

Relational Mapping of EER Diagram

CMPT 354

March 17, 2021

1 Relational Mapping

City[City, Country, Population, Size]

Borough[Borough, City, Country, Population, Size]

WaterUser[ID, Borough, Region, FundingSource, TDS, StreetLocation, BuildingType]

CityAvgWater[ID, City, Consumption, Charges]

BoroughAvgWater[ID, Borough, StartDate, EndDate, Consumption, Charges]

UserWater[ID, User, StartDate, EndDate, Consumption, Charges]

FutureCity[ID, City, StartDate, EndDate, Consumption]

FutureBorough[ID, Borough, StartDate, EndDate, Consumption]

Foreign Keys:

Borough.City references City.{City, Country}

WaterUser.Borough references Borough.{Borough, City, Country}

CityAvgWater.City references City.{City, Country}

BoroughAvgWater.Borough references Borough.{Borough, City, Country}

UserWater.User references WaterUser.ID

FutureCity.City references City.{City, Country}

FutureBorough.Borough references Borough.{Borough, City, Country}