

Diagram for Contact Management System

This is a medium to complex case study, Perform client side validations and show the validation errors to the client

Screen 1: Login Form: This is like a home page which is shown to user

Login Form

Login

Create Profile

Before login user has to register hence user will click on Create Profile which will show below screen;

Screen2: Registratio Form, if you try to missout any field a validation error must be shown in the page

← → ↻ 🏠 ⓘ localhost:4200/register

Apps G W ex A C B S in a YouTube

Create a profile

Phone

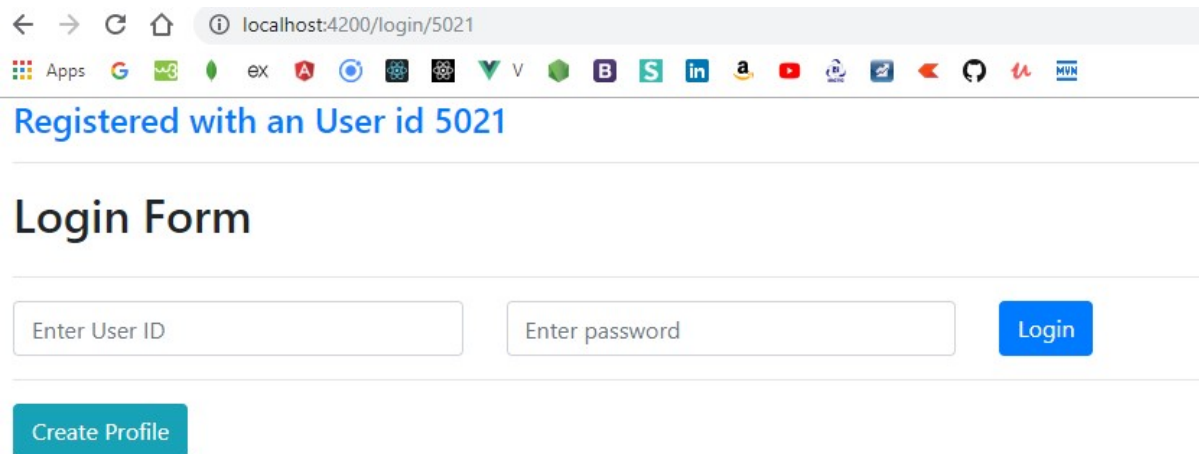
Birthday

By clicking Sign Up, you agree to our [Terms](#) and [Policy](#)

Sign Up

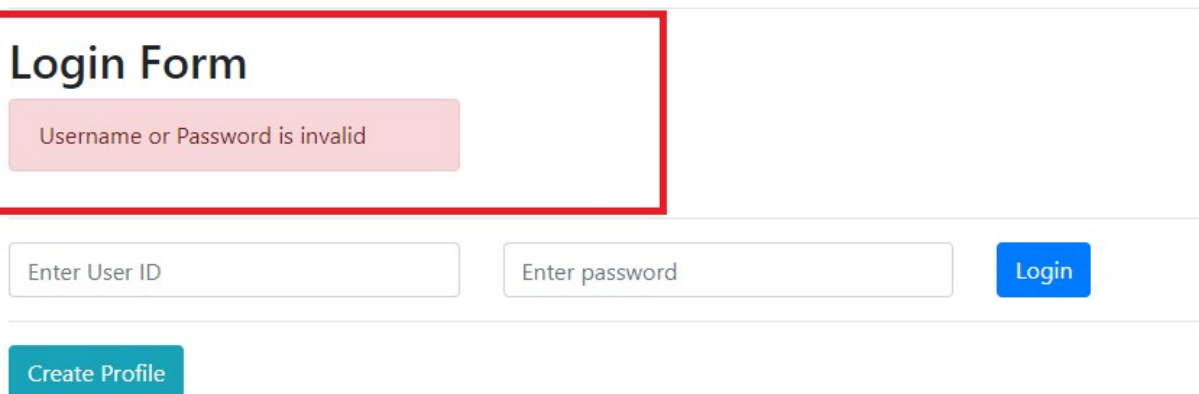
[Back to login](#)

