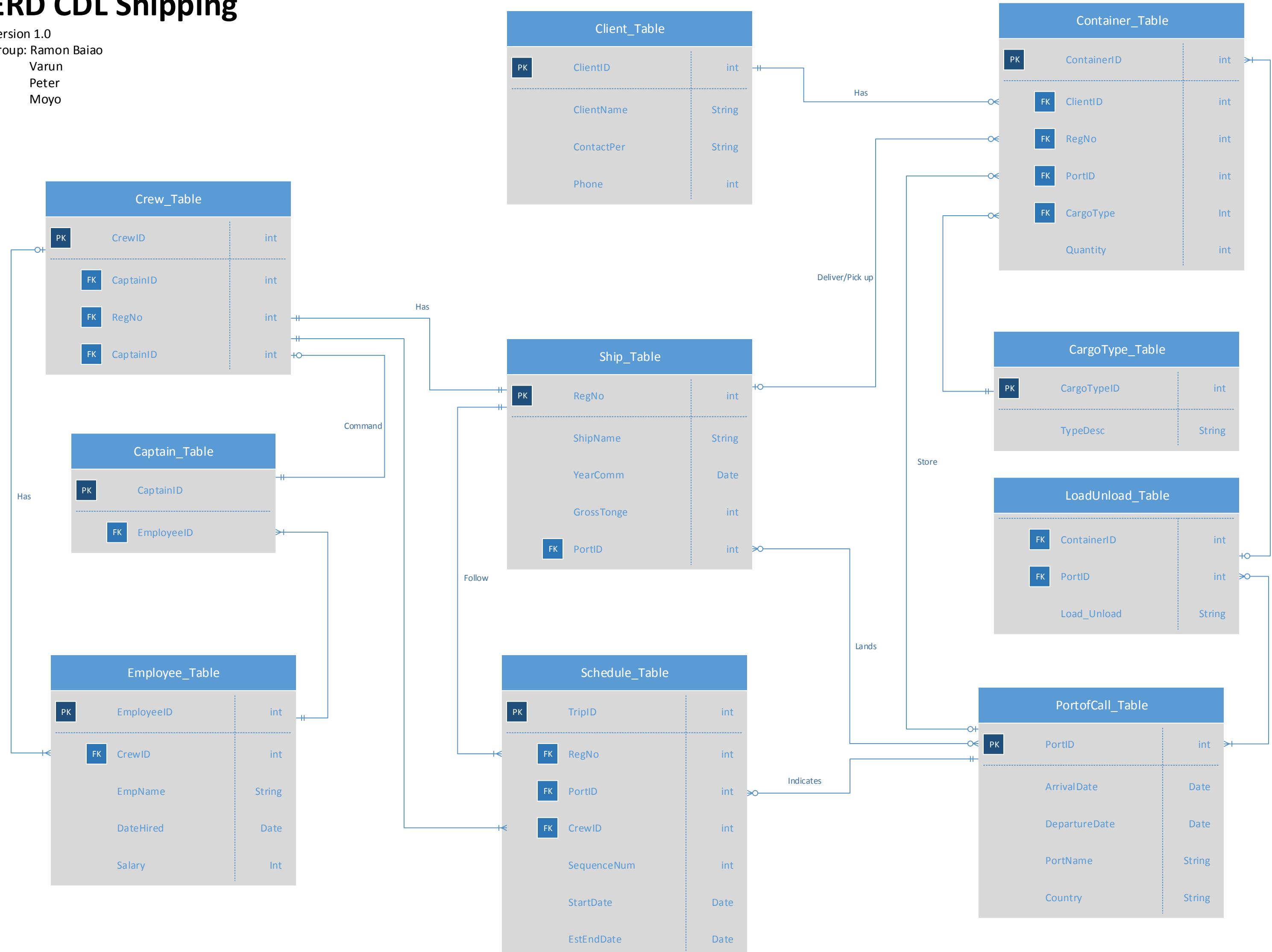
Version 1.0

Group: Ramon Baiao

Varun

Peter

Moyo



CDL SHIPPING CASE USE

Business Data Analysis

Exercise 5

Team: Ramon Baiao

Varun Kumar Dommaraju

Moyo Adenuga

Peter Ogedegbe

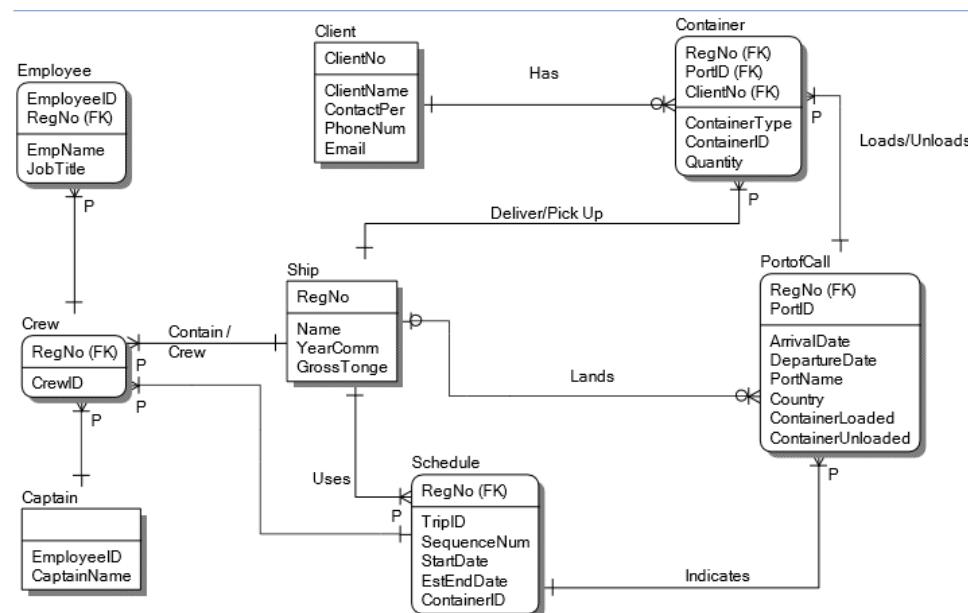


INTRODUCTION

- Conestoga Design Shipping Fleet
 - Ships
 - Clients
 - Containers
 - Crew
 - Employees
 - Port
 - Schedule
- Problems
- Solutions
- Conclusion



OVERVIEW



Produced by: Your friend Billy Bob!



PROBLEMS

- Relationships:
 1. Tables Not linked
 2. Wrong Cardinalities
- No Convention Names
 1. Tables Names
 2. Column's Names.
- Normalization issues.
 - Captain Table
 - Port Table
 1. ContainerUnloaded Column
 2. ConteinerLoaded Column
- Crew Problem
- Cargo Problem



