# UI

Functionality

* Login Page

1. Username section
2. Password section
3. Login Button

* Landing Page

1. Contact Management System Heading
2. Search Bar (Search by Name)
3. Search Button
4. Form

* First Name\*
* Last Name\*
* DOB
* Address
* City
* Pin code
* Mobile No. \*
* Email ID

1. Create Button

* Search Results Page
  1. Search Results in tabular format
  2. Edit Button for All Records (Disabled) (Enable only for self or ADMIN)
  3. Delete Button for All Records (Disabled) (Enable only for self or ADMIN)
* Edit Page- Form with prepopulated values that can be changed
* Delete Page- Confirmation? (Yes/No)

# Backend

* Create Button Functionality (onSubmit or onClick?)
* Search Button (onSubmit or onClick?)
* Edit Button Functionality (POP-UP Page) (onSubmit or onClick?)
* Delete Button Functionality (POP-UP Page) (onClick- Y/N)

# API

* Add API – To insert data into DB
* Search API – To search (SELECT) data from DB (isDeleted=0)
* Edit API – To edit (UPDATE) data in DB (isSelf = 1 OR isAdmin = 1)
* Delete API – To Delete (UPDATE isDeleted = 1) data in DB (isSelf = 1 OR isAdmin = 1)

# Database

* Database Creation
* Table – Contact
  1. CustomerId int NOT NULL Auto-increment Primary key
  2. FirstName varchar NOT NULL
  3. LastName varchar NOT NULL
  4. DOB DATE
  5. Address varchar
  6. City varchar
  7. Pincode varchar
  8. ContactNo varchar (15) NOT NULL UNIQUE
  9. Email varchar (255)
  10. IsDeleted BIT NOT NULL DEFAULT 0
  11. IsAdmin(to be created)
  12. IsSelf(if required)