

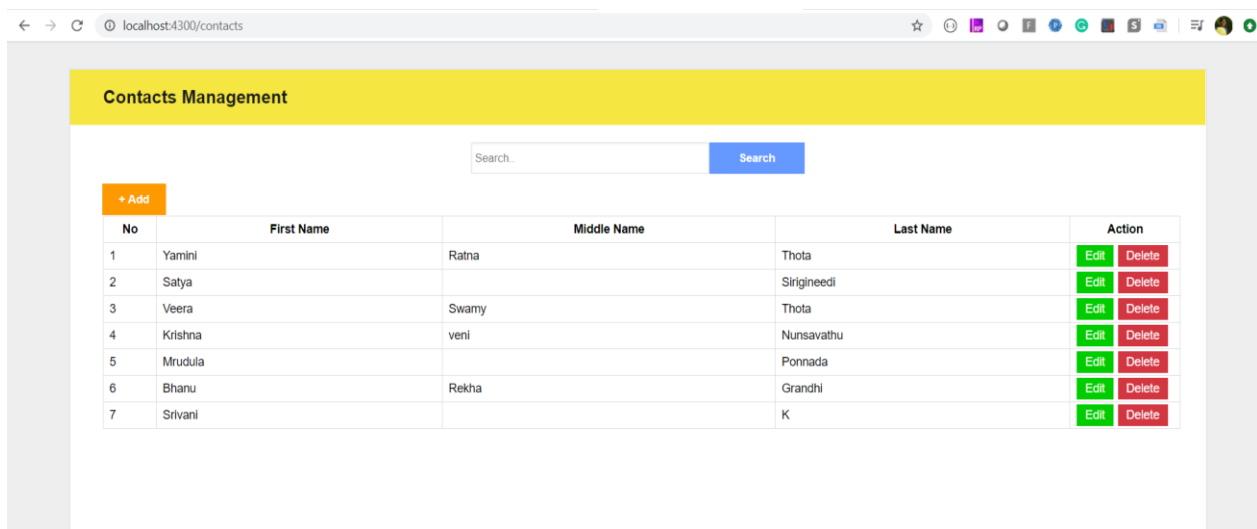
## What can this product do?

With Contact Management application you can manage your contacts list, you can associate variable number of Phone numbers, variable number of addresses and variable number of important dates for that contact.

Use case Contact Management application is providing.

### 1. Display Contact List:

It displays List of Contacts, user can EDIT and DELETE contacts by clicking on that particular buttons. Here DELETE will delete the contact and the associates phone, addresses and dates.

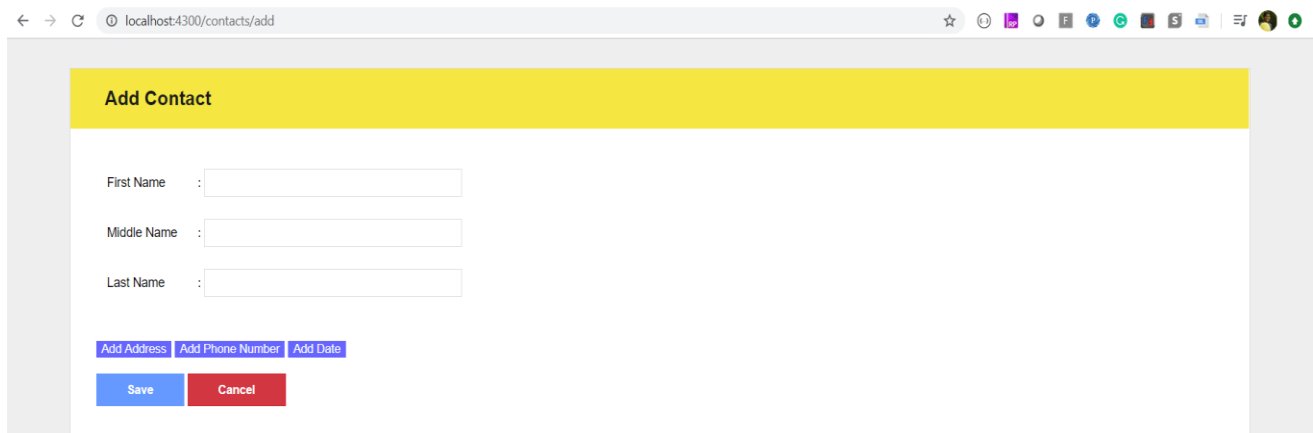


The screenshot shows a web browser at localhost:4300/contacts. The page has a yellow header titled "Contacts Management". Below the header is a search bar with a "Search" button. To the left of the table is an orange "+ Add" button. The table lists 7 contacts with columns: No, First Name, Middle Name, Last Name, and Action. Each contact has "Edit" and "Delete" buttons in the Action column.