SOLUTION

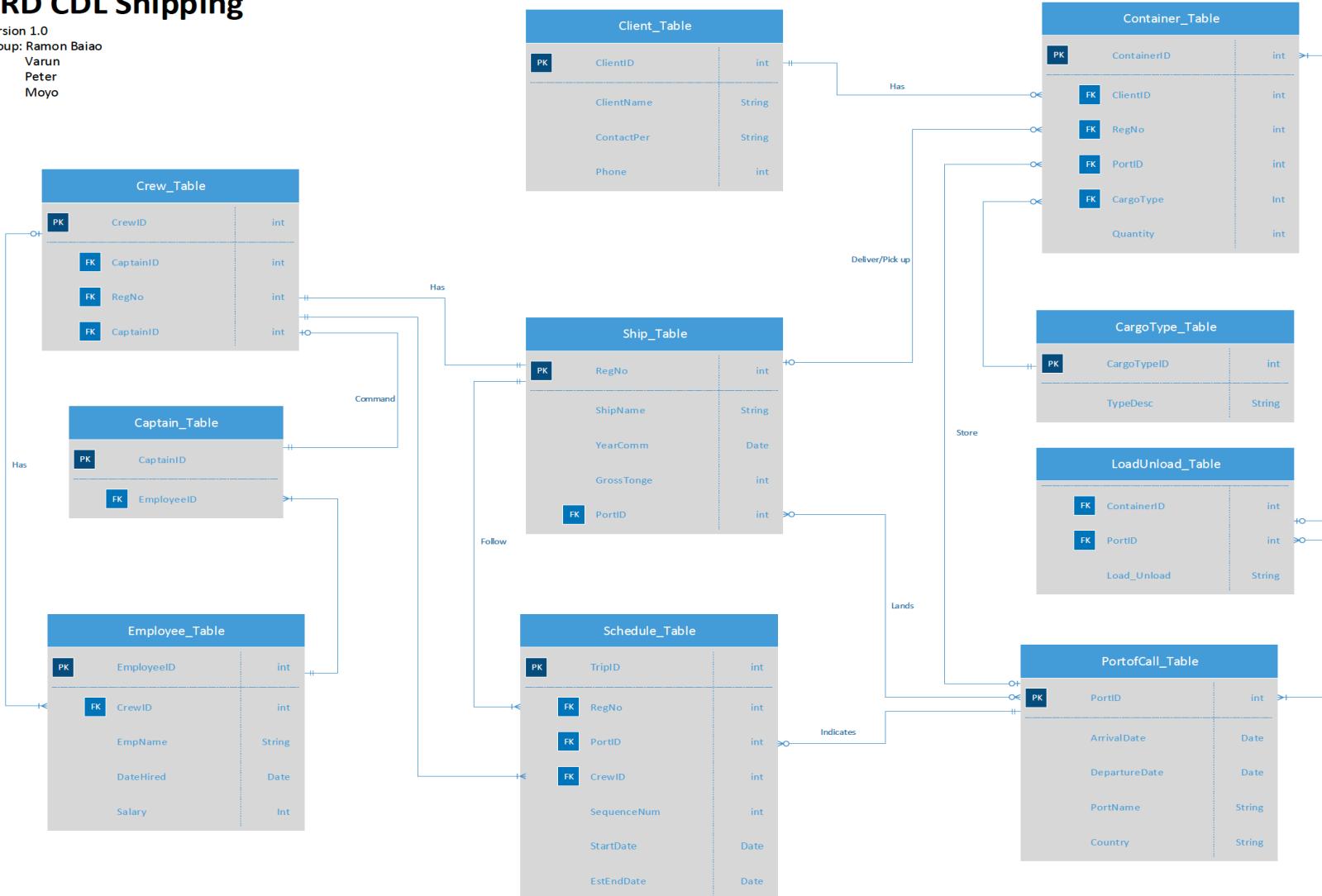
- Corrected Relationships
- Naming Conventions
 - 1. Table's names
 - 2. Column's names
- Aggregated Table Captain
- Aggregated Table Load/Unload
- Crew Solution
- Cargo Solution



