

System Preferences

Show All

Search: password

Personal



General



Desktop &
Screen Saver



Dock



Mission
Control



Language
& Text



Security
& Privacy

Restrict changing password

PPPoE account and password

Bluetooth account and password

Modem account and password

Require password for Wi-Fi

WWAN account and password

Require password to wake computer

Login name and password

User or group account

Screen saver

Sign up with MobileMe

Login window settings

iDisk

Mail, Contacts & Calendars

Hardware



CDs & DVDs



Displays



Energy
Saver



Keyboard



Mouse



Trackpad

Pr

Internet & Wireless



iCloud



Mail, Contacts
& Calendars



MobileMe



Network



Bluetooth



Sharing

System



Users &
Groups



Parental
Controls



Date & Time



Software
Update



Speech



Time Machine



Startup Disk

Other



Growl



HP Scanjet
Scanner



MacFUSE



MySQL

Figure 19.1
Use System Preferences on Mac OS.

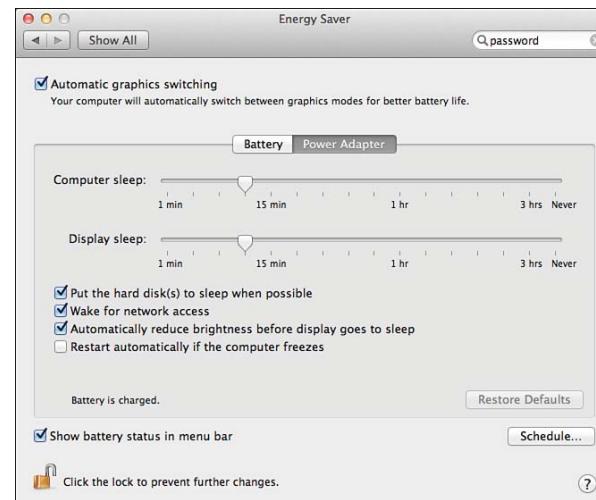
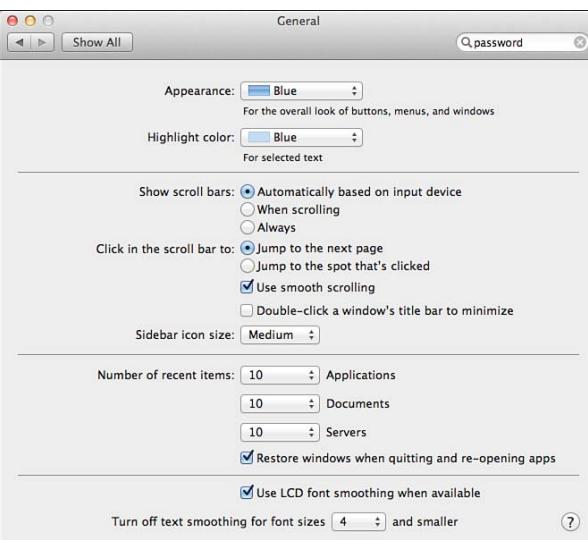


Figure 19.2
Set specific settings.



iOS Simulator – iPad / iOS 5.0 (9A5302b)

iOS Simulator – iPad / iOS 5.0 (9A5302b)



Figure 19.3
Use Settings on iOS for iPad.



Figure 19.4
Use Settings on iOS for iPhone.

