



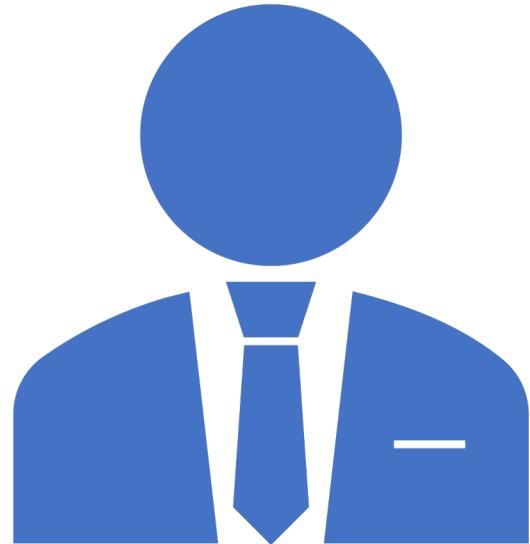
# BridgeLabz

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## AddressBook System

# Outcome

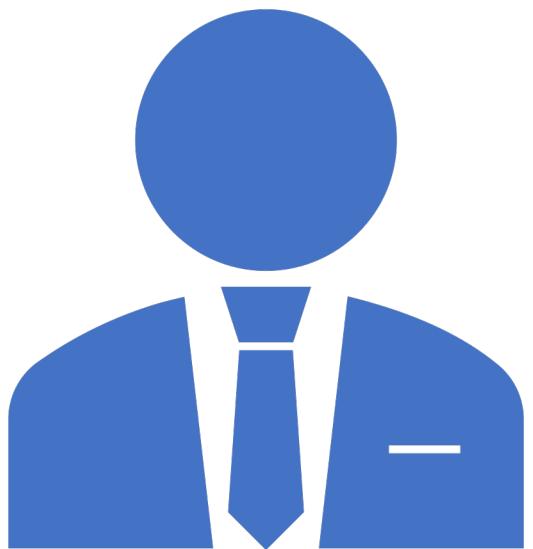
- - 1. Ability to create Address Book DB
  - 2. Ability to use Normalization and ER Modeling to create a Address Book ER Model
  - 3. Ability to implement DB Queries using MSSQL Client
  - 4. Ability to manage Address Book Contact data from the C# Application using Ado.Net



**UC 1**

**Ability to create a  
Address Book Service  
DB**

- Use SQL Client to create DB  
and DB Records



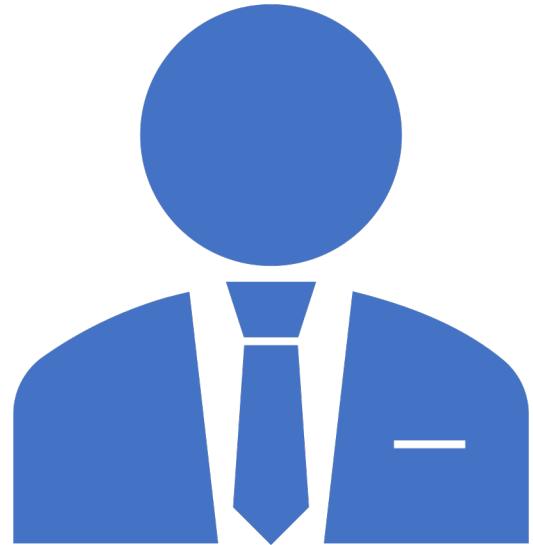
**UC 2**

Ability to create a Address Book Table with first and last names, address, city, state, zip, phone number and email as its attributes