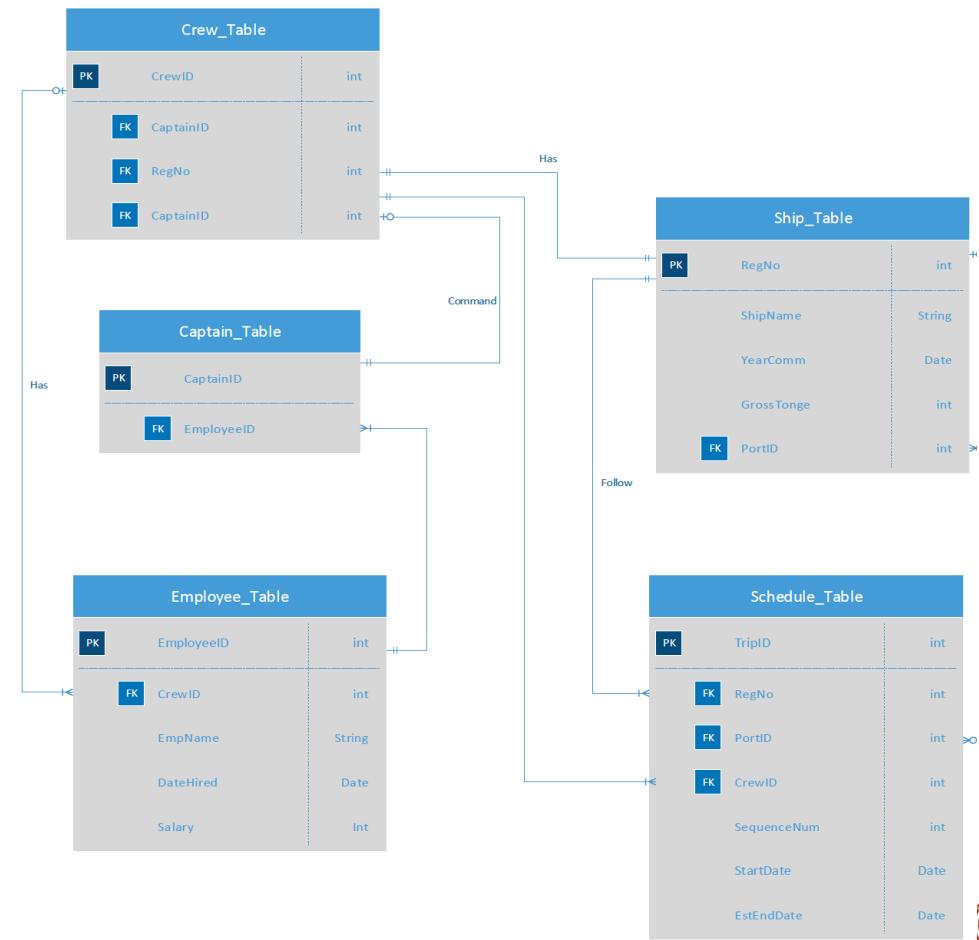
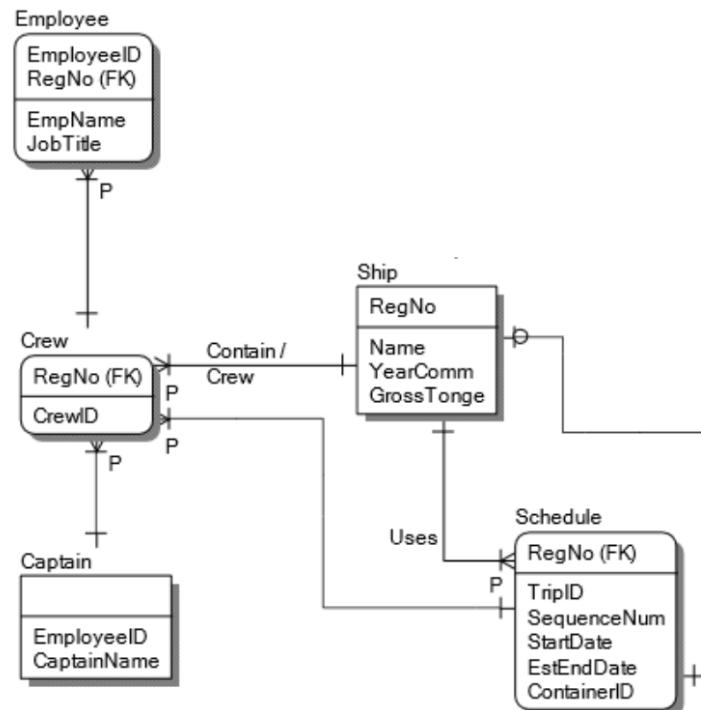
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ERD CDL Shipping