When user registers it redirects to login as below



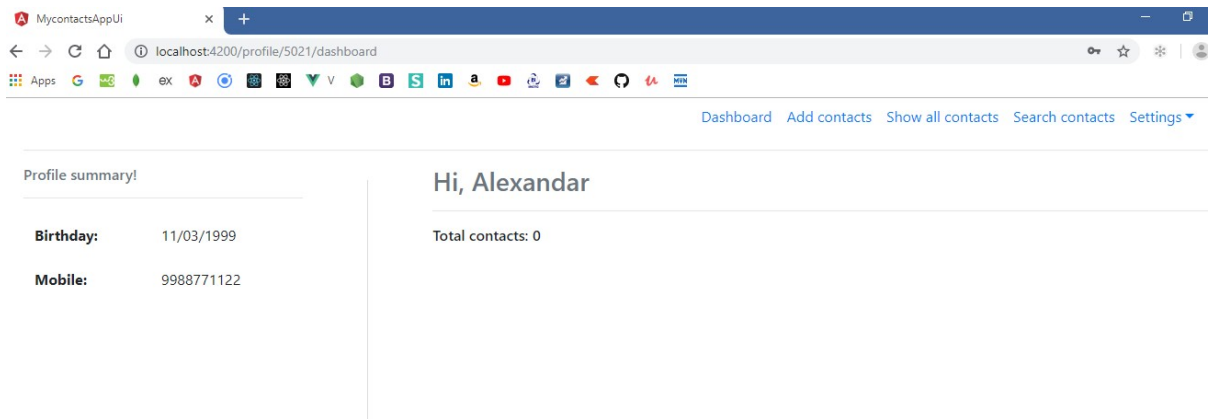
The screenshot shows a web browser window with the address bar displaying 'localhost:4200/login/5021'. The browser's taskbar at the bottom contains various application icons. The page content includes a blue heading 'Registered with an User id 5021'. Below this is a 'Login Form' section. It features two input fields: 'Enter User ID' and 'Enter password', followed by a blue 'Login' button. At the bottom of the form is a teal 'Create Profile' button.

Now the user will login with 5021 and password which will not have any contacts by default, when he logs in if the authentication fails below would be the error.



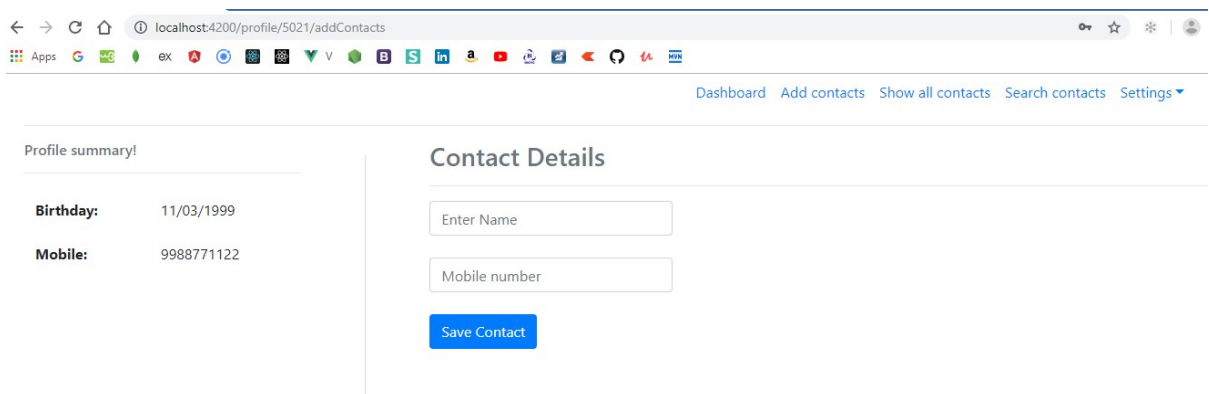
This screenshot shows the same login form as above, but with an error state. A red rectangular border highlights the top portion of the form. Inside this area, a pink error message box displays the text 'Username or Password is invalid'. The 'Login Form' heading is still visible. The input fields for 'Enter User ID' and 'Enter password', along with the 'Login' and 'Create Profile' buttons, remain visible below the error message.