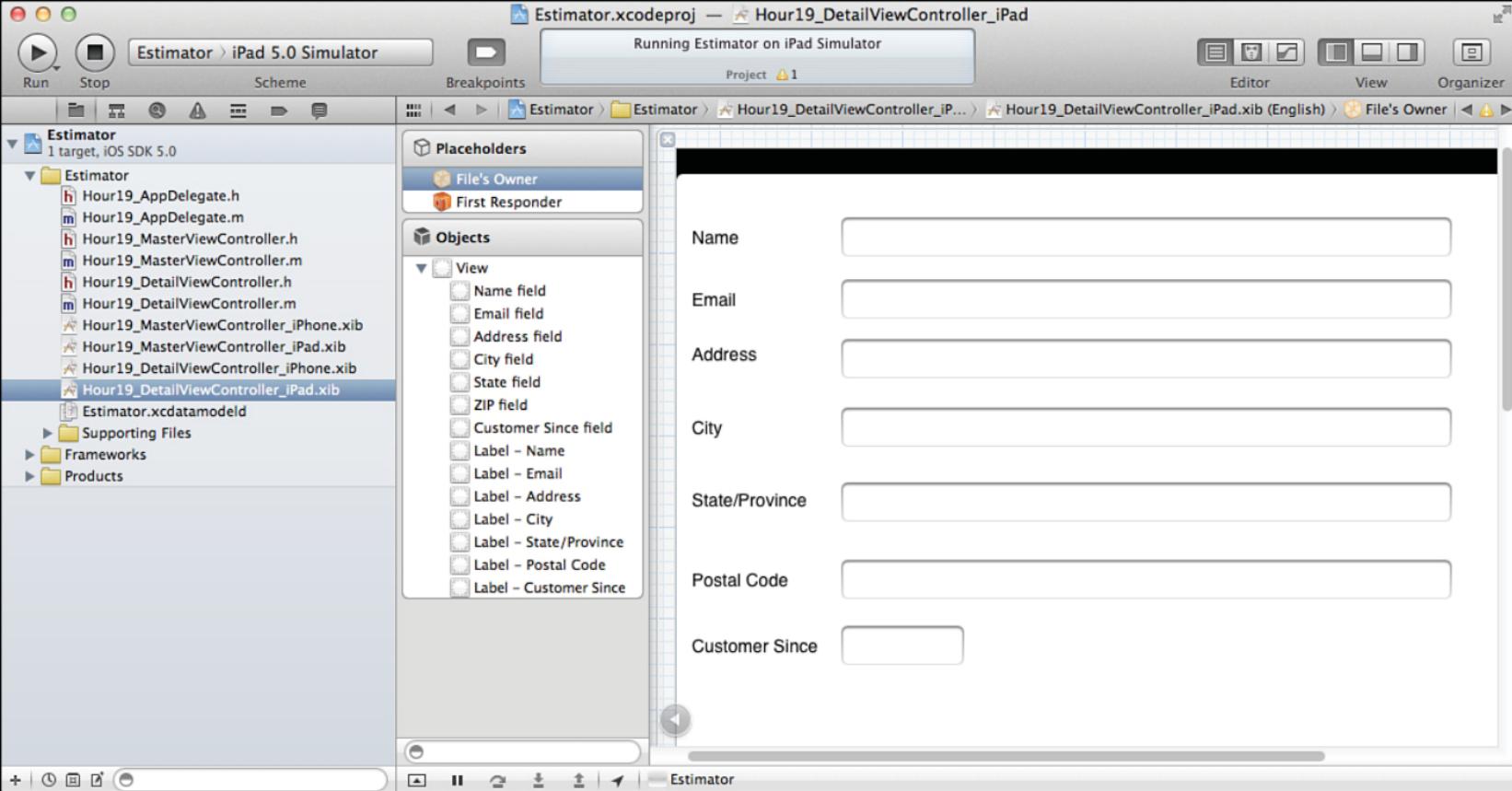


Figure 19.5
View the Estimator interface on iPad.

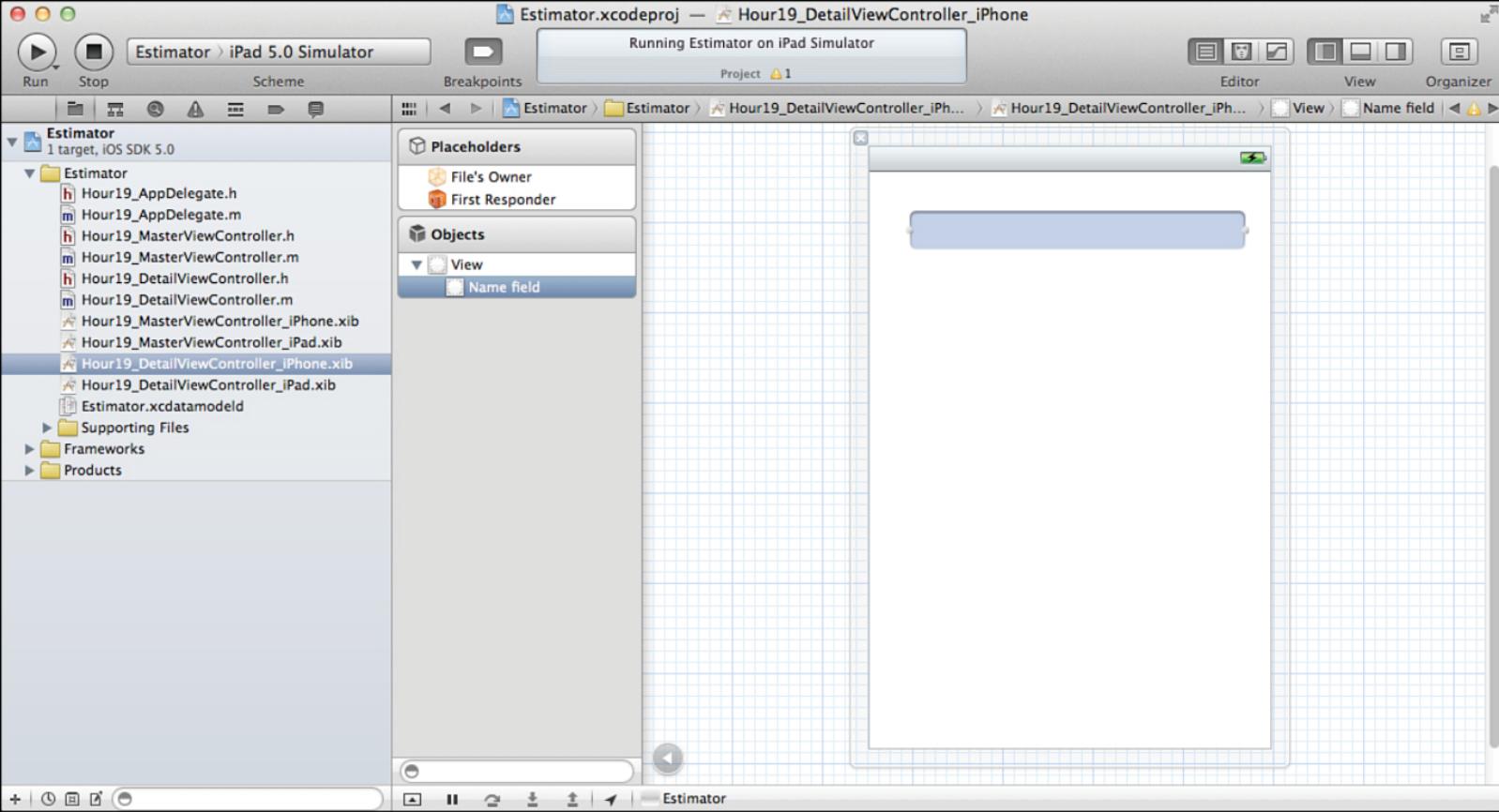


Figure 19.6
The iPhone interface is incomplete.

