iOS SQLite Storage Assignment (Add Contact)

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Learning objective: Use SQLite to store contacts data.

1. **App Behavior**

Contact Page : Fig 1 shows the contact page with inputs such as name, email, phone, address, location.

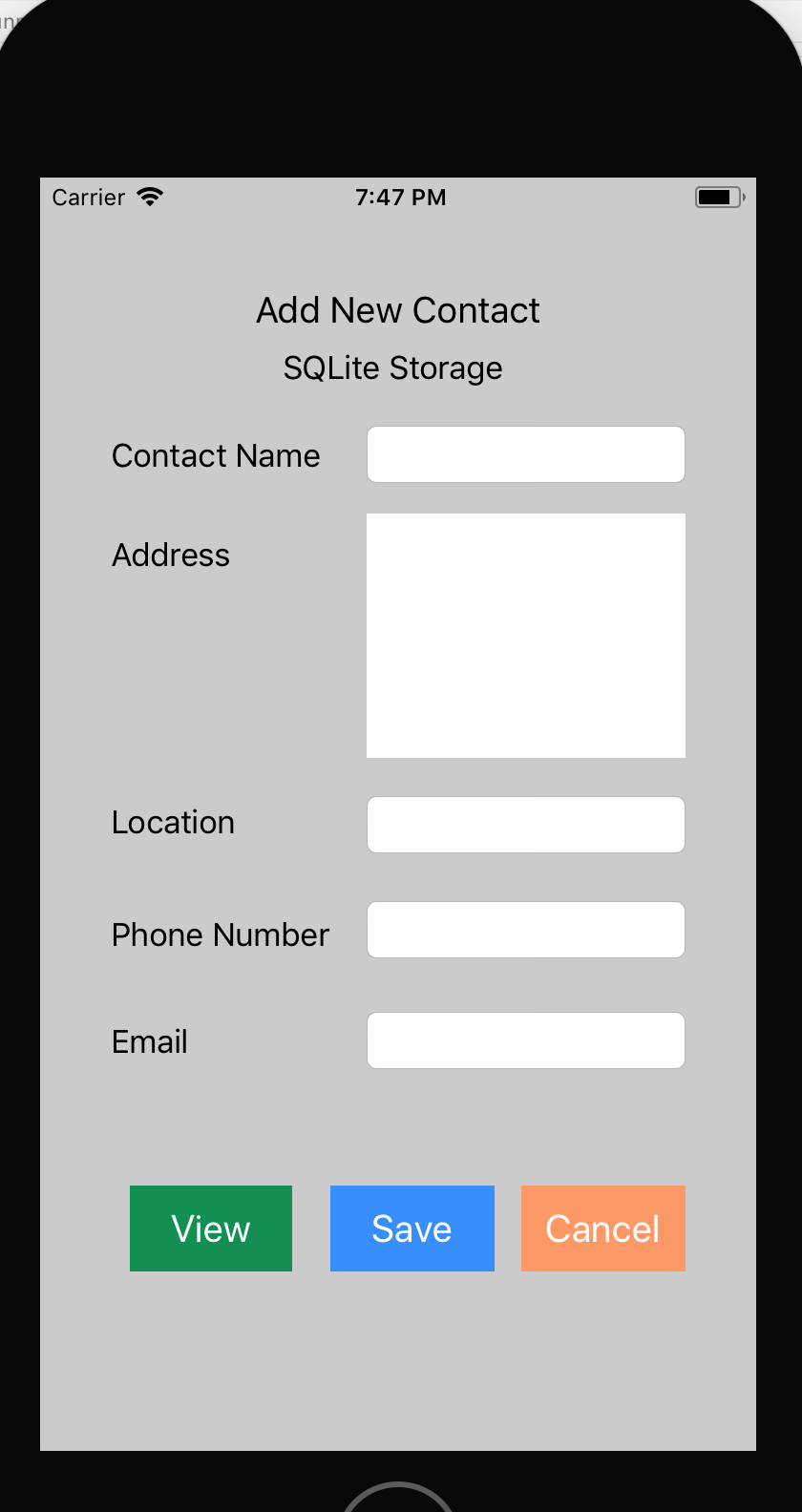
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Fig 1. Contact page

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Fig 2. Contact table gets created but no data

Fig 2 shows the values of contactsdb.db database.

Add New Contact Page : Fig 3 shows the values that will be inserted after clicking on “Save” in the contactsdb.db database.

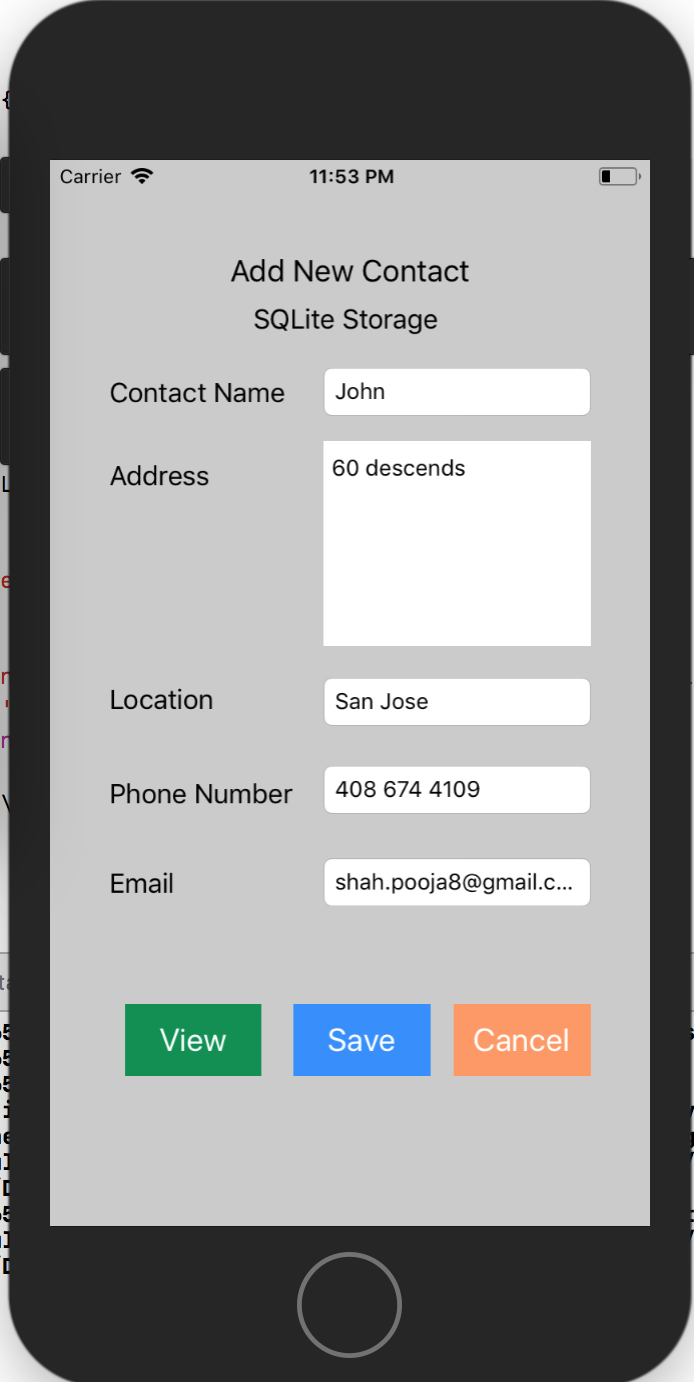
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Fig 3. Add new Contact page

View Contacts Page :Fig 4 shows the values from contactsdb.db database after clicking on “View”.