When the user enters correct userid and password user will be taken to dashboard

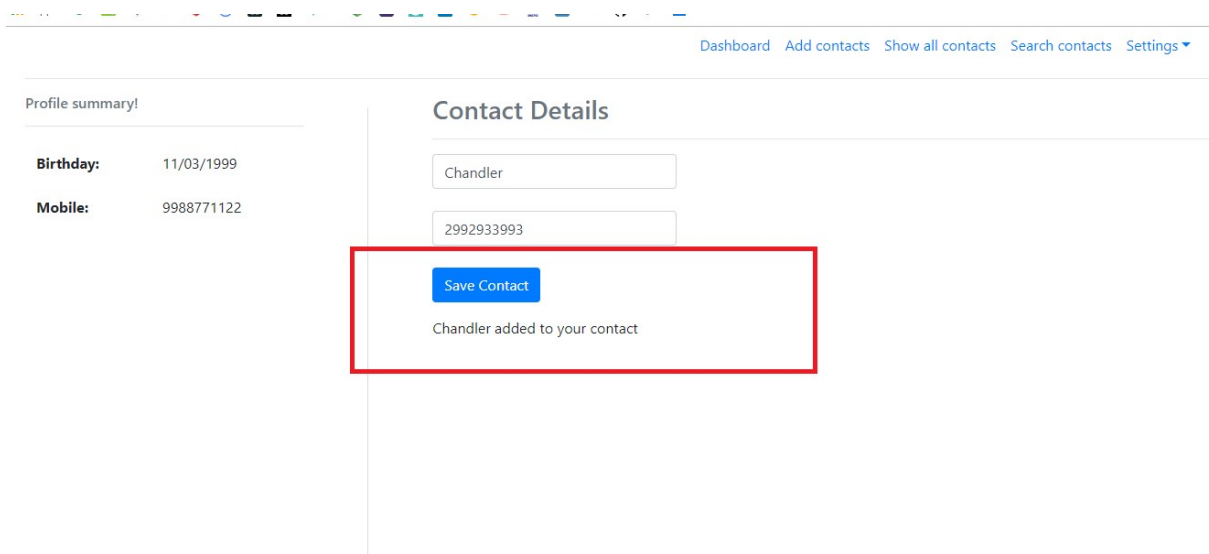


Notice the paths like profile/5021/dashboard, and the Total Contacts in the dashboard, settings link, profile summary,

