Possible object diagram (CustomerApp):

SalariedEmployee

- Id: int = 111
- FirstName: string = Peter
- LastName: string = Campbell
- JobStart: DateTime = DateTime
- isActive: bool = true
- weeklySalary double = 20000.0

HourlyEmployee

- Id: int = 111
- FirstName: string = Peter
- LastName: string = Campbell
- JobStart: DateTime = DateTime
- isActive: bool = true
- wage double = 500.0
- hours int = 10

BasePlusComissionEmployee

- Id: int = 111
- FirstName: string = Peter
- LastName: string = Campbell
- JobStart: DateTime = 2023/08/12
- isActive: bool = true
- baseSalary: double = 18000.0
- grossSales double = 50000.0
- comissionRate int = 10

Address

- City: string = Wheatfield
- State: string = Missouri(MO)
- Street: string = 1949 Jadewood Drive
- Zip: int = 9056

Customer

- Id: int = 111
- FirstName: string = Peter
- LastName: string = Campbell
- Address: address
- Email: string = peter.campbell@...
- Gender: Enumeration = Male
- Discount: int = 250

Convert

- countryCode = phoneNumber.Substring,(2,0)
- providerCode = phoneNumber.Substring,(4,2)
- firstPart = phoneNumber.Substring(3 ,4)
- secondPart = phoneNumber.Substring(7)

personGenerator: RandomPerson

- cities: string[] = string[0..5] = ...
- firstNames: string[][] = string[0..5] = ...
- lastNames: string[] = string[0..5] = ...
- phones: string[] = string[0..5] = ...
- rnd: System.Random = System.Random
- states: string[] = string[0..5] = ...

Account

- Id: int = 111
- Customer: Customer = Peter
- Balance: double = 18000.0