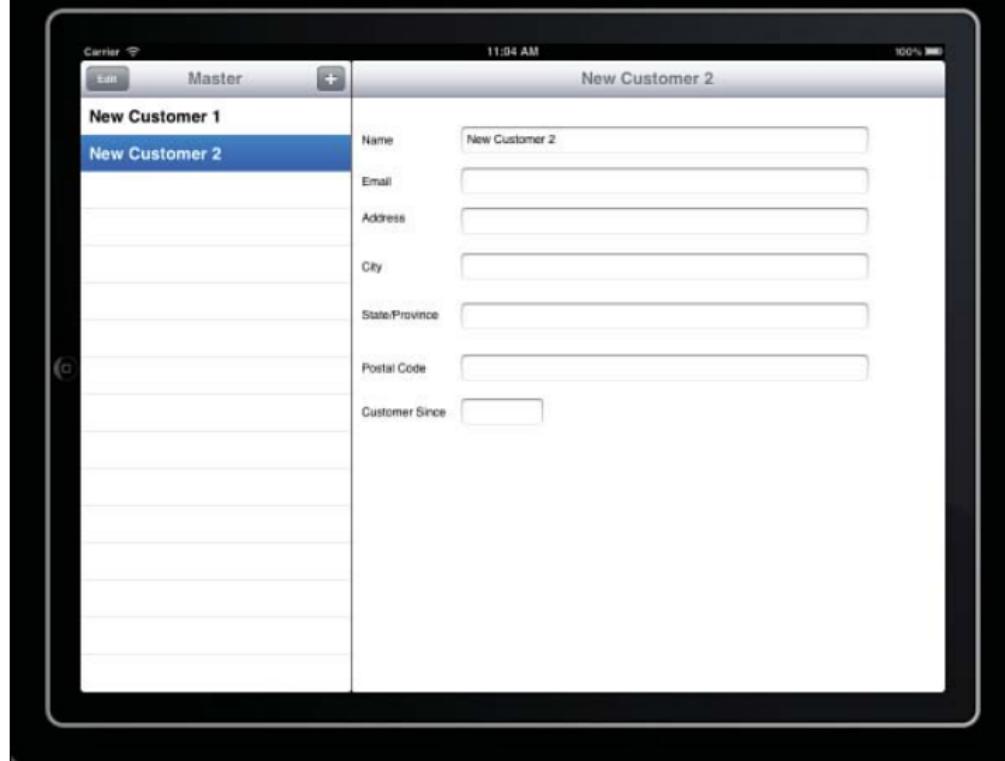


Figure 19.7

View the Master-Detail Application template in landscape on iPad.



Figure 19.8

View the Master-Detail Application template in portrait on iPad.

