

Phone Book Web app

Operations User can do

- Add a contact
- Remove a contact
- Update a contact
- **Search contact**
 - By name (partial name can also be searched)
 - By phone number
 - By email
 - Add pagination with default 4 results per page
 - Search results should be sorted alphabetically (by name).

Contact

- Will have a Name (required)
- Will/Can have multiple phone numbers (should have at least 1 phone number)
- Will/Can have multiple emails
- Will/Can have single Date of birth (not mandatory)

Constraints

- Two contacts **cannot** have same phone numbers
- Two contacts **can** have the same emails.

Notes:

1. Use **Node.js(preferred)**/ PHP
2. You can use database of your choice
3. Using Git with proper commit and README file is a plus.
4. **Preferably, deploy your app** somewhere so that we can open your webapp and test it.
Some eg. places you can deploy is:
 - a. Digitalocean
 - b. 000webhost (for php)
 - c. Heroku
 - d. Gcp
 - e. Aws
 - f. Or as per your convenience.
5. A sample design is given below. Try to make it according to that or better.
6. If you want to add something more in design you are free to do it. Just mention your additions in the README file of your git repository.
7. Focus on completing the basic assignment, then deployment.

Sample Design

1. Home Page

- Search Bar will be used to filter contacts
- By default all contact will be appear in alphabetical order [A-Z]
- To see the details of a contact, one can click on dropdown icon which will open collapsible container which will display all mobile number(s) and email(s)
- Inside collapsible container we have edit and remove buttons
- User can click on **plus button** below to add new contact
- And there are pagination buttons for navigation

RM-PHONEBOOK

Faisal Alam

Mohit Gupta

23/01/1990

EditRemove

+91 98765432

abc@gmail.com

+91 89892209

xyz@gmail.com

Rishu Kumar

Ujjwal Singhal

«

1

2

3

4

5


»

+

2. Search

- Once user have added a contact he/she should be able to search them
- If a user type “Dha” all name starting with “Dha” should be displayed below in alphabetical order

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Dharmendra


Dharmesh kumar

Dhaval

<

1

>



3. Add new contact

- Add new contact will have name and at least one mobile number as a required field
- Users can add multiple phone numbers and email IDs by clicking on the **plus button**
- Save button should be clickable only when all required input fields have been filled
- At last save button will be used to store the data

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← Add new contact

Name

Name

DOB

dd/mm/yyyy

▼

Mobile Number

+91 XXXXXXXXXX

+

Email

abc@gmail.com

+

Save

4. Edit

- Users can edit contact's data by clicking on the edit button on the collapsible container.
- At the time of editing user can add and update mobile number(s) and email id(s)
- User can remove added mobile email field) using **cross button**
- Parent/main/first mobile and email field should not be removable
- Clicking on update button should update the data of the contact

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← Edit contact

Name

Rishu Kumar

DOB

28/02/1987

Mobile Number

+91 982060

+91 989898

Email

example@gmail.com

Update

For any doubts contact:

faisal.alam@rentomojo.com

mohit.gupta@rentomojo.com

rishu.kumar@rentomojo.com

ujjwal.singhal@rentomojo.com