

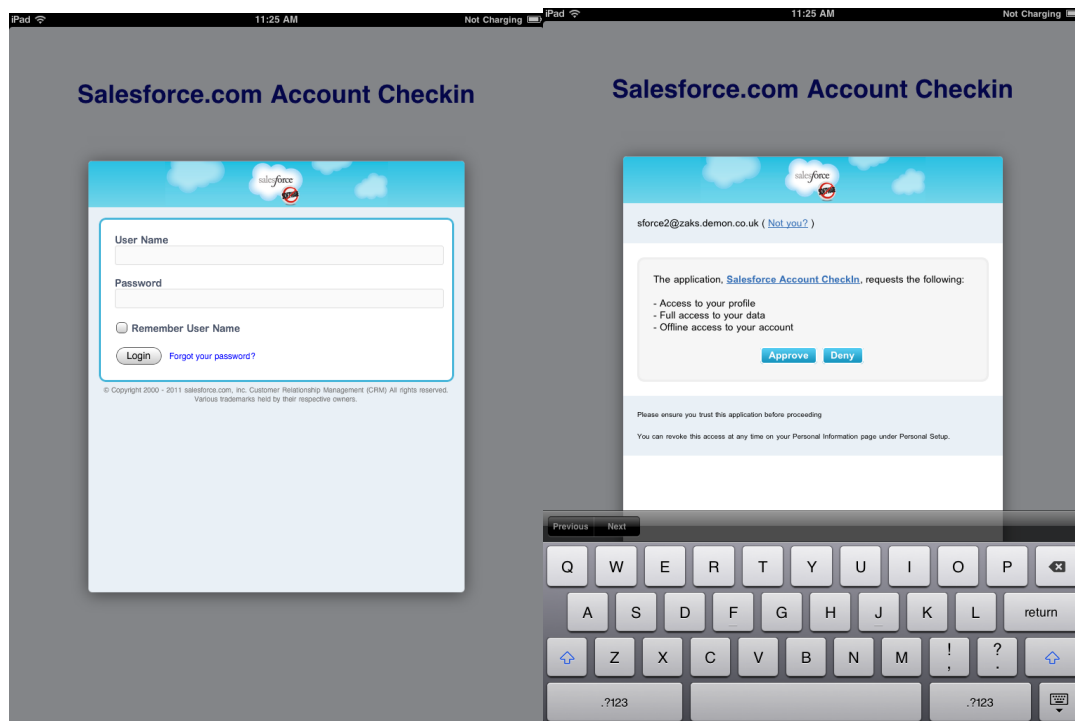
## Salesforce Account Checkin by Simon Fell

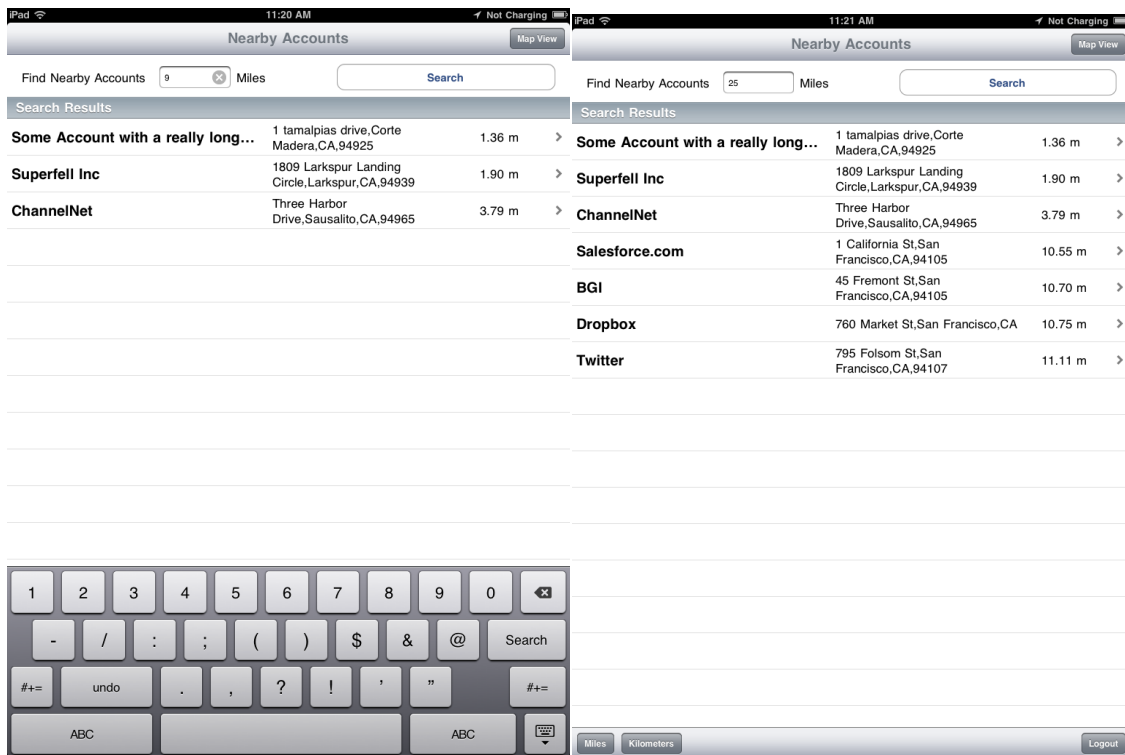
- Source code is in AccountCheckin.zip, builds with XCode4 / iOS SDK 4.3
- If you have problems with it saying Waiting for location on the emulator, make sure you're running on a mac with a direct wifi connection, or run on a real device.