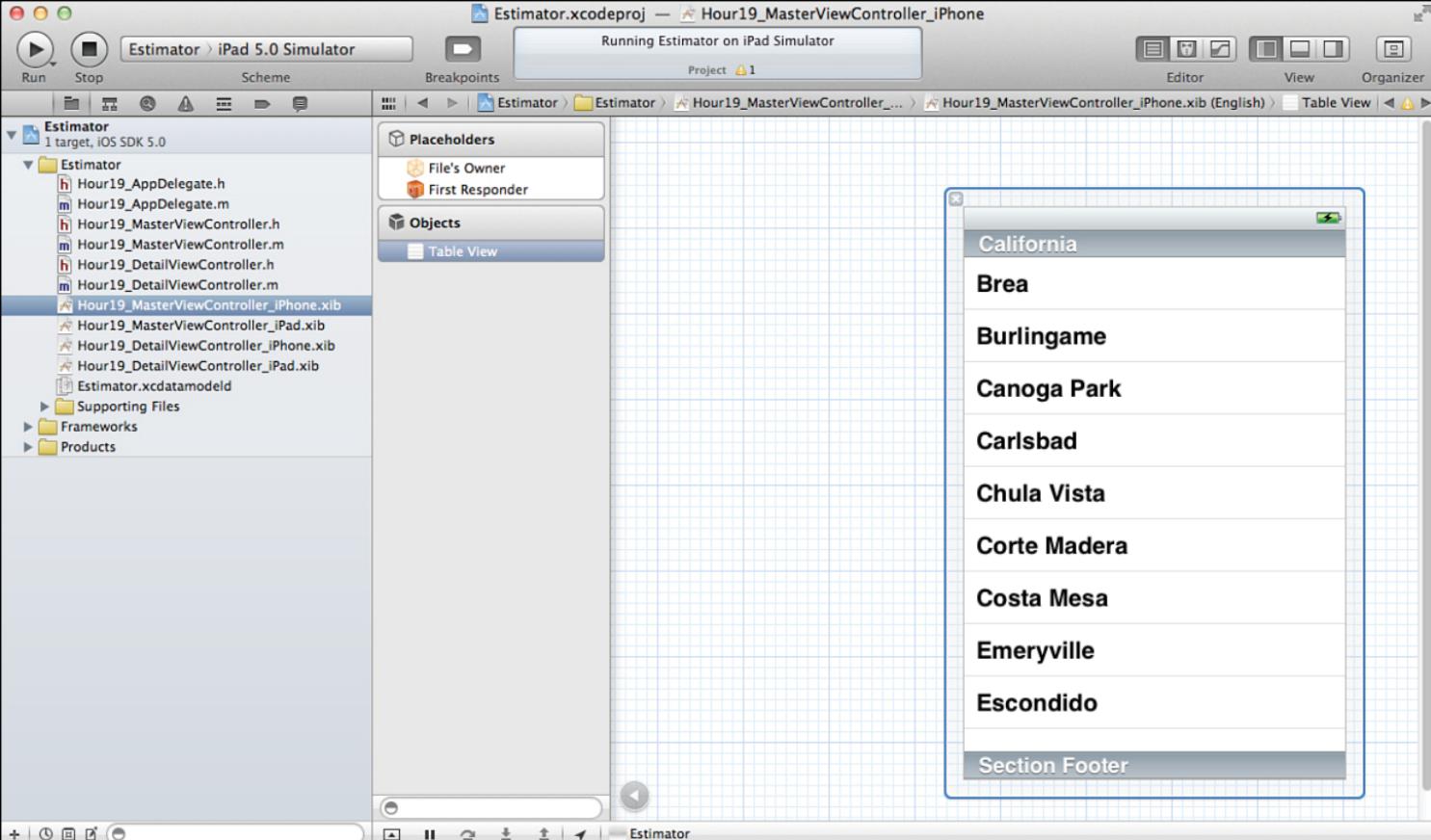


Figure 19.9
In Interface Builder editor, the UITableView object has dummy data.

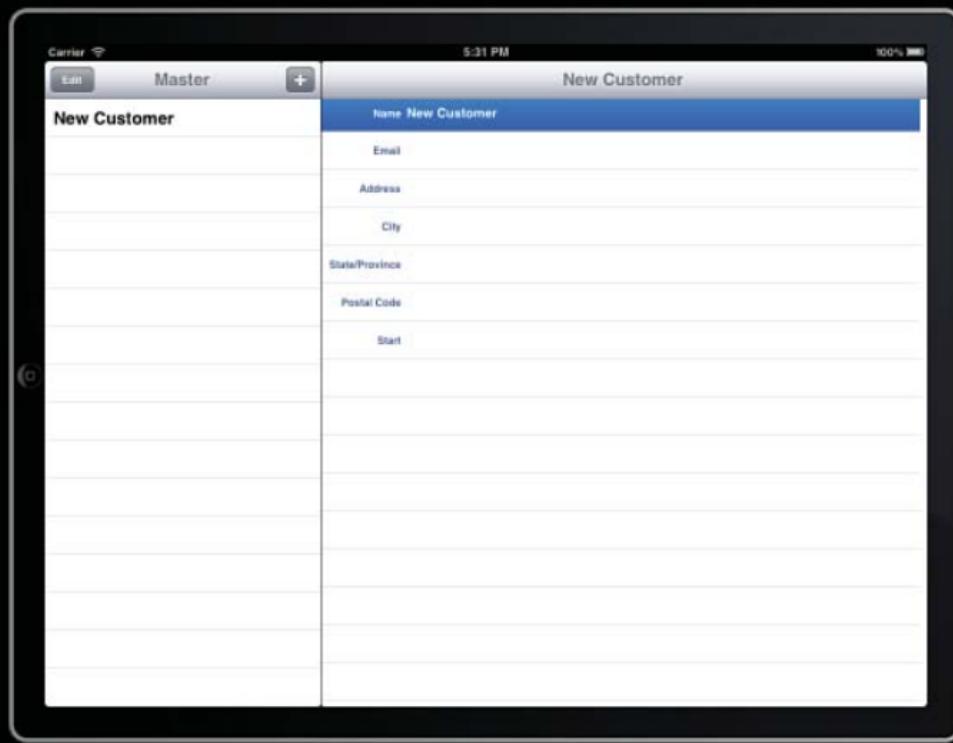


Figure 19.10
Convert separate fields to a table view.

Estimator.xcodeproj — Hour19_DetailViewController.h

Build Estimator: Succeeded | Today at 1:33 PM

Editor View Organizer

Run Stop Scheme Breakpoints

Estimator 1 target, iOS SDK 5.0

Estimator

- Hour19_AppDelegate.h
- Hour19_AppDelegate.m
- Hour19_MasterViewController.h
- Hour19_MasterViewController.m
- Hour19_DetailViewController.h
- Hour19_DetailViewController.m
- Hour19_MasterViewController_iPhone.xib
- Hour19_MasterViewController_iPad.xib
- Hour19_DetailViewController_iPhone.xib
- Hour19_DetailViewController_iPad.xib

Estimator.xcdatamodeld

Supporting Files

Frameworks

Products

```
// Hour19_DetailViewController.h
// Estimator
//
// Created by Jesse Feiler on 8/9/11.
// Copyright (c) 2011 another. All rights reserved.
//

#import <UIKit/UIKit.h>

@interface Hour19_DetailViewController : UIViewController <
    UISplitViewControllerDelegate> {

}

@property (strong, nonatomic) NSManagedObject *detailItem;

@property (strong, nonatomic) IBOutlet UITextField *name;
@property (strong, nonatomic) IBOutlet UITextField *email;
@property (strong, nonatomic) IBOutlet UITextField *address;
@property (strong, nonatomic) IBOutlet UITextField *city;
@property (strong, nonatomic) IBOutlet UITextField *state;
@property (strong, nonatomic) IBOutlet UITextField *zip;
@property (strong, nonatomic) IBOutlet UITextField *customerSince;

- (void) save;

@end
```

Quick Help

Name: @property

No Quick Help

Search Documentation

Object Library

- Push Button – Intercepts mouse-down events and sends an action message to a target object when it's clicked or...
- Gradient Button – Intercepts mouse-down events and sends an action message to a target object when it's...
- Rounded Rect Button – Intercepts mouse-down events and sends an action message to a target object...

Figure 19.11
Delete properties for the interface fields.

