Data Access

By: Mosh Hamedani

ContactBook

Add persistence to ContactBook app you built in the last section.

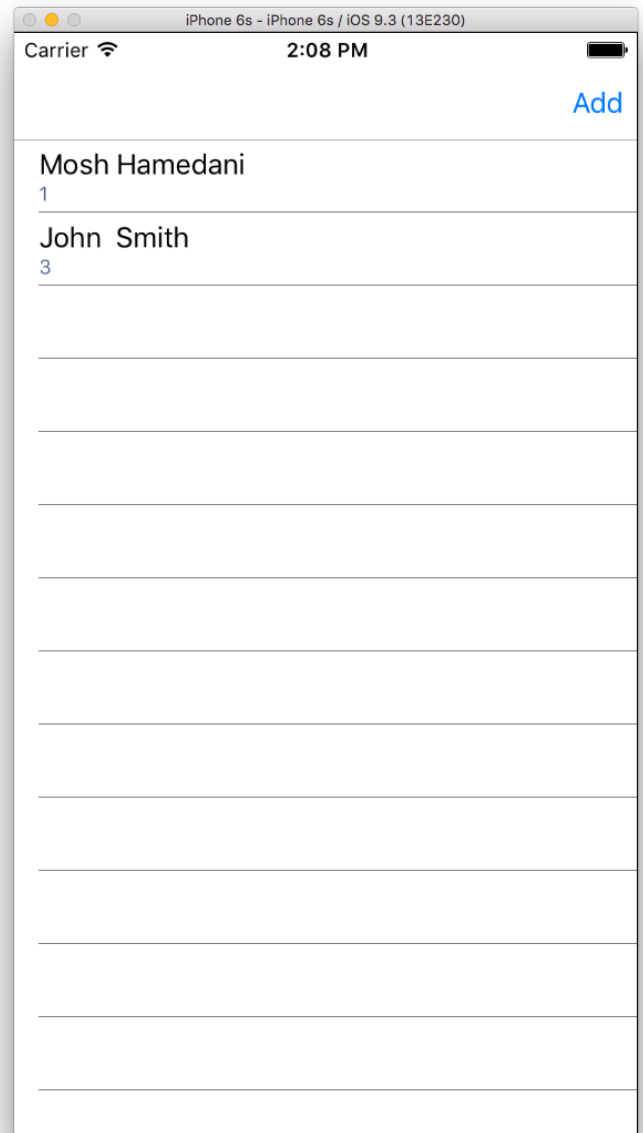1- You should use SQLite as your persistence store.

2- You should get the list of contacts in **OnAppearing** method. This method, however, is called every time **ContactsPage** appears, not just the first time. So, if you go to **ContactDetailsPage** and then come back to **ContactsPage**, data is loaded again. You can use a simple boolean flag to prevent this.

2- Be sure to implement **INotifyPropertyChanged** on related properties so when you go back to the **Contacts** page, changes are visible.

3- When you change the **FirstName** or **LastName** of a contact, you should raise **PropertyChanged** event for 2 properties: FirstName (or LastName) and FullName. Simply call **OnPropertyChanged**() twice, the second time using **nameof(FullName).**

4- For debugging purposes, if the records are not updated or deleted property, display **Contact.Id** using **Detail** property of **TextCell**.

5- If you believe your code is fine but you're getting strange behaviours, change your database file name (in **SQLiteDb.cs** in application projects). This way you can start from a clean database.

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