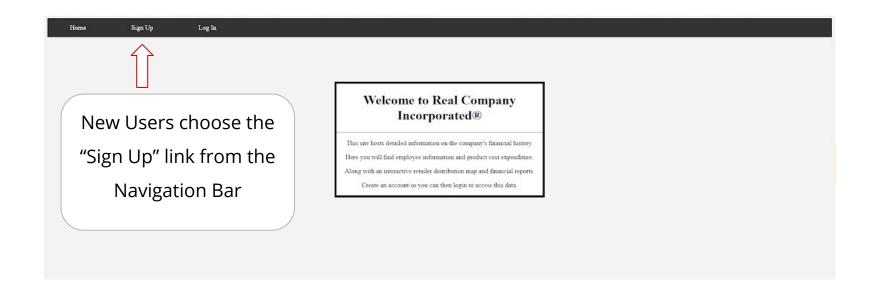
Real Company Inc.

Michael Sullivan

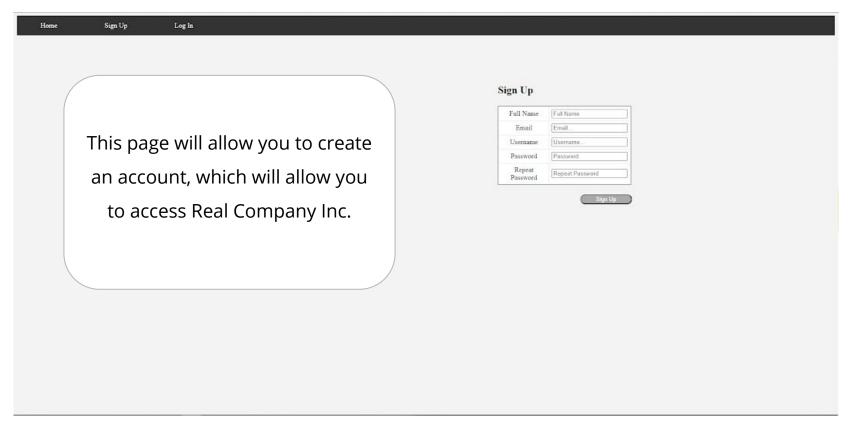
Feature List

- Sign in System
- Navigation Bar
- Retailer Map
- Employee Database
- Employee Search
- Interactive Employee Report
- Interactive Project Report

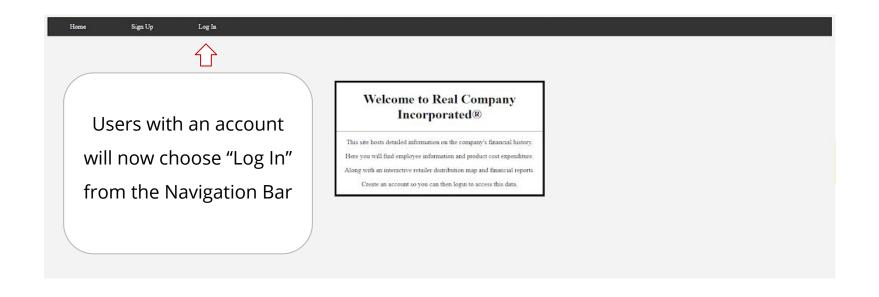
Sign in System 1-4



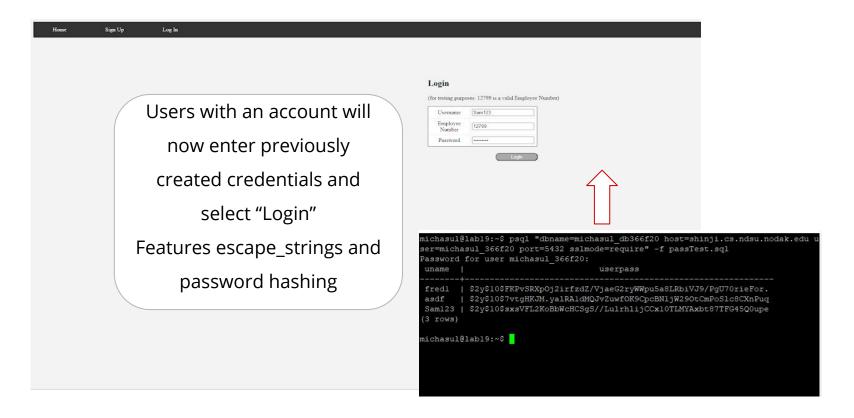
Sign in System 2-4



Sign in System 3-4



Sign in System 4-4



Home Page



Business Search Engine

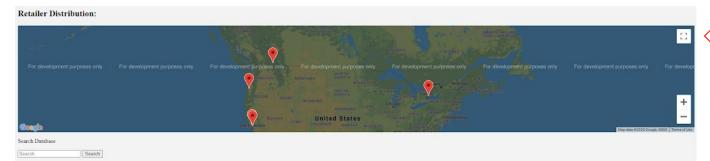
All Employees:

Number	Birth Date	First Name	Last Name	Gender	Hire Date
11777	1969-09-20	Amber	Chicotti	F	2008-05-06
11892	1993-04-06	Chrystal	Sharpless	F	2006-07-20
17976	1978-10-12	Magdalene	Somerscales	F	2011-10-30
14999	1989-03-21	Agretha	Jessen	F	2012-10-02
15371	1967-02-06	Edd	Mance	M	2013-06-11
11566	1992-01-16	Latisha	Bridie	F	2008-12-07
12168	1975-02-22	Sonia	Jozef	F	2016-04-09
17061	1974-07-06	Merrili	Dougliss	F	2010-06-08
12178	1981-10-13	Shel	Allport	F	2017-09-07
19390	1980-01-04	Shannan	Jua	M	1999-12-12
10368	1989-02-21	Perceval	Gallagher	M	2007-11-08
18556	1983-05-18	Kain	Shewan	M	2012-11-22
15619	1992-05-07	Lane	Cosh	M	2013-02-24
17193	1977-08-25	Javne	Dmiterko	F	2010-08-25

Cost Analysis of Company:

Link to Employee Report Link to Project Report

Interactive Retailer Map 1-2



Business Search Engine

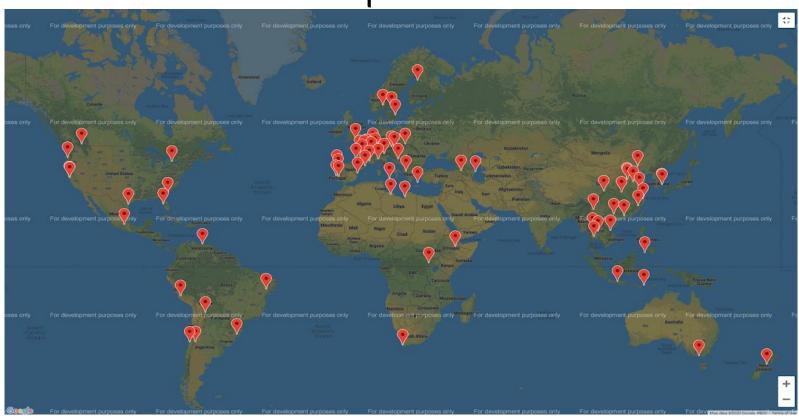
All Employees:

Number	Birth Date	First Name	Last Name	Gender	Hire Date	
11777	1969-09-20	Amber	Chicotti	F	2008-05-06	
11892	1993-04-06	Chrystal	Sharpless	F	2006-07-20	
17976	1978-10-12	Magdalene	Somerscales	F	2011-10-30	
14999	1989-03-21	Agretha	Jessen	F	2012-10-0	
15371	1967-02-06	Edd	Mance	M	2013-06-1	
11566	1992-01-16	Latisha	Bridie	F	2008-12-0	
12168	1975-02-22	Sonia	Jozef	F	2016-04-0	
17061	1974-07-06	Merrili	Dougliss	F	2010-06-0	
12178	1981-10-13	Shel	Allport	F	2017-09-0	
19390	1980-01-04	Shannan	Jua	M	1999-12-1	
10368	1989-02-21	Perceval	Gallagher	M	2007-11-0	
18556	1983-05-18	Kain	Shewan	M	2012-11-2	
15619	1992-05-07	Lane	Cosh	M	2013-02-2	
17193	1977-08-25	Jayne	Dmiterko	F	2010-08-23	

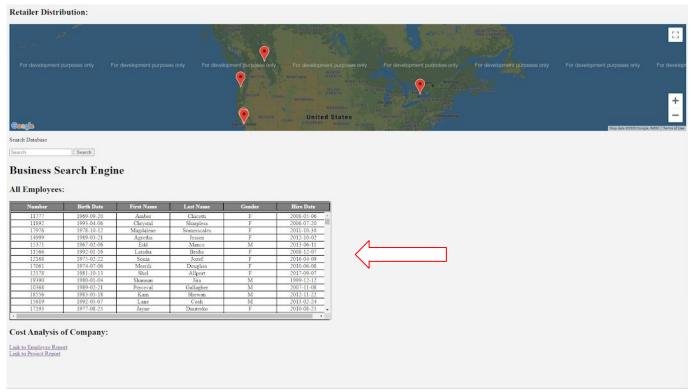
Cost Analysis of Company:

Link to Employee Report Link to Project Report

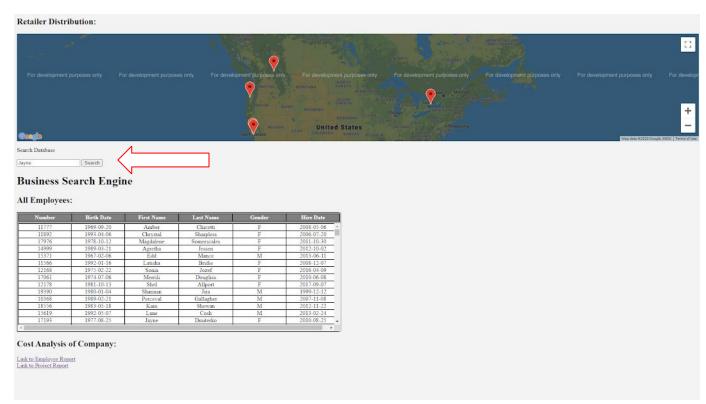
Interactive Retailer Map 2-2



Employee Database



Employee Search 1-3



Employee Search 2-3



Search results will return a match based on first name or last name and will output any matching results with their respective first name, last name, or employee number.

Employee Search 3-3

Real Company inc.

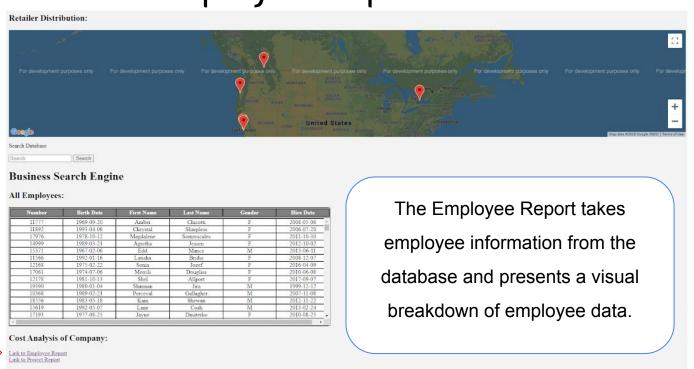
Result(s). Home

Here is employee number 17193's salary history.

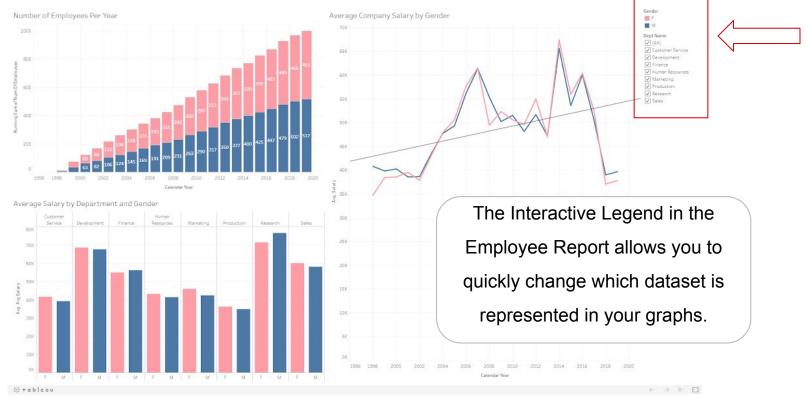
Number	First Name	Last Name	Gender	Raises	Salary	Dept. Name
17193	Jayne	Dmiterko	F	2010-08-25	35796.00	Marketing
17193	Jayne	Dmiterko	F	2015-05-23	40366.00	Marketing
17193	Jayne	Dmiterko	F	2016-12-27	42489.51	Marketing

By clicking on one of the results, you are able to view the employee's salary history. This view gives you information on when the raise was given and what the updated salary is.

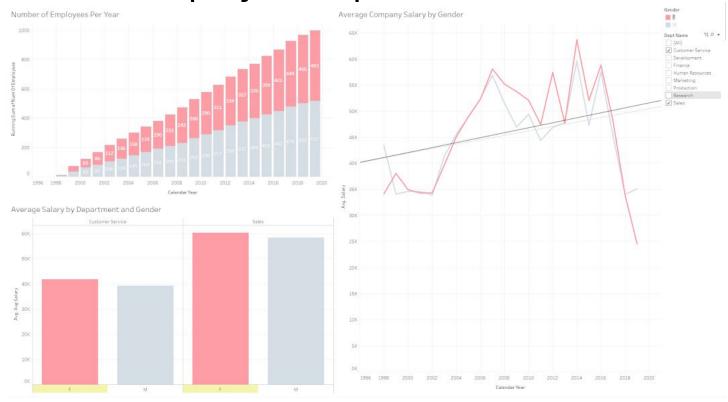
Interactive Employee Report 1-4



Interactive Employee Report 2-4



Interactive Employee Report 3-4

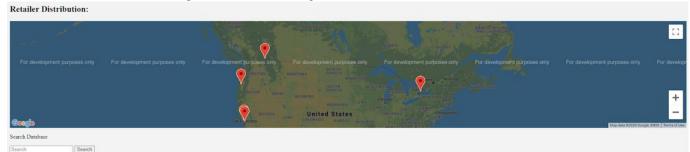


Interactive Employee Report 4-4



Note that by hovering the cursor over individual properties, relevant data will be displayed.