Estimator.xcodeproj — Hour19_DetailViewController.m

Run Stop Scheme Breakpoints Project 10

Editor View Organizer

Estimator 1 target, iOS SDK 5.0

Estimator

- Hour19_AppDelegate.h
- Hour19_AppDelegate.m
- Hour19_MasterViewController.h
- Hour19_MasterViewController.m
- Hour19_DetailViewController.h
- Hour19_DetailViewController.m
- Hour19_MasterViewController_iPhone.xib
- Hour19_MasterViewController_iPad.xib
- Hour19_DetailViewController_iPhone.xib
- Hour19_DetailViewController_iPad.xib
- Estimator.xcdatamodeld
- Supporting Files
- Frameworks
- Products

Finished running Estimator

name

```
14
15 @property (strong, nonatomic) UIPopoverController *popoverController;
16
17 - (void)configureView;
18
19 @end
20
21 @implementation Hour19_DetailViewController
22
23 @synthesize estimatorTableView = _estimatorTableView;
24 @synthesize detailItem = _detailItem;
25 @synthesize name = _name;
26 @synthesize email = _email;
27 @synthesize address = _address;
28 @synthesize city = _city;
29 @synthesize state = _state;
30 @synthesize zip = _zip;
31 @synthesize customerSince = _customerSince;
32 @synthesize popoverController = _myPopoverController;
33 @synthesize numberFormatter;
34
35
```

// Hour19_DetailViewController.h
// Estimator
// Created by Jesse Feiler on 8/9/11.
// Copyright (c) 2011 another. All rights reserved.

#import <UIKit/UIKit.h>

@interface Hour19_DetailViewController : UIViewController <UISplitViewControllerDelegate> {
}

@property (strong, nonatomic) IBOutlet UITableView *estimatorTableView;
@property (strong, nonatomic) NSManagedObject *detailItem;

- (void) save;
@end

Quick Help

Name: @synthesize

No Quick Help

Search Documentation

Objects

Table View – Displays data in a list of plain, sectioned, or grouped rows.

Table View Cell – Defines the attributes and behavior of cells (rows) in a table view.

Image View – Displays a single image, or an animation described by an array of images.

Text View – Displays multiple lines of editable text and sends an action message to a target object when...

Web View – Displays embedded web content and enables content navigation.

Map View – Displays maps and provides an embeddable interface to navigate map content.

Figure 19.12
Delete `synthesize` statements no longer needed.

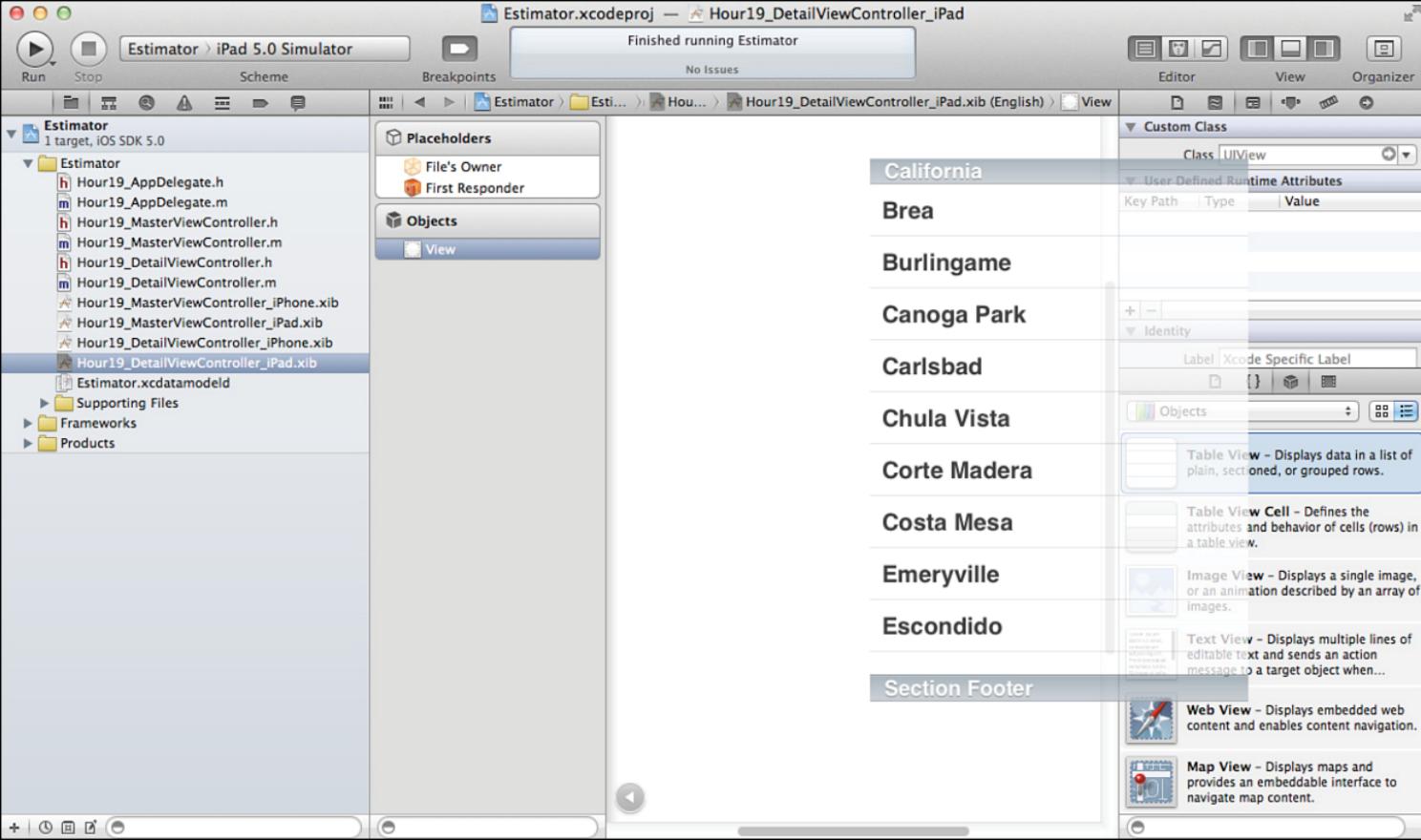


Figure 19.13
Start to build the table-based interface.

