Design Document

Design Decisions:

1. Contact List will only display contact details.
2. In order to see any combination of Name components, Address component(s), Phone number components for that contact, user should navigate to the edit form of that contact.
3. Search will only display contacts list which satisfy the "search keyword".
4. Any combination search keywords should be separated by spaces.
5. Let us say if you want to search "yamini ratna", my query will take "yamini" and "ratna" as two different key words and search for them in the entire database (contact, address ,phone and date tables) and return the list of contacts which has these keywords.
6. You can add variable number of Phone numbers, Addresses and Date components to a contact.
7. Delete option is also given in the Add form for Phone, Address and Date components.
8. Similarly, In Edit form also you can Add and delete variable number of Phone numbers, Addresses and Date components to a contact.
9. Delete option for the contact in the List page will perform cascading delete of all the reference records to that contact.
10. My schema design is exactly same as given schema design in Project doc.
11. Any string can take the length of VARCHAR(100), Date is of Date type.