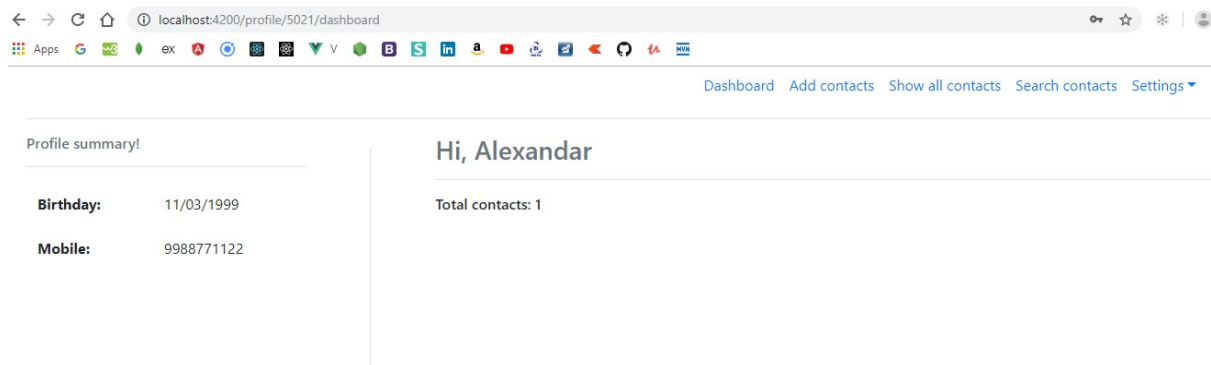
When you go to add contacts you will



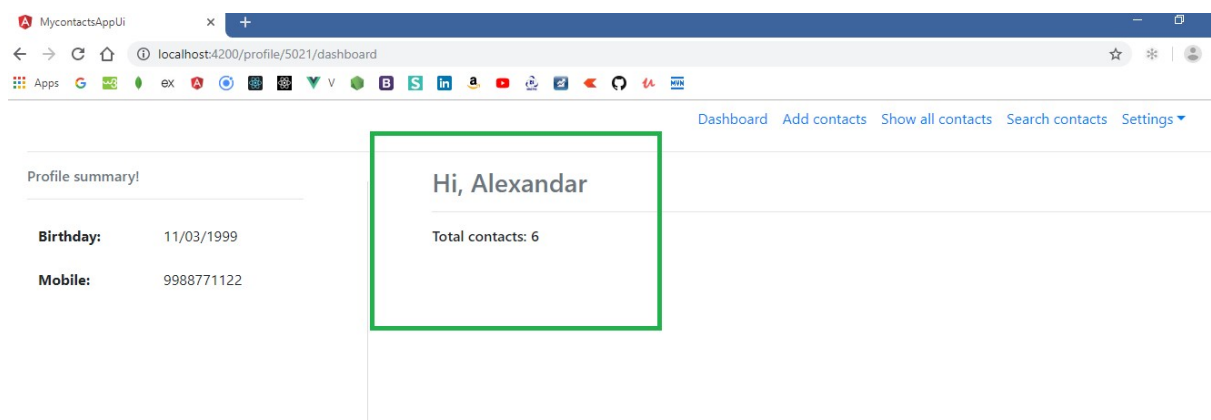
You can add contacts, but notice the url it always have the userId after profile like profile/5021/addContacts, you can add contacts now



Now you can click on dashboard that shows the contact count as 1, earlier it was 0, you can add any number of contacts

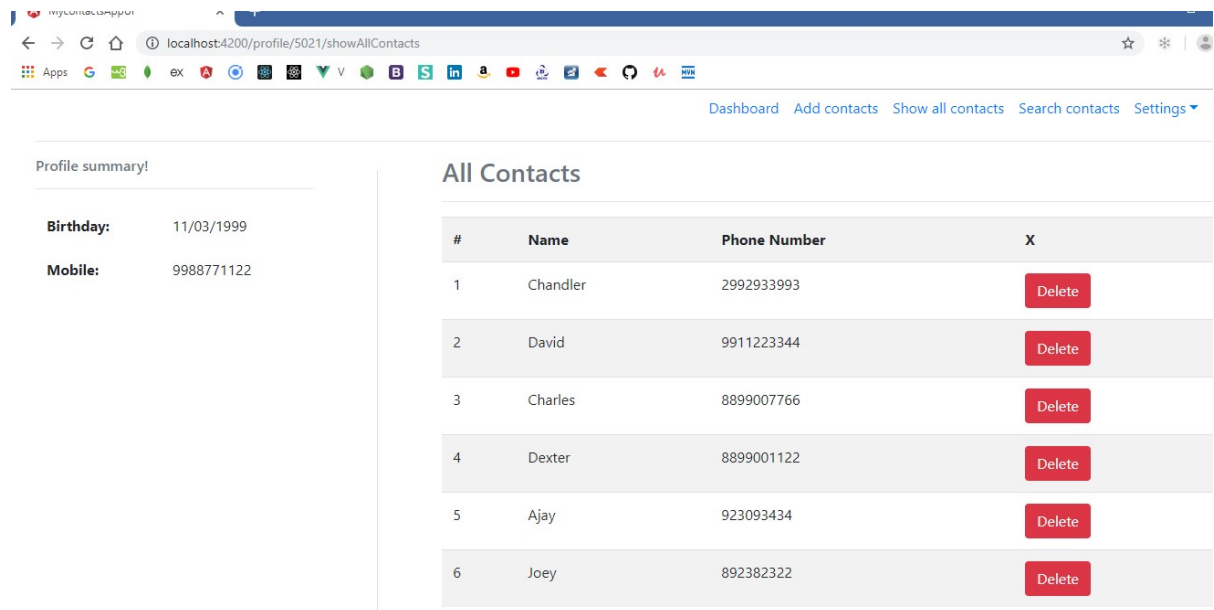


Again notice the url which has the 5021, you will always have the userId in the url that's how you will make a call to the back end server, After adding few more user this would be the dashboard