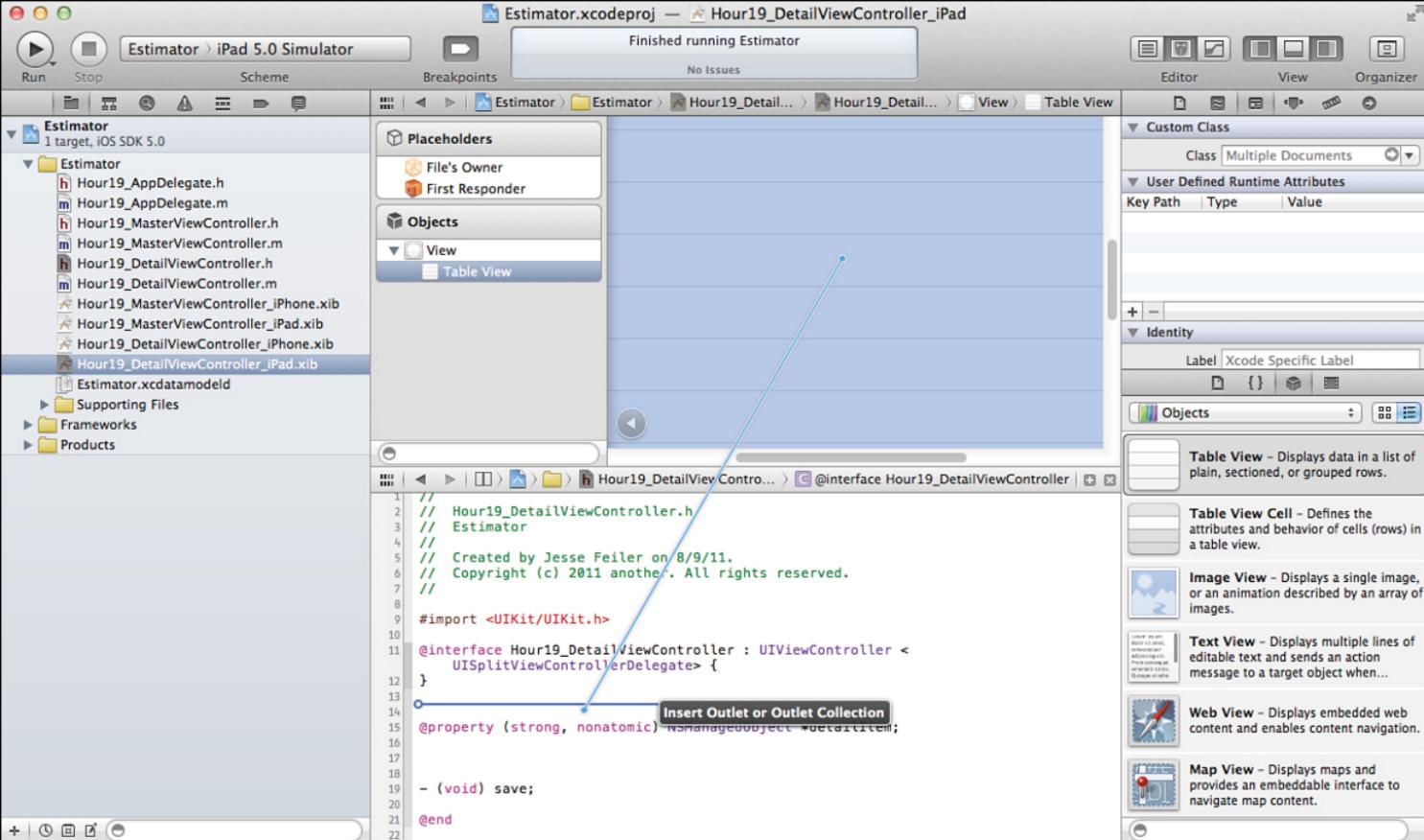


Figure 19.14
Use the assistant view to open the interface file.

