# Assignment 3 – Data Storage: Contact List App

**Total Points: 100**

The goal for this Assignment is to create a simple Contact List App.

We are going to use SQLite to store data.

* Use a table to store for each contact at least: First Name, Last Name, Phone Number, Email. Choose appropriate data types (10 pts)
* From the main screen you should be able to see a list of contacts and add a new one. (25 pts)
* From the detailed screen you should be able to: place a phone call, write an email to the contact. (20 pts)
* You should also be able to edit the contact or remove it. (35 pts)
* You can use Xamarin.Android or Xamarin.Forms, the interface design is up to you. (10 pts)
* Bonus/Extra Credit: Implement the possibility to rearrange A/Z or Z/A the list of contacts, implement proper data validation for the various fields (e.g. email structure [xxx@xxx.xxx](mailto:xxx@xxx.xxx)) (10 pts)

Submit the project and remember to reduce the size of the submission (removing bin and obj folders).

Submit the files to the assignment on MUOnline in a compressed (.zip) format. Include all the required files. The submission should follow the naming convention:

CIT414\_*LastName\_FirstInitial\_*A3.zip