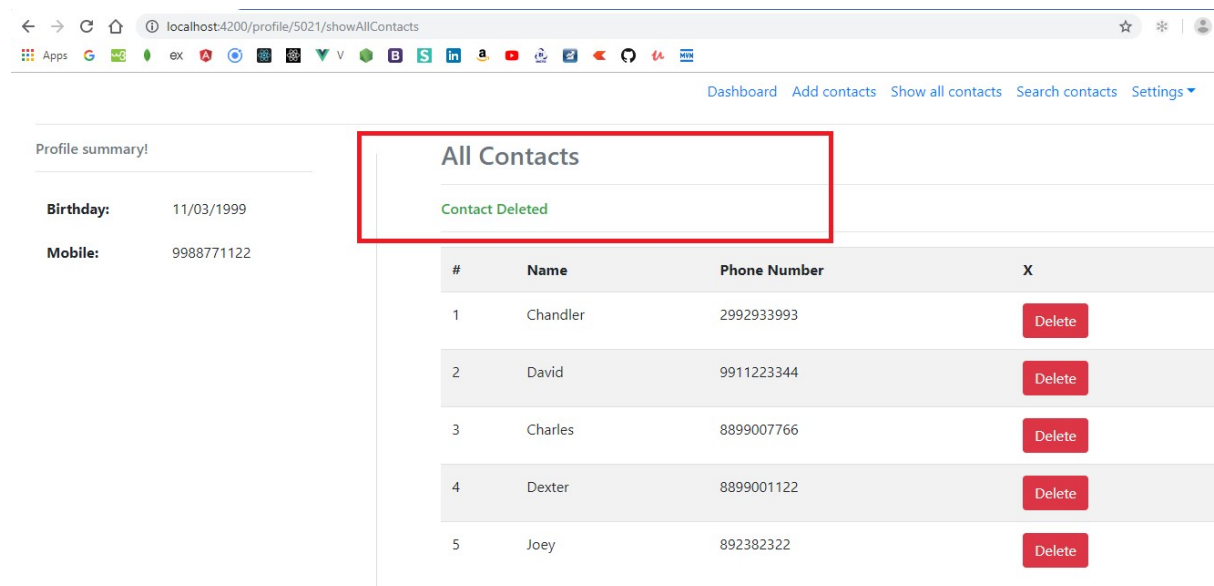


Show all contacts will show you below details

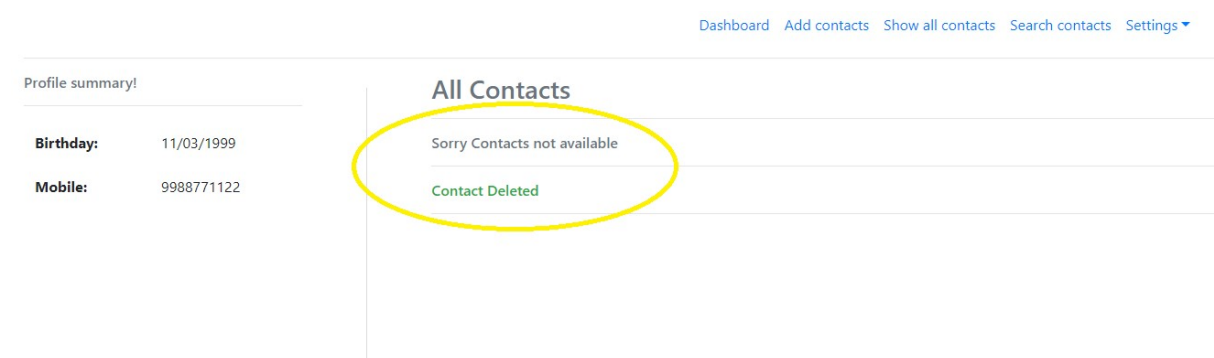
You will see a delete button and also the url is now profile/5021/showAllContacts