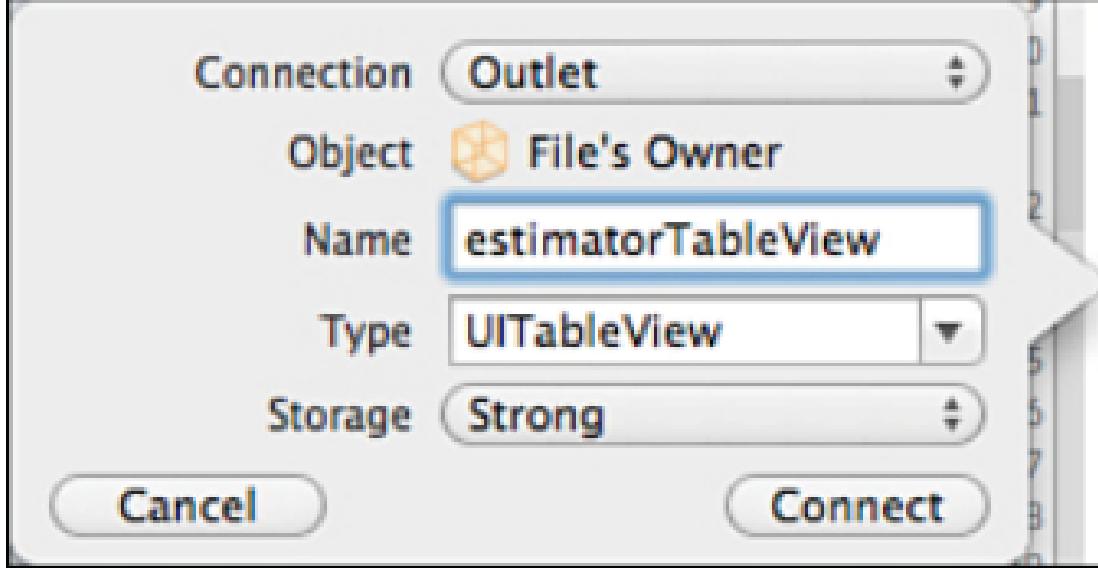


Figure 19.15
Create and attach an outlet for the view.

The screenshot shows the Xcode interface with the jump bar at the top. The jump bar contains several sections: "Managing the detail item", "Object lifecycle", "View lifecycle", "UITableViewDataSource Protocol", and "Split view". The "Split view" section is highlighted with a blue background, indicating it is the current active section.

```
C @interface Hour19_DetailViewController()
P numberFormatter
P popoverController
M -configureView
✓ C @implementation Hour19_DetailViewController
P estimatorTableView
P detailItem
P popoverController
P numberFormatter
M -numberFormatter
M -initWithNibName:bundle:

Managing the detail item
M -setDetailItem:
M -configureView
M -didReceiveMemoryWarning

Object lifecycle
M -save

View lifecycle
M -viewDidLoad
M -viewDidUnload
M -viewWillAppear:
M -viewDidAppear:
M -viewWillDisappear:
M -viewDidDisappear:
M -shouldAutorotateToInterfaceOrientation:

UITableViewDataSource Protocol
M -numberOfSectionsInTableView:
M -tableView:numberOfRowsInSection:
M -tableView:cellForRowAtIndexPath:
M -tableView:commitEditingStyle:forRowAtIndexPath:
M -tableView:canMoveRowAtIndexPath:
M -tableView:didSelectRowAtIndexPath:

Split view
M -splitViewController:willHideViewController:withBarButtonItem:forPopoverController:
M -splitViewController:willShowViewController:invalidatingBarButtonItem:
```

Figure 19.16

Use the jump bar to help you decide where to put the new section of code.

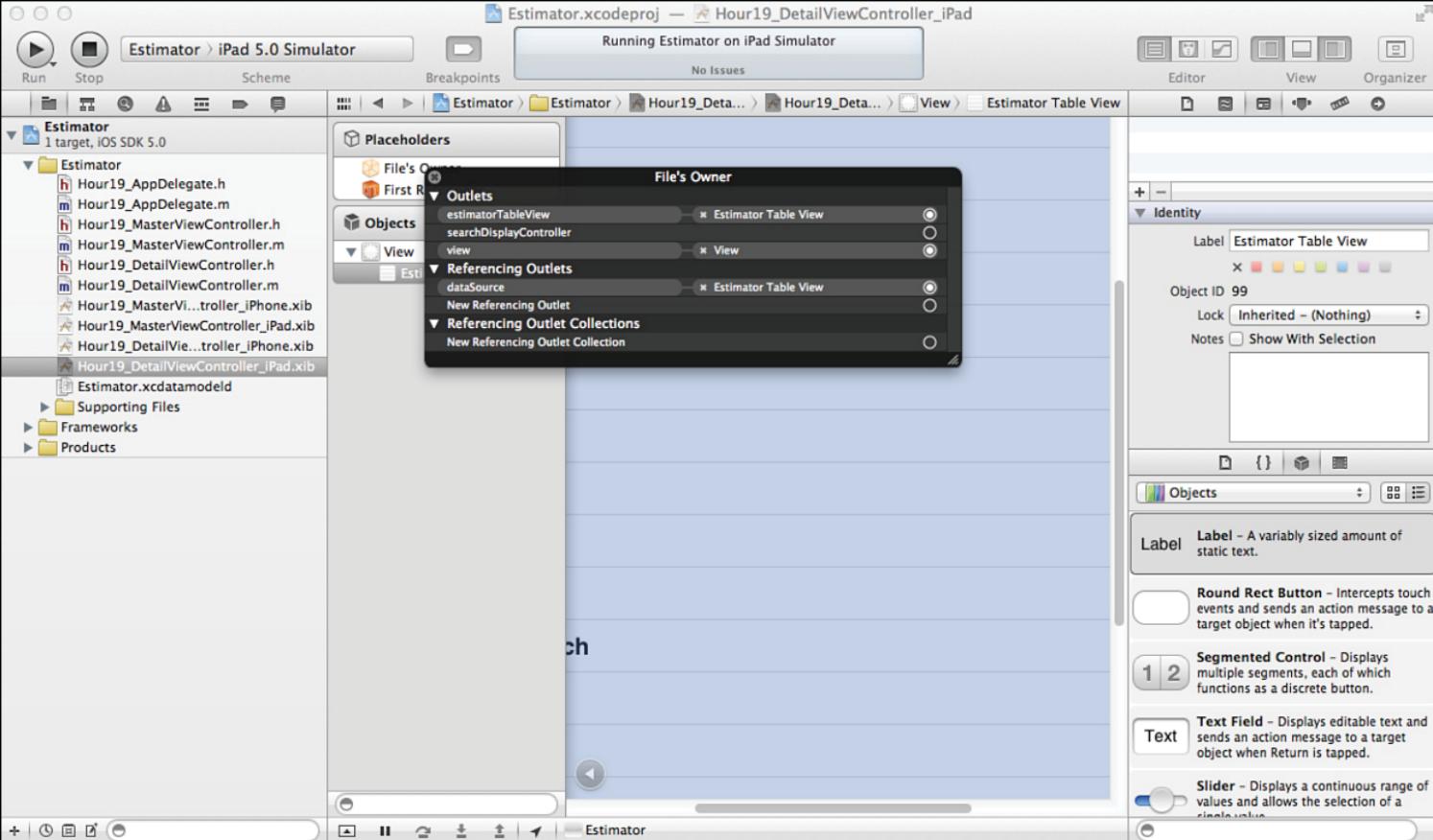


Figure 19.17

Connect Estimator Table View to File's Owner as data source and estimator TableView.