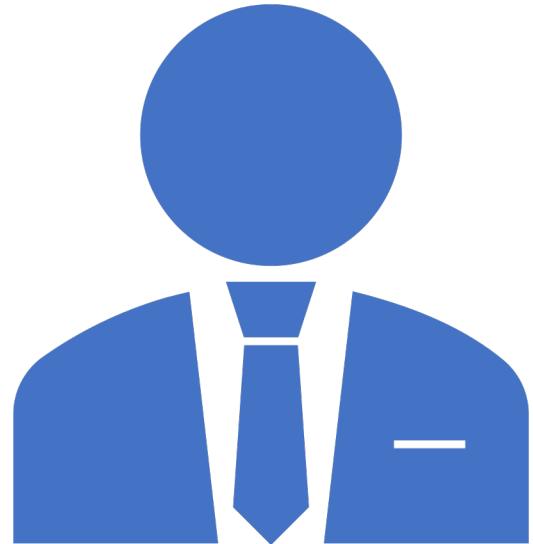
**UC 3**

Ability to insert new  
Contacts to Address  
Book



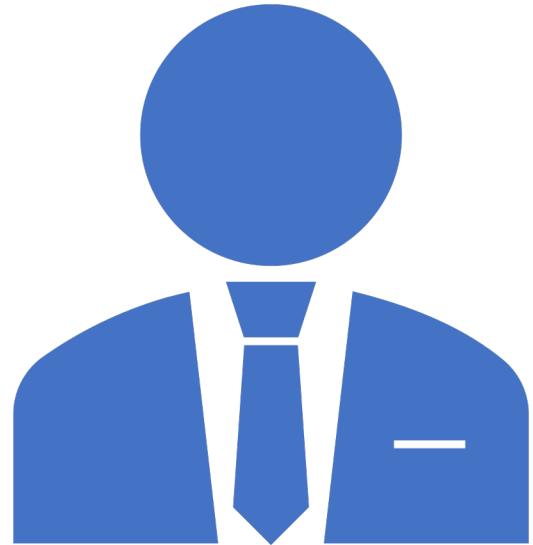
**UC 4**

Ability to edit  
existing contact  
person using their  
name



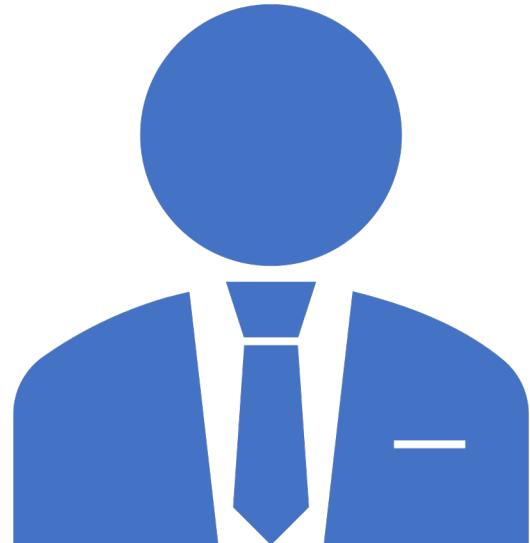
**UC 5**

Ability to delete a  
person using person's  
name



**UC 6**

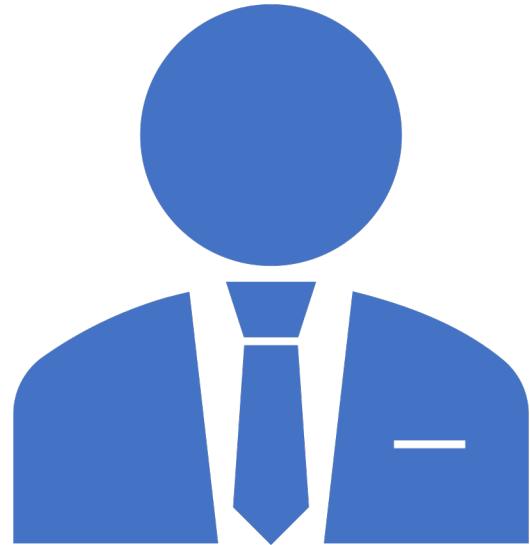
**Ability to Retrieve  
Person belonging to  
a City or State from  
the Address Book**



**UC 7**

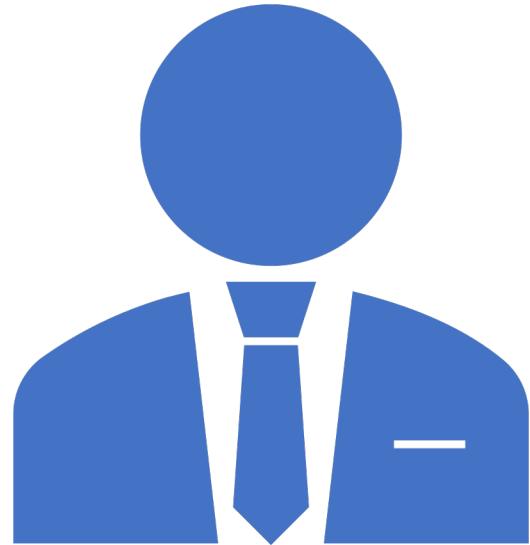
**Ability to understand  
the size of address  
book by City and State**

- Here size indicates the count



**UC 8**

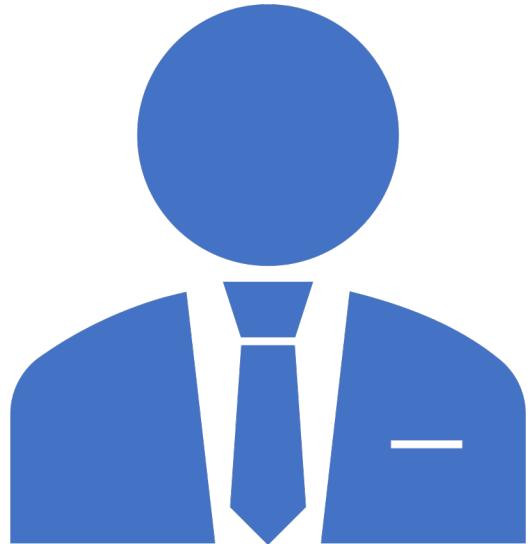
Ability to retrieve entries  
sorted alphabetically by  
Person's name for a  
given city



