



CMPE-297 - Special Topics

HW 6 - iOS Customer Service App Cloud

Submitted To

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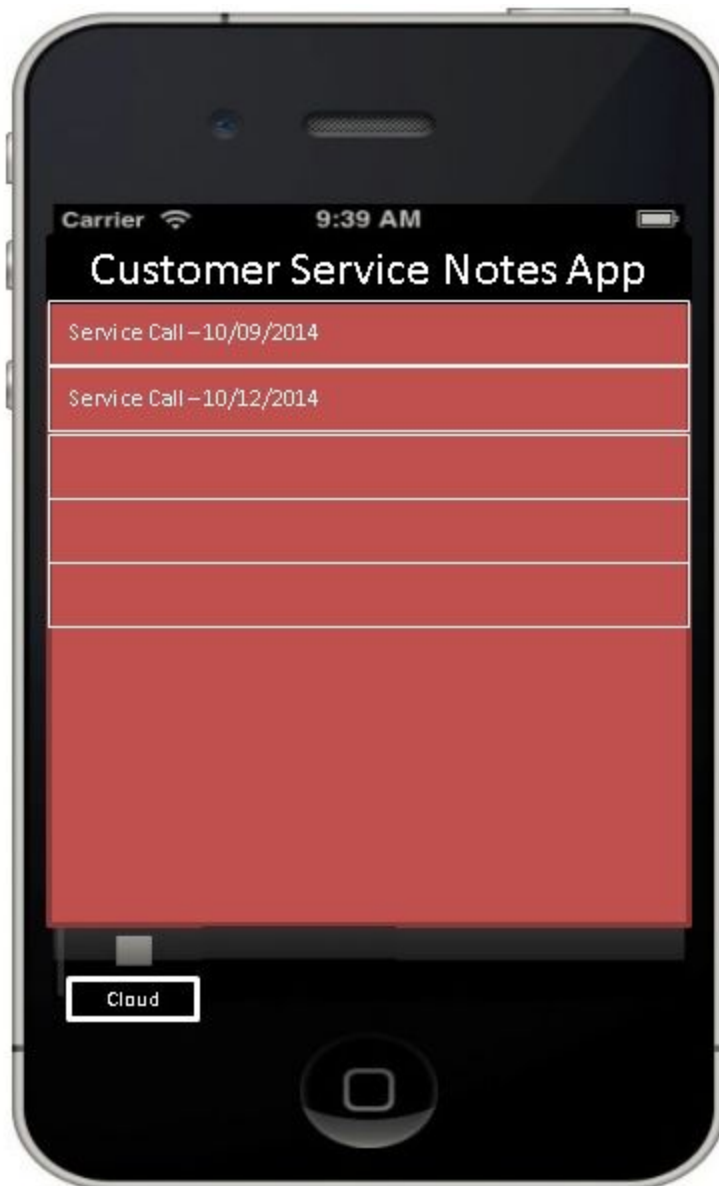
Submitted By

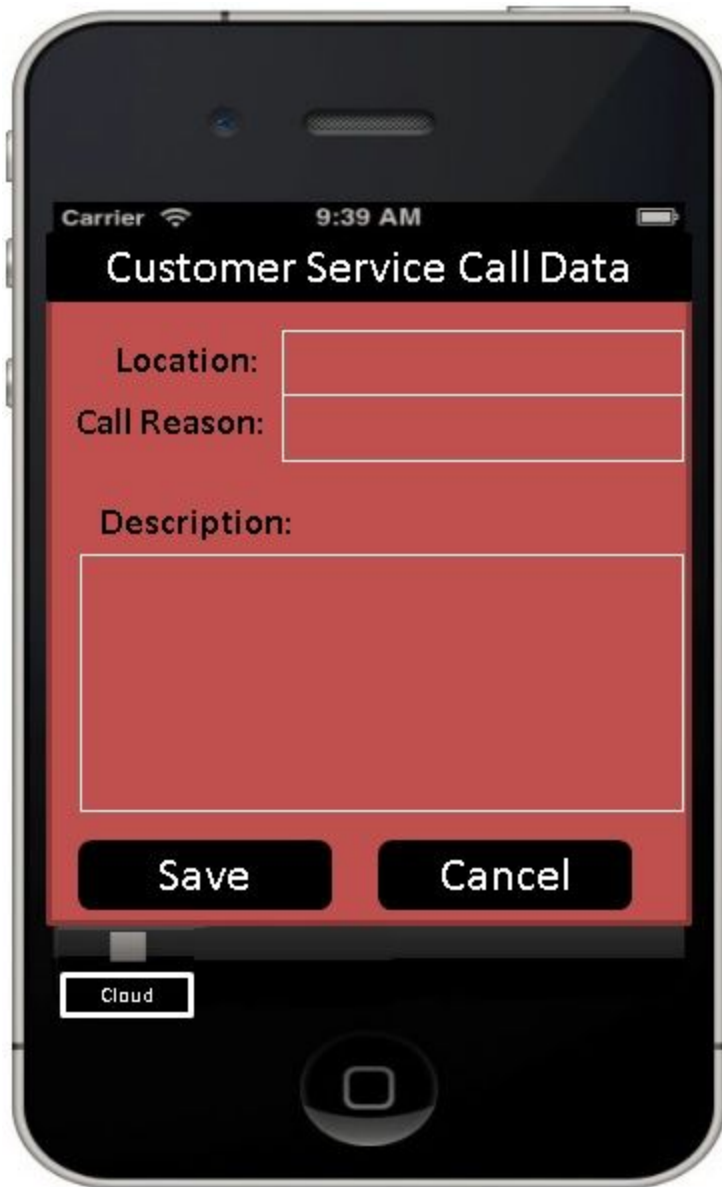
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Learning Objective:

Learning Objective: Extending the iOS Cloud Service App and store data to the Cloud





GitHub:

https://github.com/stephen-sh-chen/CMPE297/tree/master/HW6_CloudKit/icloud

1. Storyboard

Customer Service Call Data	Customer Service Notes App
<p>Location: <input type="text"/></p> <p>Call Reason: <input type="text"/></p> <p>Description: <input type="text"/></p> <p><input type="button" value="Save"/> <input type="button" value="Cancel"/></p> <p><input type="button" value="Save to Cloud"/></p>	<p>Service Call 2017/10/05</p> <p>Service Call 2017/10/05</p> <p>Service Call 2017/10/05</p> <p>Service Call 2017/10/05</p> <p><input type="button" value="Cloud"/></p> <p><input type="button" value="Close"/></p>

2. Save

Customer Service Call Data

Location:

Fremont

Call Reason:

no signal

Description:

No 4G signal service

Save

Cancel

Save to Cloud

```
118     func saveLocally() {
119         print("Save locally...")
120         defaultKeyStore?.set(generateLocalString(), forKey: DefaultsTextKey)
121         defaultKeyStore?.synchronize()
122     }
123 }
124
```

Save locally...

3. Save to Cloud

Customer Service Call Data

Location:

SunnyVale

Call Reason:

power outage

Description:

No power during midnight

Save

Cancel

Save to Cloud

iCloud.CMPE297iCloud > Development Data

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ZONES

RECORDS

RECORD TYPES

INDEXES

SUBSCRIPTIONS

SUBSCRIPTION TYPES

SECURITY ROLES

LOAD RECORDS FROM:

Public Database

..defaultZone

USING:

Query

Fetch

Changes

QUERY FOR RECORDS OF TYPE:

CallData

Filter by: Add filters...

Sort by: Add sorts...

Query Records

Query for records of the type "CallData" that are in the ".defaultZone" zone of the "public" database.

Create New Record...

Accept Shared Record...

Record Name	Record Type	Fields	Ch. Tag	Created	Modified
2A37664A-AC5F-49F4-9282-892C...	CallData	reason, name, description, location	j8esiqke	Thu Oct 05 2017 11:23:26 GMT-0...	Thu Oct 05 2017 11:23:26 GMT-0...
88CEEE6C-151F-4F6E-A856-54150...	CallData	reason, name, description, location	j8esiury	Thu Oct 05 2017 11:23:31 GMT-07...	Thu Oct 05 2017 11:23:31 GMT-07...
D807E34C-33FC-4EDF-BF41-FCB5...	CallData	reason, name, description, location	j8esftzi	Thu Oct 05 2017 11:20:34 GMT-0...	Thu Oct 05 2017 11:20:34 GMT-0...
EC98ECE8-417C-4E40-88C4-3D2CCB00E5CE	CallData	reason power outage name Service Call 2017/10/05 description No power during midnight location SunnyVale	j8eshluo	Thu Oct 05 2017 11:22:29 GMT-0700 (PDT)	Thu Oct 05 2017 11:22:29 GMT-0700 (PDT) ✖

4. Table List

Customer Service Notes App

Service Call 2017/10/05

Service Call 2017/10/05

Service Call 2017/10/05

Service Call 2017/10/05

Cloud

Close

Cloud side can see the record that we just input through the App.

ICloud.CMPE297/Cloud > Development Data

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ZONESRECORDSRECORD TYPESINDEXESSUBSCRIPTIONSSUBSCRIPTION TYPESSECURITY ROLES

LOAD RECORDS FROM:
Public Database
_defaultZone
USING:
QueryFetchChanges
QUERY FOR RECORDS OF TYPE:
CalData
Filter by: Add filters...
Sort by: Add sorts...
Query Records
Query for records of the type "CalData" that are in the "_defaultZone" zone of the "public" database.
Create New Record...
Accept Shared Record...

Record Name	Record Type	Fields	Ch. Tag	Created	Modified
2A37664A-AC5F-49F4-9282-892CDAD1275C	CalData	reason no signal name Service Call 2017/10/05 description No 4G signal service location Fremont	j8esiqke	Thu Oct 05 2017 11:23:26 GMT-0700 (PDT)	Thu Oct 05 2017 11:23:26 GMT-0700 (PDT)
88CEEE6C-151F-4F6E-A856-54150874CDDC	CalData	reason no signal name Service Call 2017/10/05 description No 4G signal service location Fremont	j8eslury	Thu Oct 05 2017 11:23:31 GMT-0700 (PDT)	Thu Oct 05 2017 11:23:31 GMT-0700 (PDT)
DB07E34C-33FC-4EDF-8F41-FCB5A19AD07C	CalData	reason bill problem name Service Call 2017/10/05 description Credit card auth failed location San Jose	j8esftzi	Thu Oct 05 2017 11:20:34 GMT-0700 (PDT)	Thu Oct 05 2017 11:20:34 GMT-0700 (PDT)
EC96ECE8-417C-4E40-88C4-3D2CC800E5CE	CalData	reason power outage name Service Call 2017/10/05 description No power during midnight location SunnyVale	j8eshlao	Thu Oct 05 2017 11:22:29 GMT-0700 (PDT)	Thu Oct 05 2017 11:22:29 GMT-0700 (PDT)