No	First Name	Middle Name	Last Name	Action
1	Yamini	Ratna	Thota	<a href="#">Edit</a> <a href="#">Delete</a>
2	Satya		Sirigineedi	<a href="#">Edit</a> <a href="#">Delete</a>
3	Veera	Swamy	Thota	<a href="#">Edit</a> <a href="#">Delete</a>
4	Krishna	veni	Nunsavathu	<a href="#">Edit</a> <a href="#">Delete</a>
5	Mrudula		Ponnada	<a href="#">Edit</a> <a href="#">Delete</a>
6	Bhanu	Rekha	Grandhi	<a href="#">Edit</a> <a href="#">Delete</a>
7	Srvani		K	<a href="#">Edit</a> <a href="#">Delete</a>

### 2. Add Contact:

- User can click on ADD button provided in order to add new contact. Here you can add variable number of Phone numbers, Addresses and Dates to that contact by Clicking on [ADD Phone numbers](#), [ADD Addresses](#) and [ADD Dates](#).



The screenshot shows a web browser at localhost:4300/contacts/add. The page has a yellow header titled "Add Contact". Below the header are three input fields for "First Name", "Middle Name", and "Last Name". Below these fields are three buttons: "Add Address", "Add Phone Number", and "Add Date". At the bottom are "Save" and "Cancel" buttons.

- User can DELETE a specified Phone number, Address or Dates if you don't want to add.

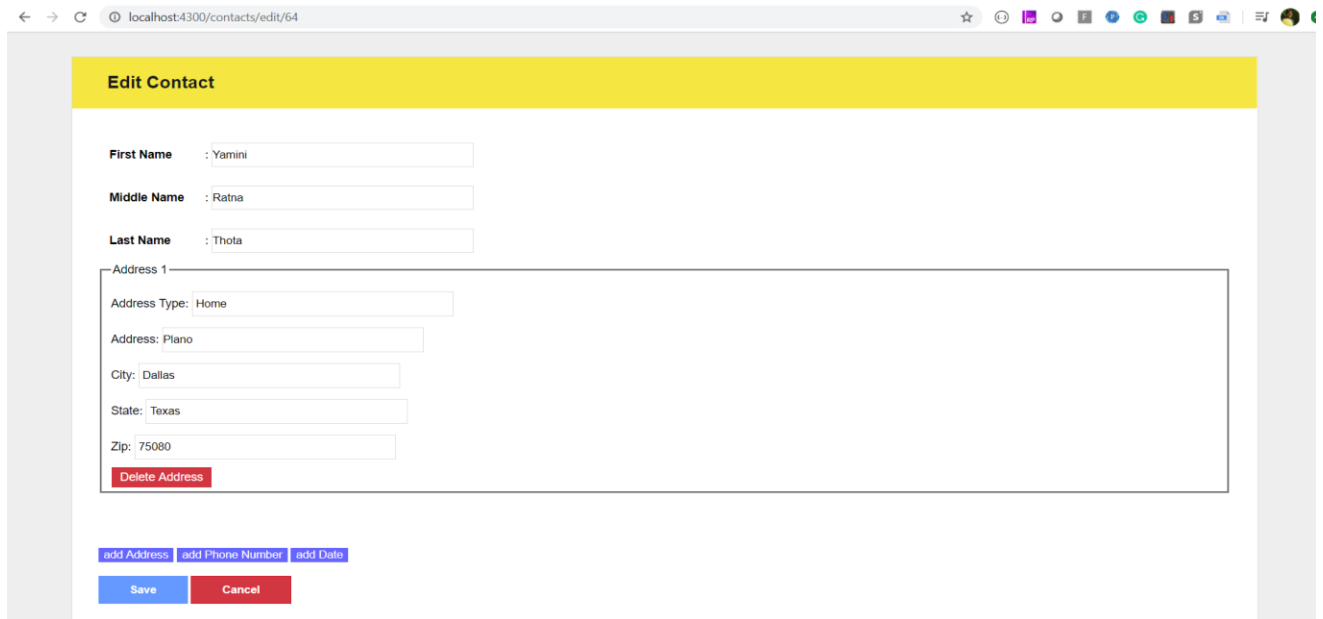
The screenshot shows a web browser window with the address bar displaying 'localhost:4300/contacts/add'. The page has a yellow header with the title 'Add Contact'. The form contains several input fields: 'First Name', 'Middle Name', and 'Last Name' (each with a label and a colon); 'Address' (with a label and a colon), 'Address Type', 'Address', 'City', 'State', and 'Zip' (each with a label and a colon); and 'Phone Number' (with a label and a colon), 'Type of Number', 'Area code', and 'Number' (each with a label and a colon). Below the 'Address' section is a red 'Delete Address' button. Below the 'Phone Number' section is a red 'Delete phone Number' button. At the bottom of the form are three blue buttons: 'Add Address', 'Add Phone Number', and 'Add Date'.

### 3. Edit Contact:

- User can EDIT the contact and its associated phone numbers, addresses and dates.
- User can delete any Phone number, address and date by clicking on that particular DELETE button.

