

CNIT 272 Phase 2

DataTech Database

Team 11:

Pranav Bhusari

Scott Luntz

Myles Lesser

Matthew Quigley

Justin Walshager

Date: Apr 12, /2019

Table of Attendance

Names	Meetings Attended
Pranav Bhusari	Initial meeting, Final Meeting
Justin Walshager	Initial meeting, final meeting
Myles Lesser	Initial meeting, final meeting
Matt Quigley	Initial meeting, final meeting
Scotty Luntz	Initial meeting, final meeting,

Initial Meeting

Date: Tuesday, Apr 2nd, 2019 Time: 1:20 PM

Duration: 15 minutes

Method of collaboration: In person

Agenda for meeting: Delegate tasks

Final Meeting

Date: Thursday, April 11th, 2019

Time: 12:00 pm

Duration: 5 minutes

Method of collaboration: In person

Agenda for meeting: Present deliverable to group

Project Contribution Chart

Tasks	Myles Lesser	Scott Luntz	Pranav Bhusari	Matt Quigley	Justin Walschlager
Logical Database Design		X	X		
Meeting organization			X	X	
Relational Database Design			X		X
Documentation		X	X		
SQL tables	X		X	X	
Initial DDL Generation (automated)			X		X
Database population			X		
DDL Nullable Parent Child Debug	X	X	X	X	
Database Testing		X	X		X
Version control	X		X	X	
Refactoring			X		

Description of choice of naming standards

For the entities, we chose to name them with all capitals and underscores and the attributes are all capitals without underscores. Technically this does not matter because dataGrip automatically generates the DDL script and insert statements from csv tables. Furthermore, all of the DDL code and inserts themselves were handled by the GUI so there was no need to put effort into a consistent naming standard in the first place.

As well, Oracle SQL is not case sensitive, so there is no distinction between capital and lowercase characters.

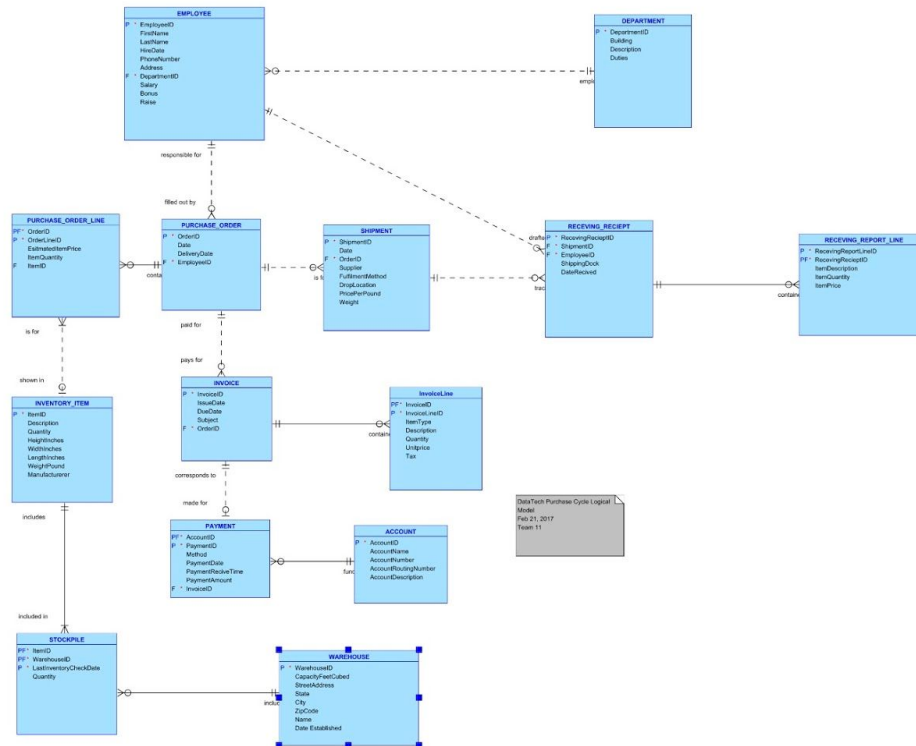
Methodology Note

Instead of using sql developer, we used dataGrip. This is because of sensible DDL generation, a better text environment, support for csv to insert statement conversion, and practical VCS integration.

The syntax is a bit different, the auto generated scripts use "/" to delimit lines.

Entity Relationship Diagram

Logical Model:



Relational Model:

