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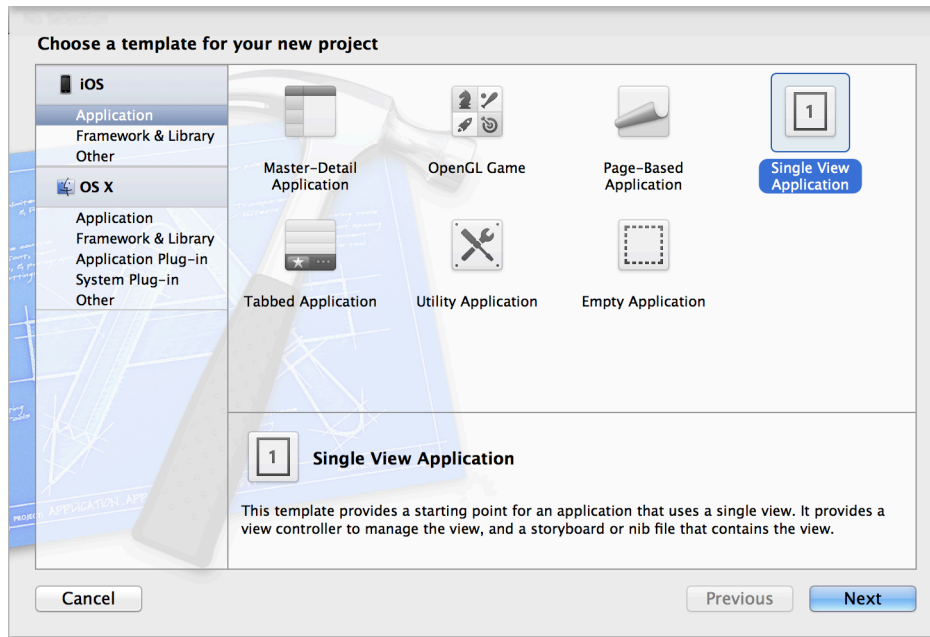
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Written by: Original Author, Elizabeth Pannell; Edited Version, Susan Sands
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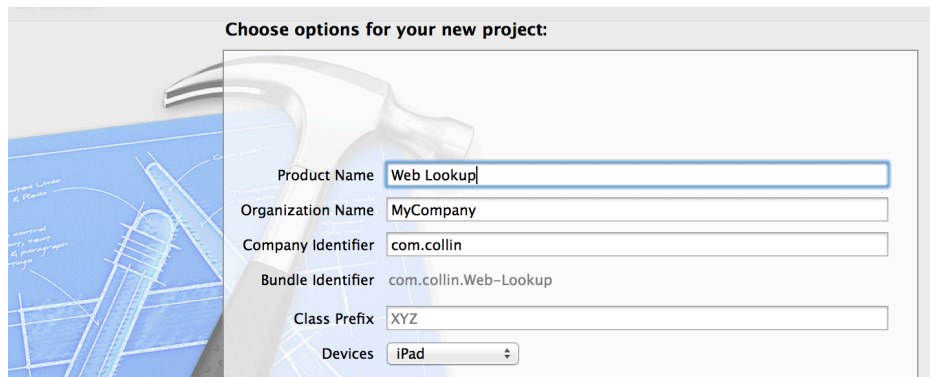
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Practice: Web Lookup

1. Create a new Project using Single View template and name it Web Lookup.



Select iPad from the list of devices.



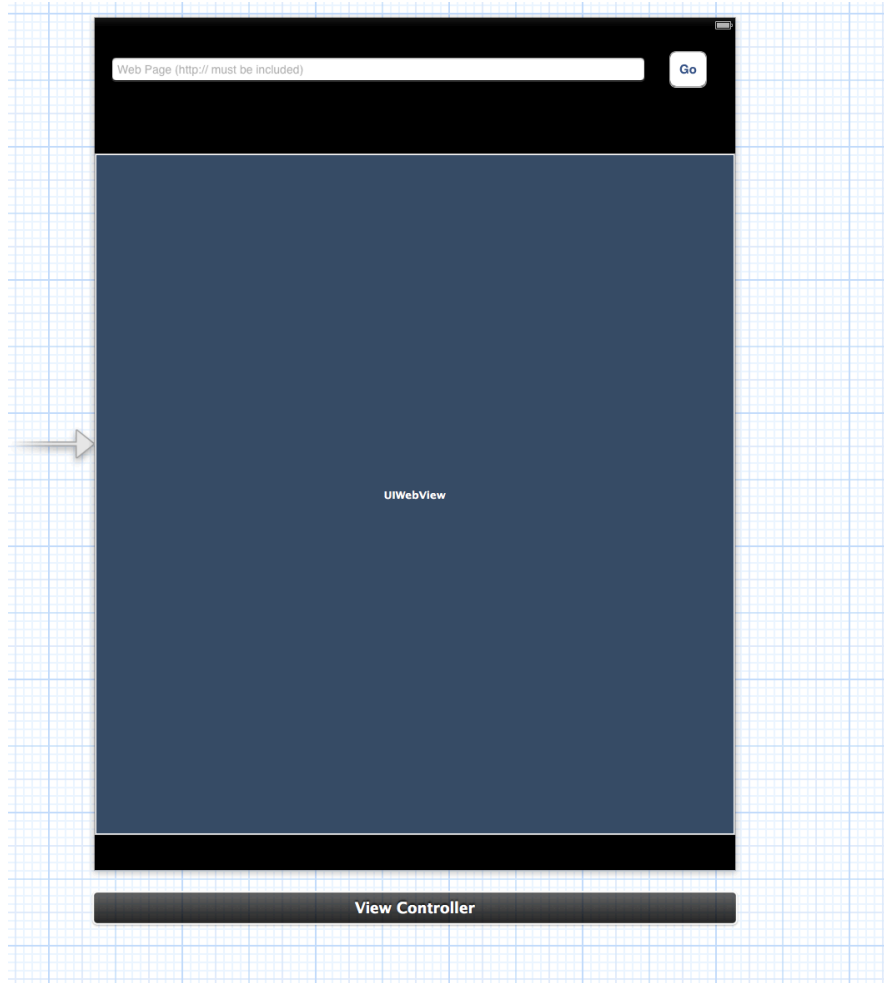
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2. Go to Storyboard and add a TextField, Button and Web View. Place a text field at the top and enter the following text as a placeholder: **Enter URL (including http://)**. Add a button next to the text field and name it **Go**. Place the web view so that it takes up most of the bottom portion of the screen.