**UC 9**

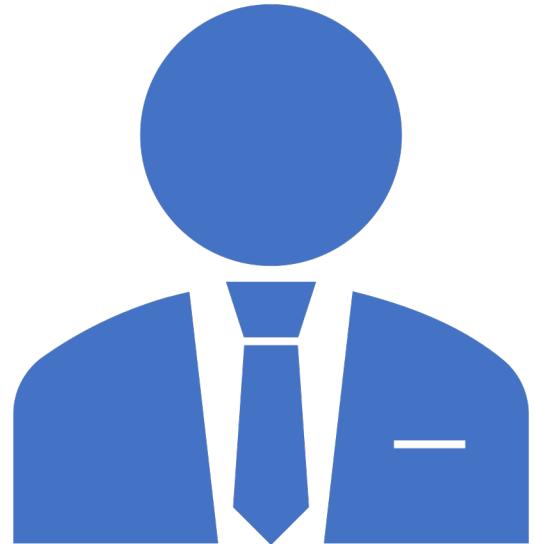
**Ability to identify each Address Book with name and Type.**

- Here the type could Family, Friends, Profession, etc
- Alter Address Book to add name and type



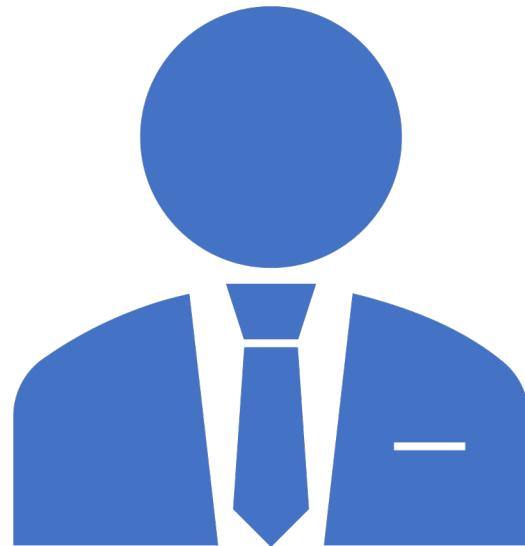
**UC 10**

Ability to get number  
of contact persons  
i.e. count by type



**UC 11**

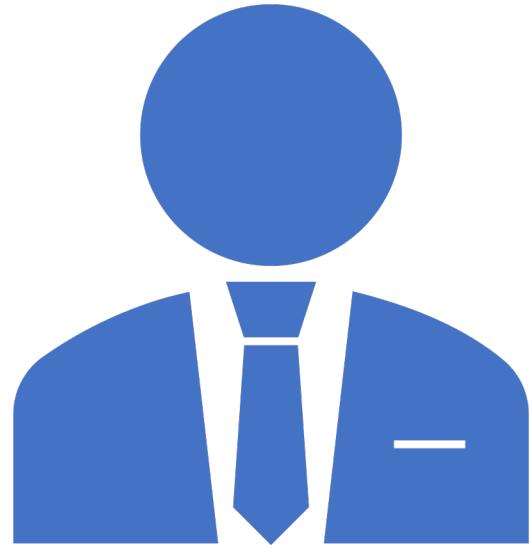
Ability to add person  
to both Friend and  
Family



**UC 12**

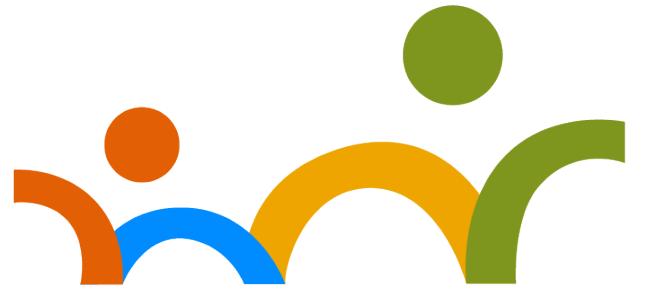
## Draw the ER Diagram for Address Book Service DB

- Identifies the Entities – Entities can be Identified using Normalization Technique
- Check each attribute and see if they are Composite or Multi-Valued



**UC 13**

Ensure all retrieve queries done especially in UC 6, UC 7, UC 8 and UC 10 are working with new table structure



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Thank  
You