## Feature Summary

- OAuth login, refresh token securely stored in keychain, no need to login on subsequent runs.
- Can use Miles or Kilometers.
- Search shows results in a table view with name,address,distance, or on a map view showing the current location, and the location of each account found.
- Detail view shows account details along with open opportunities & open activities.
- Checkin from detail view creates new completed task for that account.
- Click the address in the detail view to get directions.

## Screen Shots



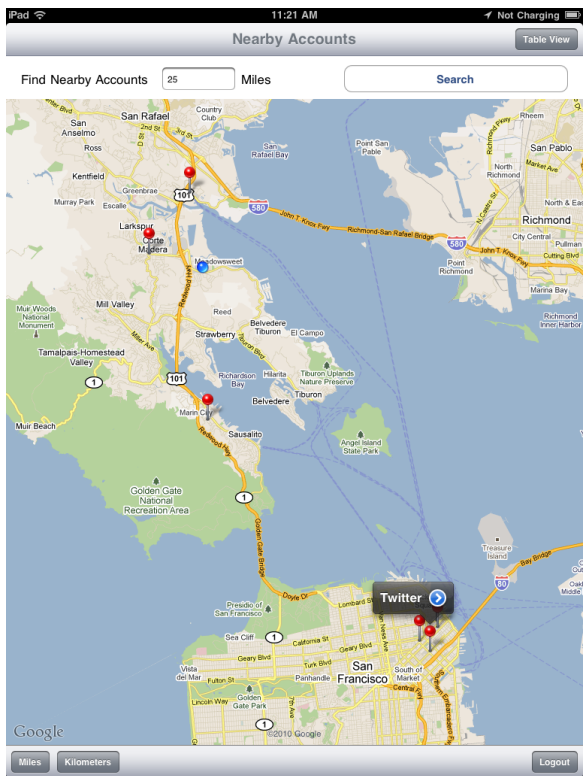


Use Miles/Kilometers buttons at bottom to switch search & results between the different measurements.