3. Select the background view and make it black.
4. The Text Field will need an outlet (urlText), the Web View will need an outlet (webViewer) and the button will need an action (goButton).



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```

#import <UIKit/UIKit.h>

@interface ViewController :
    UIViewController
    @property (weak, nonatomic) IBOutlet
        UITextField *urlText;
    @property (weak, nonatomic) IBOutlet
        UIWebView *webView;
    - (IBAction)goButton:(id)sender;

@end

```

5. Go to the ViewController.m file and in the viewDidLoad method, add the code to load a starting web page. The code adds the url for Wikipedia.org, but this can be changed.
6. In the goButton method, use the user's input to set the web page.

```

#import "ViewController.h"

@interface ViewController ()

@end

@implementation ViewController

- (void)viewDidLoad
{
    [super viewDidLoad];

    NSString *urlInfo=@"http://www.wikipedia.org";
    NSURL *url = [NSURL URLWithString:urlInfo];
    NSURLRequest *request = [NSURLRequest requestWithURL:url];
    [self.webView loadRequest:request];
}

- (void)didReceiveMemoryWarning
{
    [super didReceiveMemoryWarning];
    // Dispose of any resources that can be recreated.
}

- (IBAction)goButton:(id)sender {
    NSString *urlInfo=[[NSString alloc] initWithString:_urlText.text];
    NSURL *url = [NSURL URLWithString:urlInfo];
    NSURLRequest *request = [NSURLRequest requestWithURL:url];
    [self.webView loadRequest:request];
}

@end

```



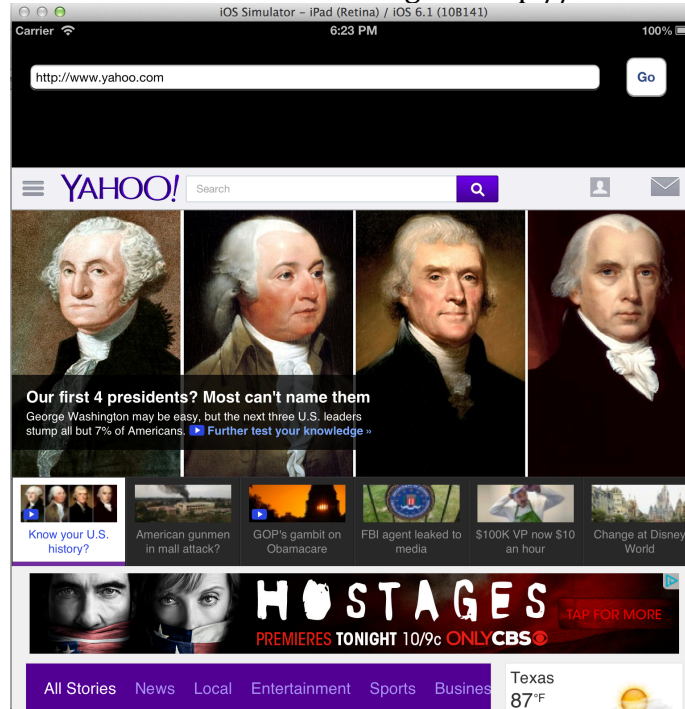
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NOTE: This program has a usability flaw! It only works if the user includes the full web address including the http://



The following shows the code:

```
- (void)viewDidLoad
{
    [super viewDidLoad];

    NSString *urlInfo=@"http://www.wikipedia.org";
    NSURL *url = [NSURL URLWithString:urlInfo];
    NSURLRequest *request = [NSURLRequest requestWithURL:url];
    [self.webViewer loadRequest:request];
}

- (void)didReceiveMemoryWarning
{
    [super didReceiveMemoryWarning];
    // Dispose of any resources that can be recreated.
}

- (IBAction)goButton:(id)sender {
    NSString *urlInfo=[[NSString alloc] initWithString:_urlText.text];
    NSURL *url = [NSURL URLWithString:urlInfo];
    NSURLRequest *request = [NSURLRequest requestWithURL:url];
```



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```
[self.webViewer loadRequest:request];  
}
```



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