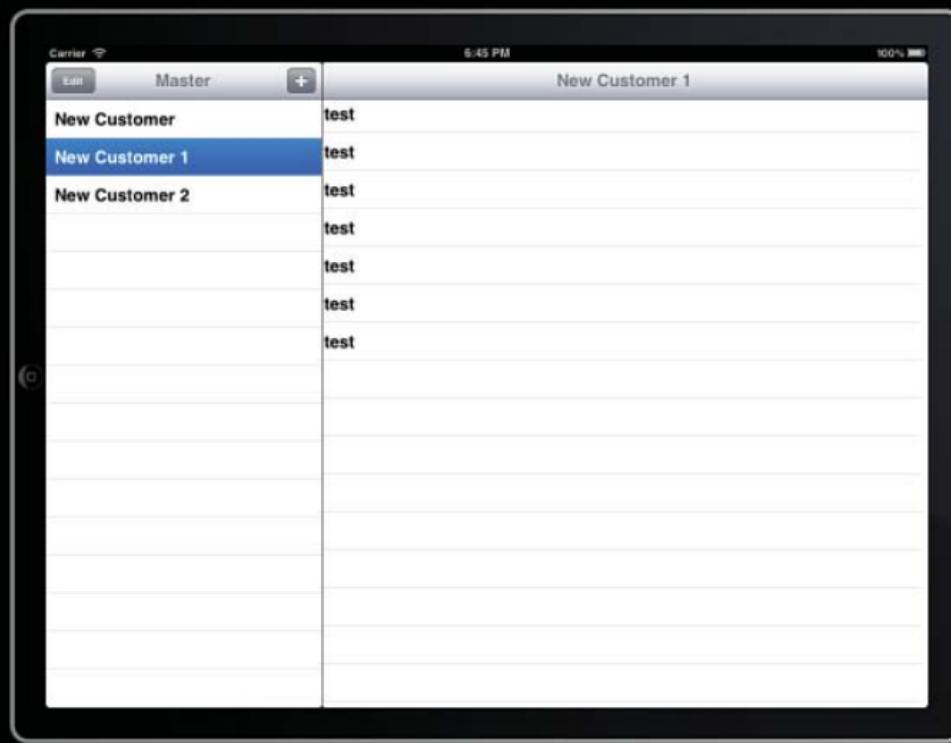


Figure 19.18
Test the table view with default text.

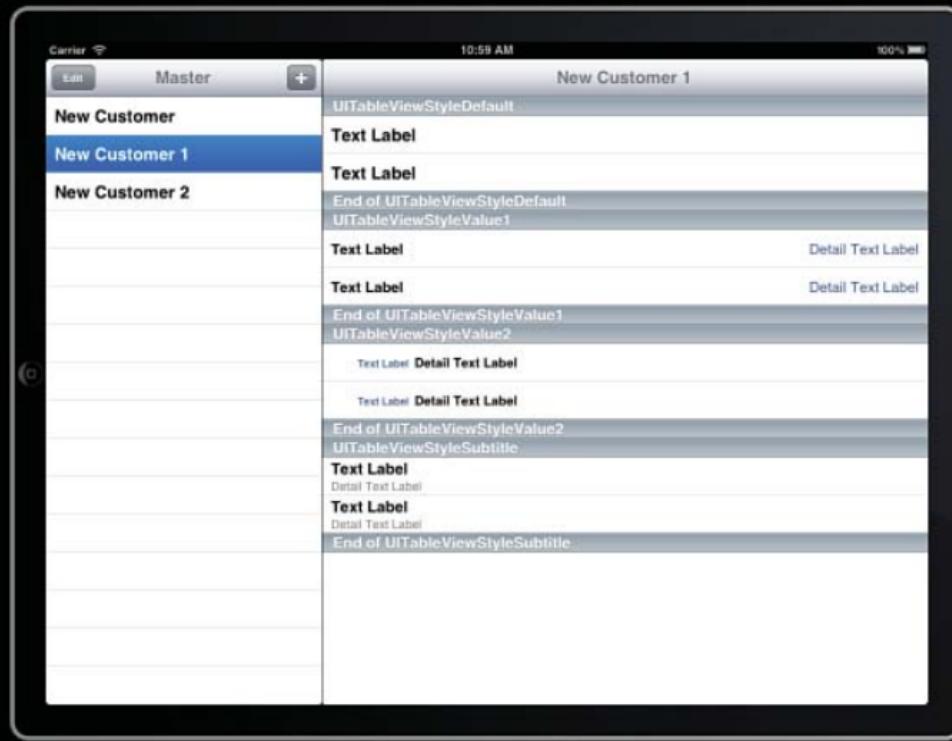


Figure 19.19
Use additional UITableView features.

Carrier Master +

5:31 PM 100%

New Customer

Name

Email

Address

City

State/Province

Postal Code

Start

(c)

Figure 19.10
Convert separate fields to a table view.