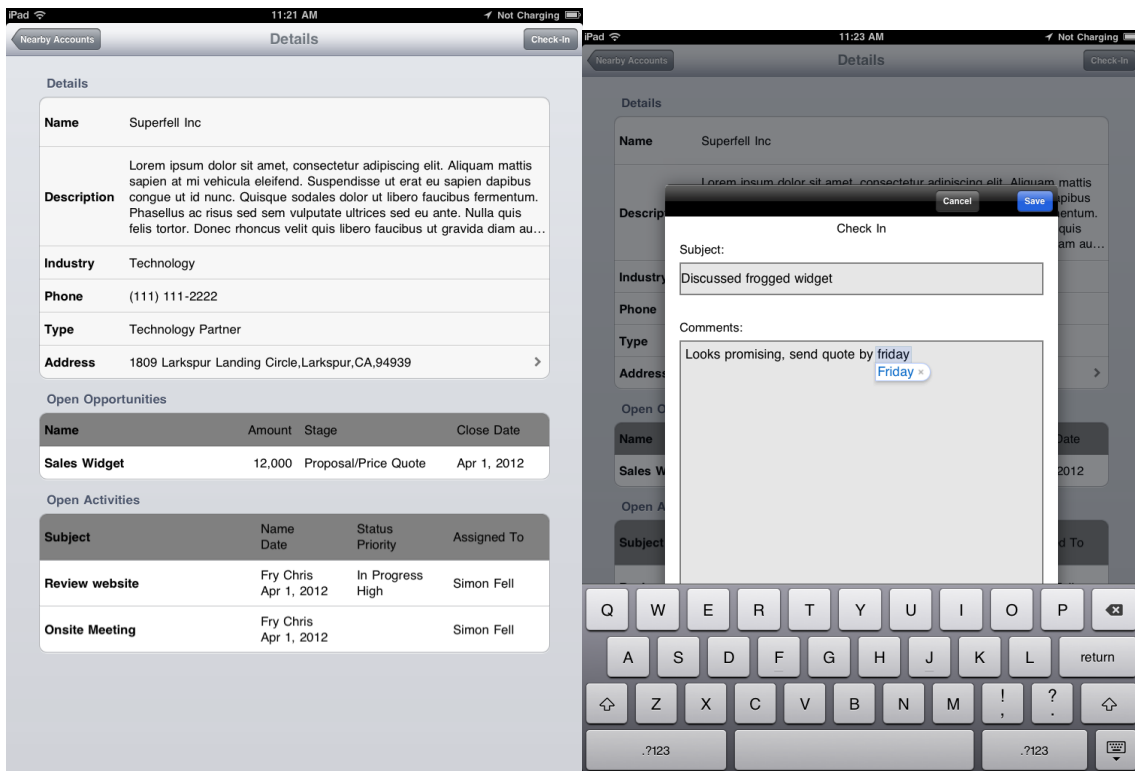
Logout will delete your saved ouath token and take you back to the login screen.

Hit the map view button at the top to see the results on a map instead of the list.

You can change the search distance and search again from either results view, the map will automatically expand/contract to show the new results. Tap on a pin on the map to see the company name, tap on the blue arrow to go to the detail page for that account (or tap the account row in the results list).



Detail View shows the requested fields, the columns in the related lists will auto resize if you turn to landscape. (same on the results list). Hit checkin to open the checkin form. Confirmation that the checkin was saved is via a “toast” message.



created checkin task as seen in salesforce

Task

Discussed frogged widget

Edit Layout | Help for this Page ?

1

7

31

Attachments [0]

Task Detail

Edit

Delete

Create Follow Up Task

Create Follow Up Event

Assigned To	Simon Fell	Status	Completed
Subject	Discussed frogged widget	Name	
Type	Meeting	Related To	<u>Superfell Inc</u>
Due Date		Email	
Phone		ChandlerId	c1
Priority	Normal		
Created By	<u>Simon Fell</u> , 5/7/2011 11:24 AM	Last Modified By	<u>Simon Fell</u> , 5/7/2011 11:24 AM
Comments	Looks promising, send quote by friday		

Reminder

Reminder☐

Edit

Delete

Create Follow Up Task

Create Follow Up Event

Click on the address row to see the directions.

iPad 11:24 AM Not Charging

Details

Directions

14 Flying Cloud Crse, Corte Madera, CA 94925, USA

2.7 mi - about 6 mins

1. Head **south** on **Flying Cloud Crse** toward **Spindrift Pse** 289 ft

2. Turn **right** onto **Spindrift Pse** 177 ft

3. Take the 1st **left** onto **Seawolf Pse** 144 ft

4. Take the 1st **right** onto **Paradise Dr** 0.3 mi

5. Continue onto **San Clemente Dr** 0.5 mi

6. Turn **left** onto **Tamalpais Dr** 266 ft

7. Merge onto **US-101 N** via the ramp to **Eureka** 1.0 mi

8. Take exit **450B** toward **Richmond Bridge** 0.3 mi

9. Merge onto **E Sir Francis Drake Blvd** 0.1 mi

10. Turn **left** onto **Larkspur Landing Cir** 0.2 mi

Destination will be on the left

1201 Larkspur Landing Cir, Larkspur, CA 94939, USA

Map data ©2011 Google

Map data ©2011 Google - [Terms of Use](#)

## Technical Notes

Uses the following 3<sup>rd</sup> party open source libraries

Json framework - <https://github.com/stig/json-framework>

iToast - <http://code.google.com/p/toast-notifications-ios/>

SFHFKeychainUtils - <https://github.com/ldandersen/scifihifi-iphone/tree/master/security>

The results map view uses the built in MapKit framework to display the map, but this doesn't support directions, so the directions view is done via an embedded webview which uses the google maps api to display the directions.

The Geo class contains the metadata about which field names to use for long/lat/address.

All sfdc access is done via the rest API.