Interactive Project Report 1-3



Business Search Engine

All Employees:

Number	Birth Date	First Name	Last Name	Gender	Hire Date
11777	1969-09-20	Amber	Chicotti	F	2008-05-06
11892	1993-04-06	Chrystal	Sharpless	F	2006-07-20
17976	1978-10-12	Magdalene	Somerscales	F	2011-10-30
14999	1989-03-21	Agretha	Jessen	F	2012-10-02
15371	1967-02-06	Edd	Mance	M	2013-06-11
11566	1992-01-16	Latisha	Bridie	F	2008-12-0
12168	1975-02-22	Sonia	Jozef	F	2016-04-09
17061	1974-07-06	Merrili	Dougliss	F	2010-06-08
12178	1981-10-13	Shel	Allport	F	2017-09-0
19390	1980-01-04	Shannan	Jira	M	1999-12-1
10368 18556 15619	1989-02-21	Perceval	Gallagher	M	2007-11-0
	1983-05-18 1992-05-07	Kain	Shewan	M	2012-11-2
		Lane	Cosh	M	2013-02-2
17193	1977-08-25	Javne	Dmiterko	F	2010-08-25

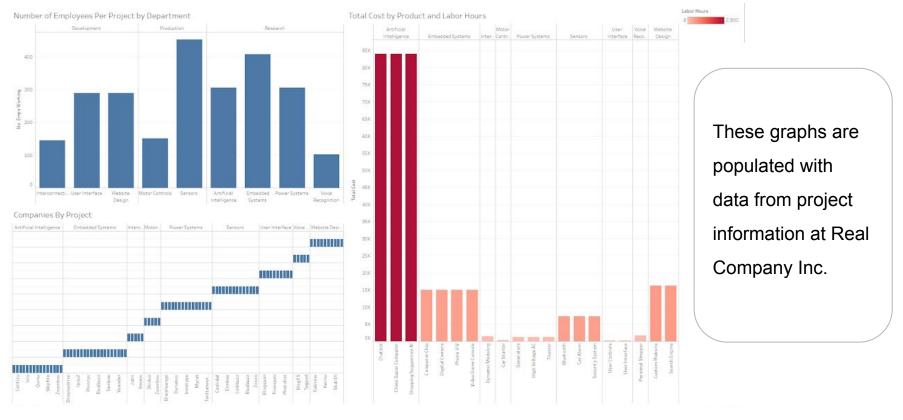
The Project Report offers a comprehensive visual breakdown of different projects at Real Company Inc.

Cost Analysis of Company:



Link to Employee Report Link to Project Report

Interactive Project Report 2-3



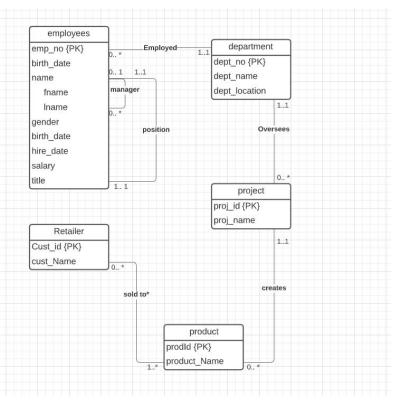
Interactive Project Report 3-3



Backend Information

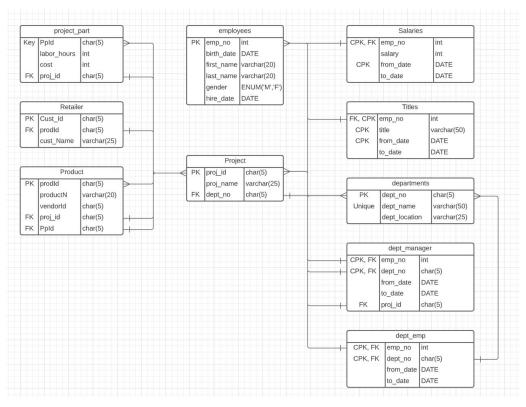
- ER Mapping Diagram
- Relation Diagram

ER Mapping Diagram



This mapping diagram details important relationships between the entities in the Real Company Inc project.

Relation Diagram



This relation diagram displays the relationships between each table present in the database.

Conclusion



Project Link (may temporarily be down due to NDSU maintenance on computer lab):

http://students.cs.ndsu.nodak.edu/~michasul/NewIndex.php

Python Project:

https://twitter.com/RealCompanyInc1