

The background features several thin, light-colored lines forming abstract geometric shapes, including triangles and polygons, scattered across the dark blue field.

Coffee Shop Database CPSC

408 Final Project

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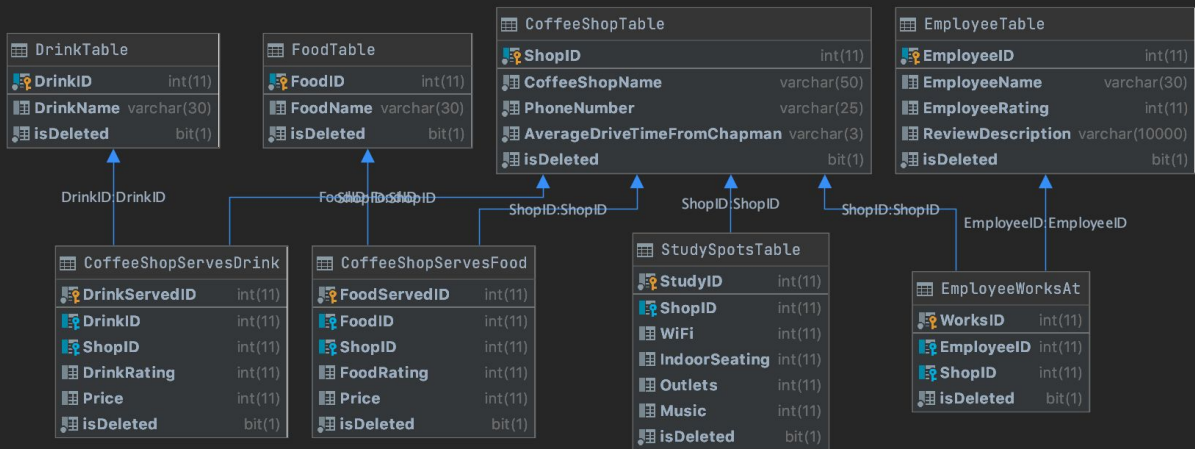
Problem

A lot of Chapman students (including myself) love to visit local coffee shops, whether it's because they love coffee or because they need a place to study for a few hours besides going to the library every time. But how do we know which coffee shop is worth going to based off my current needs?



Solution

Created a relational database of local coffee shops in Orange County that shows what menu items they have with prices and ratings, if the shops are solid places to study, how far the drive is from Chapman, and more!



updateEmployeeQuery
ShopID int(11)
CoffeeShopName varchar(50)
EmployeeID int(11)
EmployeeName varchar(30)
EmployeeRating int(11)
ReviewDescription varchar(10000)

updateDrinkQuery
ShopID int(11)
CoffeeShopName varchar(50)
DrinkServedID int(11)
DrinkName varchar(30)
Price int(11)
DrinkRating int(11)

updateFoodQuery
ShopID int(11)
CoffeeShopName varchar(50)
FoodServedID int(11)
FoodName varchar(30)
Price int(11)
FoodRating int(11)

avgDrinkRating
CoffeeShopName varchar(50)
AVG(C.DrinkRating) decimal(14,4)

avgFoodRating
CoffeeShopName varchar(50)
AVG(C.FoodRating) decimal(14,4)

avgDrinkPrice
CoffeeShopName varchar(50)
AVG(C.Price) decimal(14,4)

avgFoodPrice
CoffeeShopName varchar(50)
AVG(C.Price) decimal(14,4)



Console Application Demo