John Haney

COSC 641- Database Systems II

Spring 2021

Frostburg State University

# Blockchain Finance

# Database Final Project COSC 641 Part 1a

**Chapter 1**

1. Employee\_data

create view EMPLOYEE\_DATA as

select

distinct nvl(b.fname, '') || ' ' || nvl(b.mname, '') || ' ' || nvl(b.lname, '') as "name of employee",

b.street || ' ' || b.city || ', ' || b.city || ' ' || b.state as "address",

b.zip as "Zip code of Employee Address",

b.ssn as "SSN",

b.jobtitle as "Title",

to\_char(sysdate, 'YYYY') as "current year",

(select c.salary

from EMP\_ANNUAL\_DATA c

where c.year <= to\_char(sysdate, 'YYYY')

and c.empid = b.empid

and rownum = 1) as "current yearly salary",

(select c.taxdeduction

from EMP\_ANNUAL\_DATA c

where c.year <= to\_char(sysdate, 'YYYY')

and c.empid = b.empid

and rownum = 1) as "current year tax deduction",

(select g.branchstartdate

from branch\_employee g

where g.empid = b.empid) as "Date employee was hired",

b.dob as "birth date",

trunc(((sysdate - b.dob)/365.25),0) as "age",

br.phoneext as "branch phone extension",

(select NVL(e.branchphone, 'no number availible')

from branch e

where e.branchid = br.branchid) as "phone number",

(select m.b\_name

from branch m

where m.branchid = br.branchid) as "branch name",

b.degree as "as highest degree earned",

b.degreedate as "date earned degree"

from Bank\_employee b

left join EMP\_ANNUAL\_DATA a

on b.empid = a.empid

left join branch\_employee br

on br.empid = b.empid

where b.ssn is not null;

SELECT \*

FROM EMPLOYEE\_DATA;



