



CMPE-297 - Special Topics

HW 4 - iOS SQLite Storage

Submitted To

Prof. Chandrasekar Vuppalapati

Date of Submission

23th Sep 2017

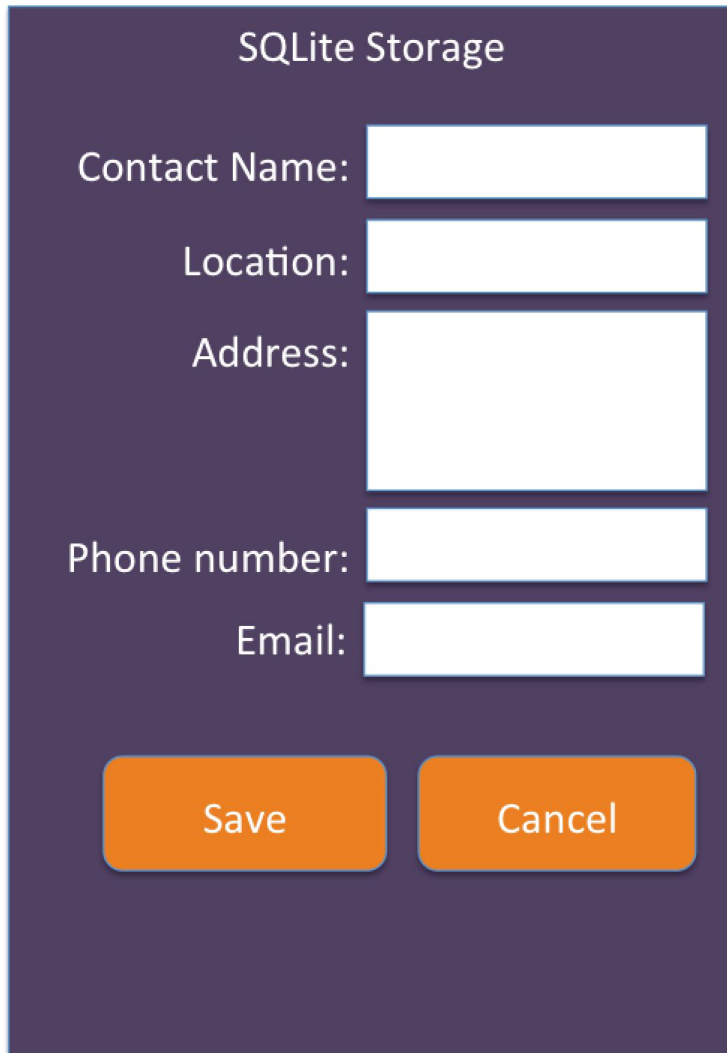
Submitted By

Sih-Han Chen - 011498552

Learning Objective:	3
GitHub:	3
1. Storyboard	4
2. Save	5
3. Cancel	6
4. Find	7

Learning Objective:

Learning objective: Use SQLite to store contacts datas.



A screenshot of a mobile application interface titled "SQLite Storage". The interface is set against a dark purple background. It contains five white text input fields arranged vertically, each preceded by a label: "Contact Name:", "Location:", "Address:", "Phone number:", and "Email:". The "Address:" field is significantly larger than the others. At the bottom of the form, there are two orange, rounded rectangular buttons labeled "Save" and "Cancel" in white text.

GitHub:

https://github.com/stephen-sh-chen/CMPE297/tree/master/HW_4_iOS_SQLite

1. Storyboard

User can enter all the contact information and click Save button to store it into SQLite.

The screenshot shows a mobile application interface with a dark purple background. At the top, the status bar displays 'Carrier', a Wi-Fi icon, the time '2:03 PM', and a battery icon. The app title 'SQLite Storage' is centered at the top in white. Below the title, there are five white input fields, each preceded by a label in white text: 'Contact Name:' with the value 'Stephen', 'Location:' with 'San Jose', 'Address:' with '1314 Lundy Av', 'Phone Number:' with '669-274-7654', and 'Email:' with 'abc@gmail.com'. Below these fields, the text 'status will show here' is displayed in a reddish-orange color. At the bottom, there are three orange buttons with white text: 'Save' and 'Cancel' are side-by-side, and 'Find' is centered below them.

Carrier 2:03 PM

SQLite Storage

Contact Name: Stephen

Location: San Jose

Address: 1314 Lundy Av

Phone Number: 669-274-7654

Email: abc@gmail.com

status will show here

Save Cancel

Find

2. Save

Once click Save all the information we just input will be stored into SQLite and the status label will show "Contact Added". Besides, all the input text field will be cleaned to wait for the next input.

The screenshot shows a mobile application interface with a dark purple background. At the top, the status bar displays 'Carrier', a Wi-Fi signal icon, the time '2:07 PM', and a battery level icon. The app title 'SQLite Storage' is centered at the top in white. Below the title, there are five white input fields, each preceded by a label: 'Contact Name:', 'Location:', 'Address:', 'Phone Number:', and 'Email:'. The 'Email:' field has a small blue cursor icon at the beginning. Below the input fields, the text 'Contact Added' is displayed in a reddish-orange color. At the bottom, there are three orange buttons with white text: 'Save' and 'Cancel' are side-by-side, and 'Find' is centered below them.

Carrier 2:07 PM

SQLite Storage

Contact Name:

Location:

Address:

Phone Number:

Email:

Contact Added

Save Cancel

Find

3. Cancel

Once click Cancel button, all the input-value would be cleared.

Carrier 2:10 PM

SQLite Storage

Contact Name:

Location:

Address:

Phone Number:

Email:

status will show here

Save Cancel

Find

4. Find

User can search the previous input contact by using the name they want to find. Once enter a name into the name text field, just click the “Find” button to make a query to SQLite.

Carrier 2:13 PM

SQLite Storage

Contact Name: Stephen

Location: San Jose

Address: 1314

Phone Number: 669

Email: sun999

Found!

Save Cancel

Find

If there is not the record in the SQLite, the status will show the “Not Found”

The image shows a mobile application interface for SQLite Storage. The background is a solid purple color. At the top, there is a status bar with the text 'Carrier' and a Wi-Fi icon on the left, '2:15 PM' in the center, and a battery icon with a lightning bolt on the right. Below the status bar, the title 'SQLite Storage' is displayed in white text. The main form area contains five input fields, each with a label to its left: 'Contact Name:' with the text 'Nobody' inside the field, 'Location:', 'Address:', 'Phone Number:', and 'Email:'. All input fields are white with rounded corners. Below the input fields, the text 'Not Found!' is displayed in a red, sans-serif font. At the bottom of the form, there are three orange buttons with white text: 'Save' and 'Cancel' are side-by-side, and 'Find' is centered below them.

Carrier 2:15 PM

SQLite Storage

Contact Name: Nobody

Location:

Address:

Phone Number:

Email:

Not Found!

Save Cancel

Find