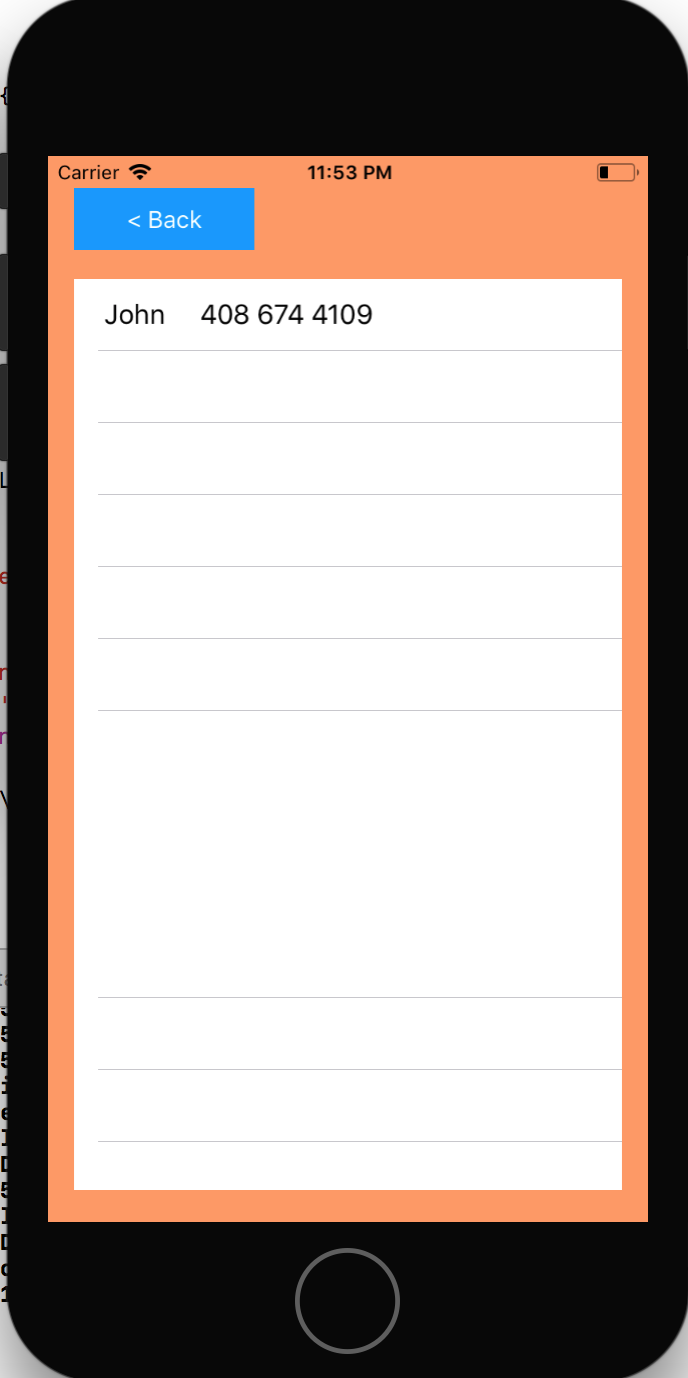
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Fig 4. View Contact page

Fig 5 shows the contactsdb.db database and its table values in SQLite. John gets added.

