




## Lab 11 – I3350

Implement an App called *Address Book* that provides convenient access to contact information that's stored in SQLite database on the device. The main functionalities of this app are listed below.

1. Using this app, you can scroll through an alphabetical contact list (on the main activity)
2. You can view contact's details by touching the contact's name in the list. Display the contact's details in a different activity.
3. When contact's details are displayed, touching the edit item (  ) in the App Bar should allow the user to update the contact's data, while touching the delete item (  ) displays an AlertDialog asking the user to confirm the deletion.
4. When viewing the contact list, touching the add item (  ) in the App Bar should allow to add a new contact.

### Important notes:

- The *add*, *view*, and *update* functionalities should use the same activity and the same layout.
- Before starting the implementation, provide the different sketches of the app as well as an overall architecture.