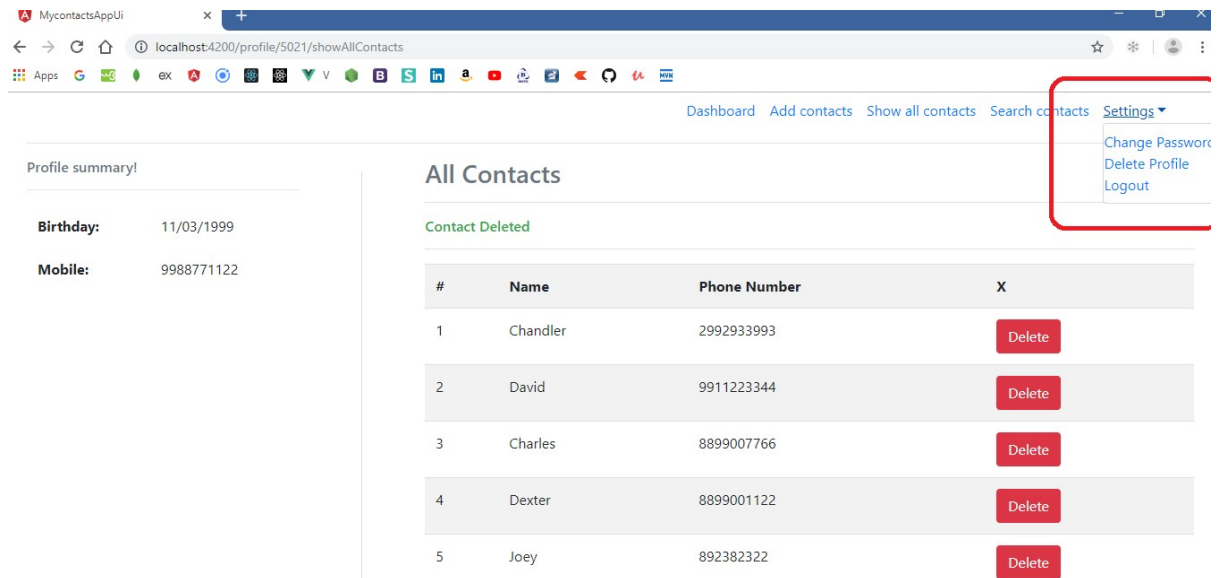
If you delete contact you will see a message



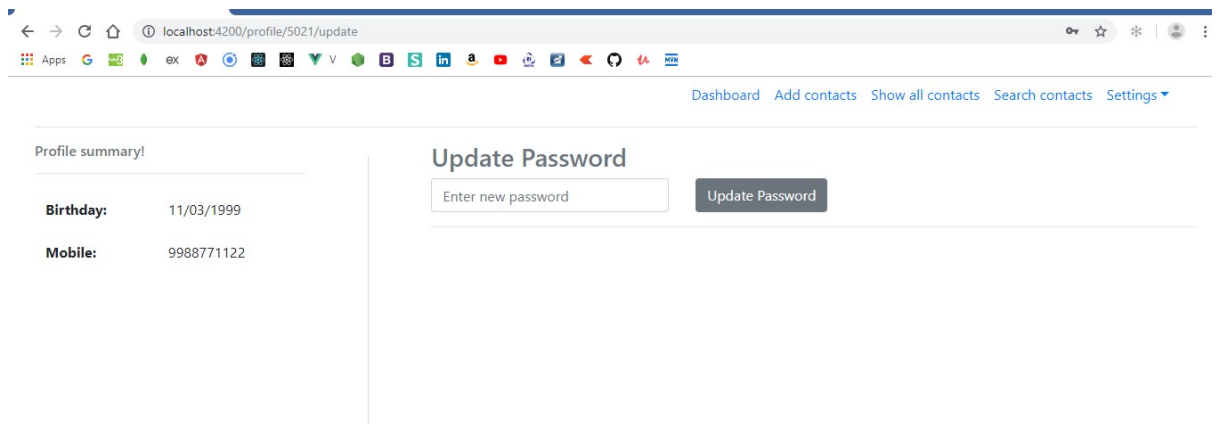
When you delete all contacts you will see the message like below



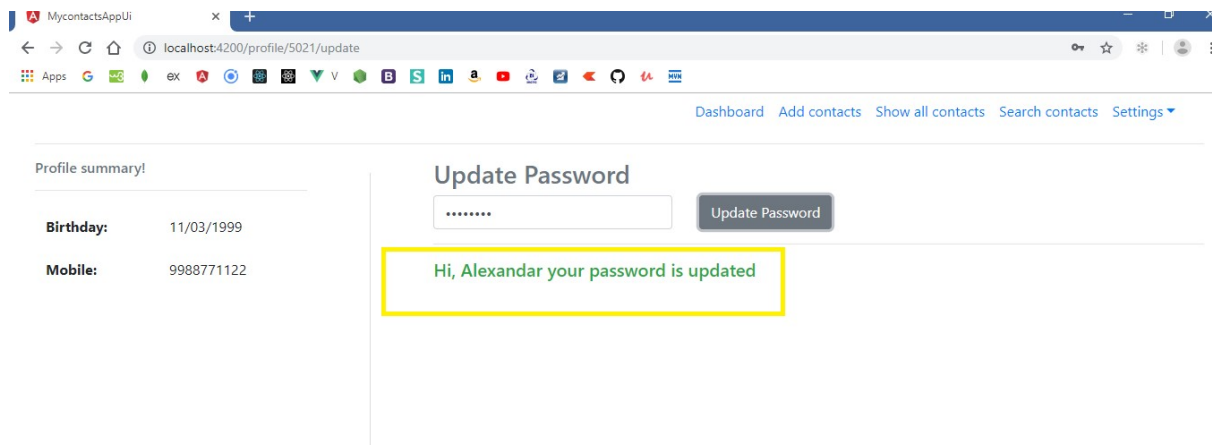
You can change the profile by visiting the settings which is a drop down like below:



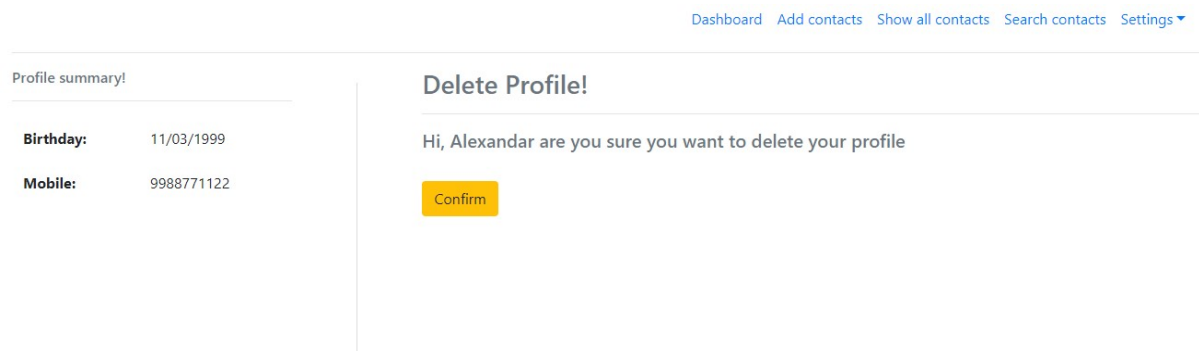
When you click on change password you will go to update as below, here you can update the password if you want



After updating the password



You can also delete profile if you want by going to delete profile in the settings that looks as below



If you click on Confirm it will delete the profile and automatically go to Login page, just to keep the profile in database it is not deleted but if you wish to delete you would not be able to login and also all contacts will be erased automatically.

Search Contacts link, Assuming you have these below 4 contacts in the database

Dashboard Add contacts Show all contacts Search contacts Settings ▾

Profile summary!

Birthday: 11/03/1999

Mobile: 9988771122

Search Contact

Enter name

All Contacts

#	Name	Phone Number	X
1	Chandler	2992933993	Delete
2	David	9911223344	Delete
3	Charles	8899007766	Delete
4	Dexter	8899001122	Delete

Now if you enter C you would only see the contacts starting with C as below:

localhost:4200/profile/5021/searchContact

Dashboard Add contacts Show all contacts Search contacts Settings ▾

Profile summary!

Birthday: 11/03/1999

Mobile: 9988771122

Search Contact

C

All Contacts

#	Name	Phone Number	X
1	Chandler	2992933993	Delete
2	Charles	8899007766	Delete

You can delete the contact if you would like, this search component make use of show all components internally

If the matching records not found below would be the error message it can show

The screenshot shows a web browser at localhost:4200/profile/5021/searchContact. The page has a navigation bar with links: Dashboard, Add contacts, Show all contacts, Search contacts, and Settings. On the left, a 'Profile summary!' section displays 'Birthday: 11/03/1999' and 'Mobile: 9988771122'. The main area features a 'Search Contact' form with a text input containing 'S' and a message 'Sorry no matching records with S'. Below this is an 'All Contacts' section with a table header: #, Name, Phone Number, and X.

#	Name	Phone Number	X
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Now you can logout: It will show you login page again

Login Form

The login form consists of two input fields: 'Enter User ID' and 'Enter password'. To the right of the password field is a blue 'Login' button. Below these fields is a teal 'Create Profile' button.

You can enhance the application to update the user phone, dob, update the contact details also.