The screenshot shows a web browser window with the address bar displaying 'localhost:4300/contacts/edit/64'. The page has a yellow header with the title 'Edit Contact'. The form contains several input fields: 'First Name' (with a label and a colon) containing 'Yamini', 'Middle Name' (with a label and a colon) containing 'Ratna', and 'Last Name' (with a label and a colon) containing 'Thota'. Below these are three sections: 'Address 1' (with a label and a colon), 'Date 1' (with a label and a colon), and 'Phone 1' (with a label and a colon). Each section contains input fields for 'Address Type', 'Address', 'City', 'State', and 'Zip' (for Address 1); 'Date Type' and 'Date' (for Date 1); and 'Phone Type' (for Phone 1). Below each section is a red 'Delete' button: 'Delete Address', 'Delete Date', and 'Delete Phone'.

- User can add variable number of Phones, Addresses and Dates while editing the existing contact.



**Edit Contact**

First Name : Yamini

Middle Name : Ratna

Last Name : Thota

Address 1

Address Type: Home

Address: Plano

City: Dallas

State: Texas

Zip: 75080

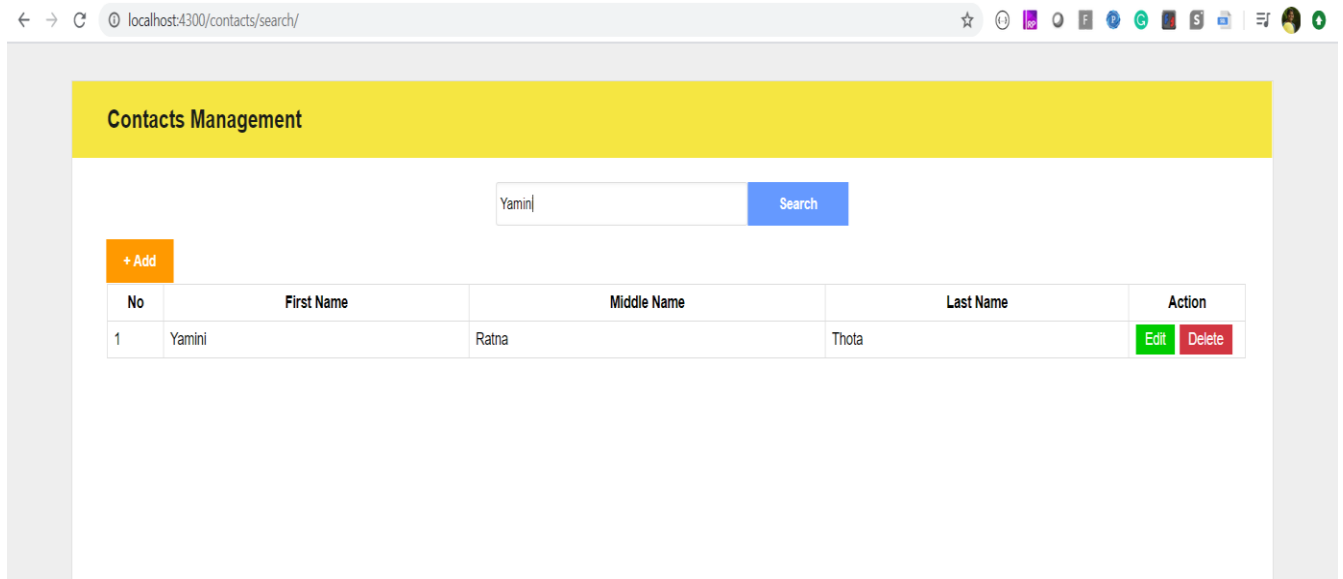
Delete Address

add Address add Phone Number add Date

Save Cancel

#### 4. Search Contact:

- User can search for a contact.



**Contacts Management**

Yamini Search

+ Add

No	First Name	Middle Name	Last Name	Action
1	Yamini	Ratna	Thota	Edit Delete

- User can search for contacts given any combination of Name components, Address component(s), Phone number components **separated by space**.

Contacts Management

+ Add

No	First Name	Middle Name	Last Name	Action
1	Yamini	Ratna	Thota	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
2	Satya		Sirigineedi	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

**Note :** In the above screenshot two contacts are displayed because search string “arling yami” satisfies these 2 contacts.

“yami” → can be found in First Name of serial number 1 contact.

“arling” → can be found in City of Address 1 of Contact with serial number 2 contact.

Contacts Management

+ Add

No	First Name	Middle Name	Last Name	Action
1	Yamini	Ratna	Thota	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
2	Satya		Sirigineedi	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

## Edit Contact

**First Name** : Satya

**Middle Name** :

**Last Name** : Sirigineedi

Address 1

Address Type: Home

Address: UTA

City: Arlington

State: texas

Zip: 78987

Delete Address

Date 1

Date Type: Birthday

Date: 05/14/1993

Delete Date

Date 2

Date Type: Marriage Date