SQLite 

Fig 5. SQLite database and table values

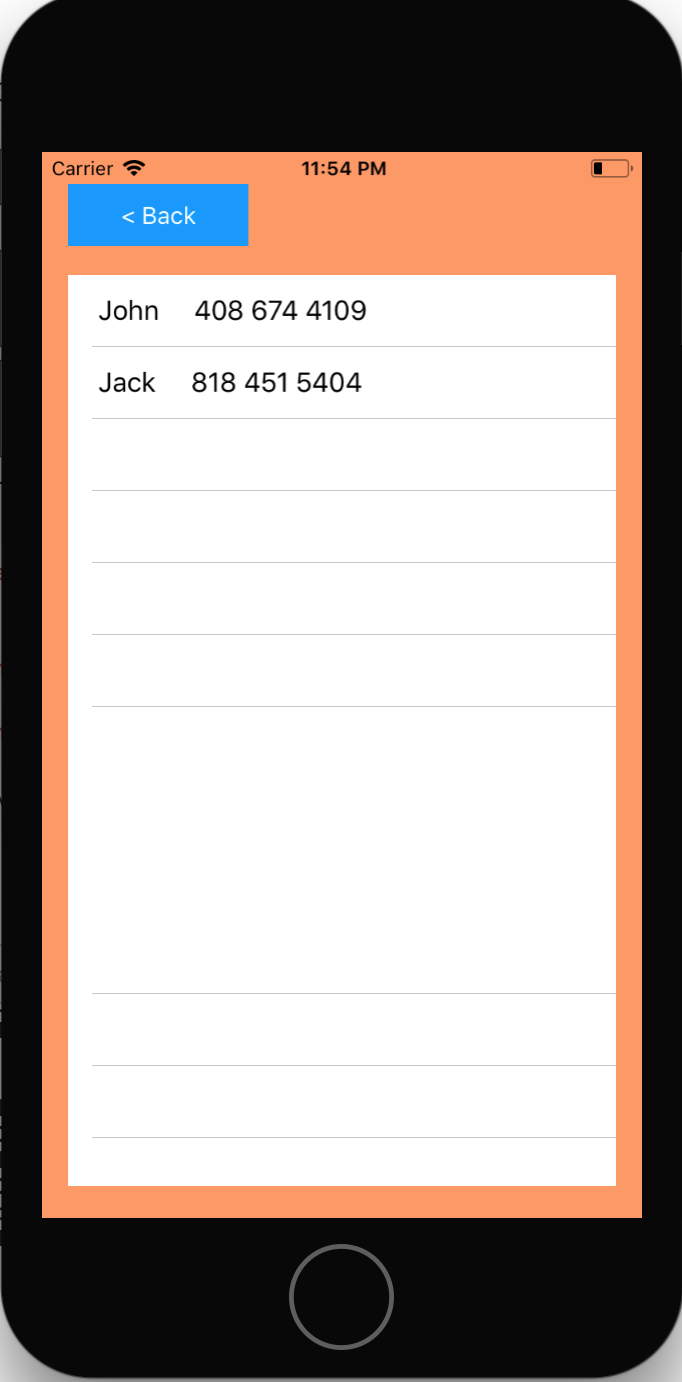


Fig 6. Adding One more entry

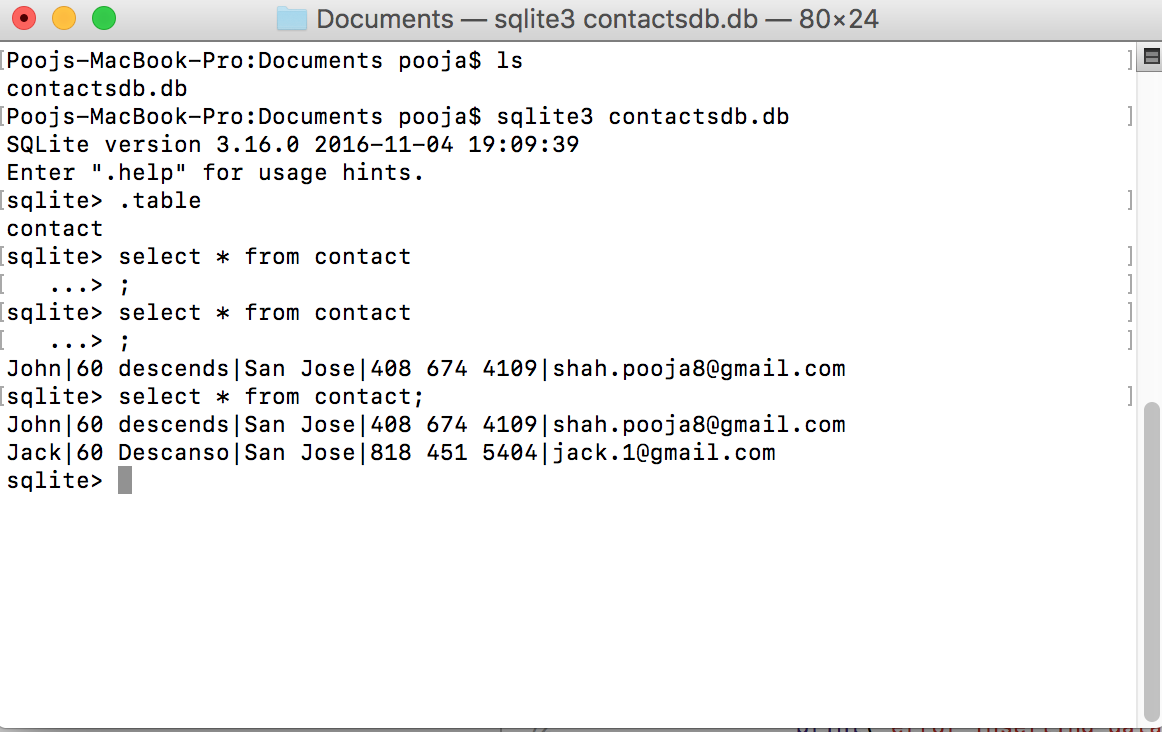


Fig 7. SQLite DB updated

1. **Technologies**

Libraries used :

1. SQLite3
2. UIKit
3. TableViewController

SQLite3 commands :

1. Create database
2. Insert into database
3. Create table
4. Select \* from table