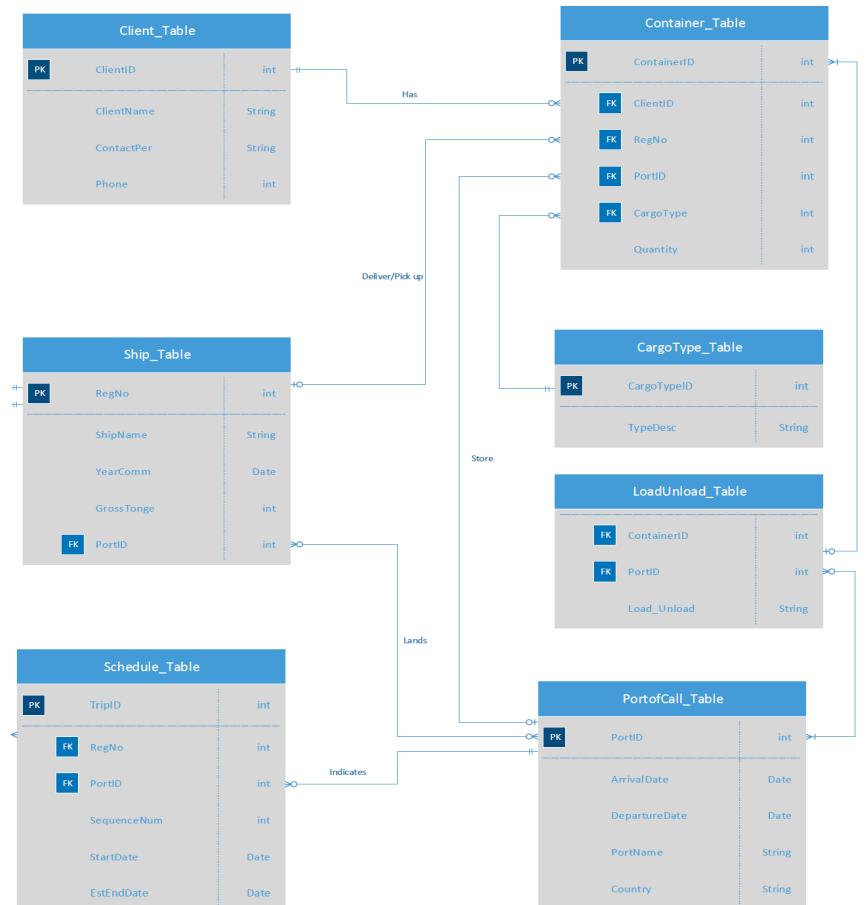
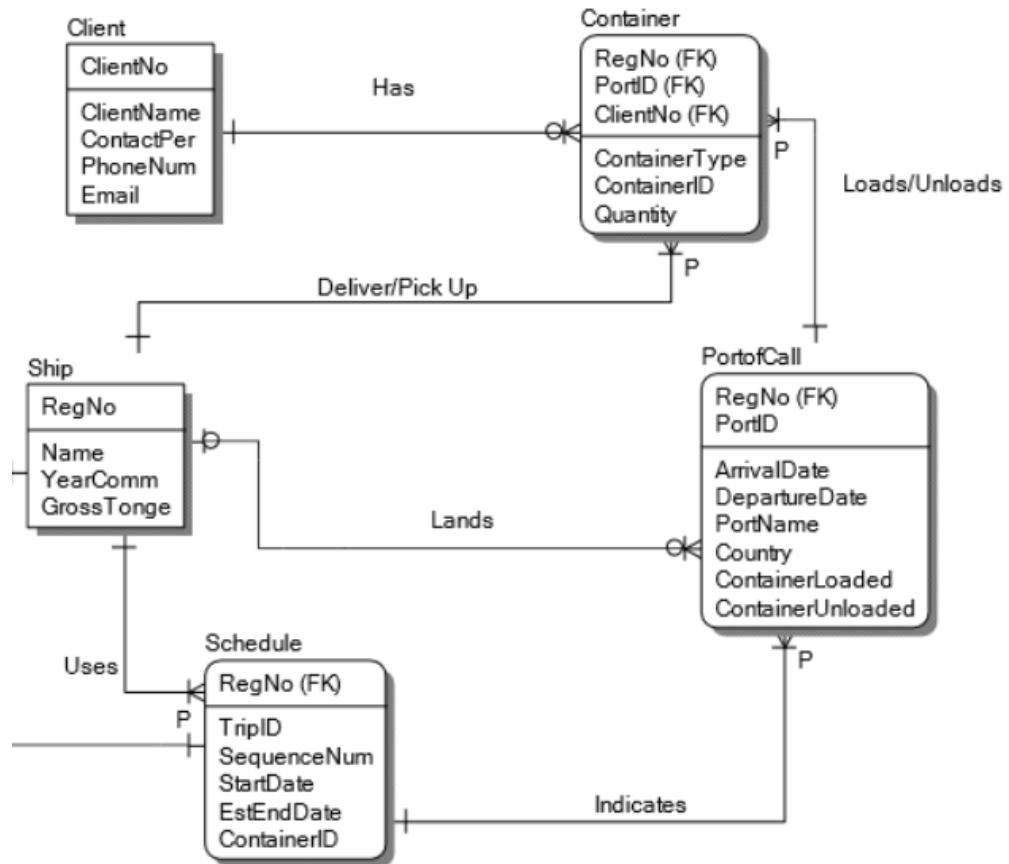
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CREW SOLUTION



CARGO SOLUTION



THANK YOU!

