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## *iOS Practical Code Test*

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Using Swift 3.2 or higher, create an iPhone application that allows a user to search StackOverflow for questions via their tags.

### **Requirements**

1. No 3<sup>rd</sup> party libraries or frameworks may be used.
2. The app must display correctly across all iPhone screen sizes.

### **StackOverflow API**

#### **API Documentation**

<https://api.stackexchange.com/docs>

#### **/questions API Method Documentation**

<https://api.stackexchange.com/docs/questions>

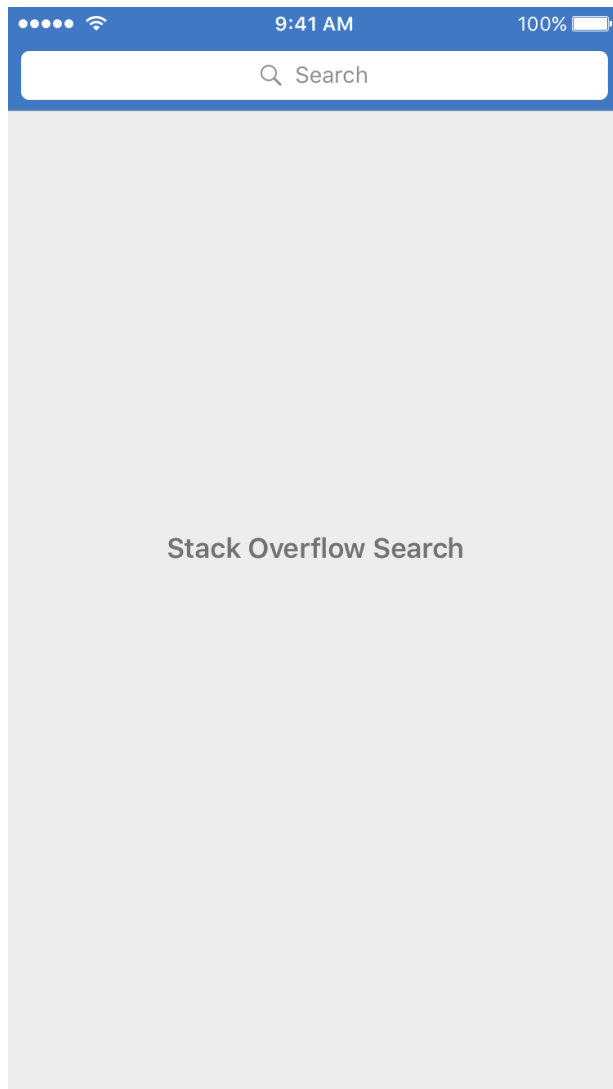
#### **Sample Request**

<https://api.stackexchange.com/2.2/questions?pagesize=20&order=desc&sort=activity&tagged=swift%203&site=stackoverflow&filter=withbody>

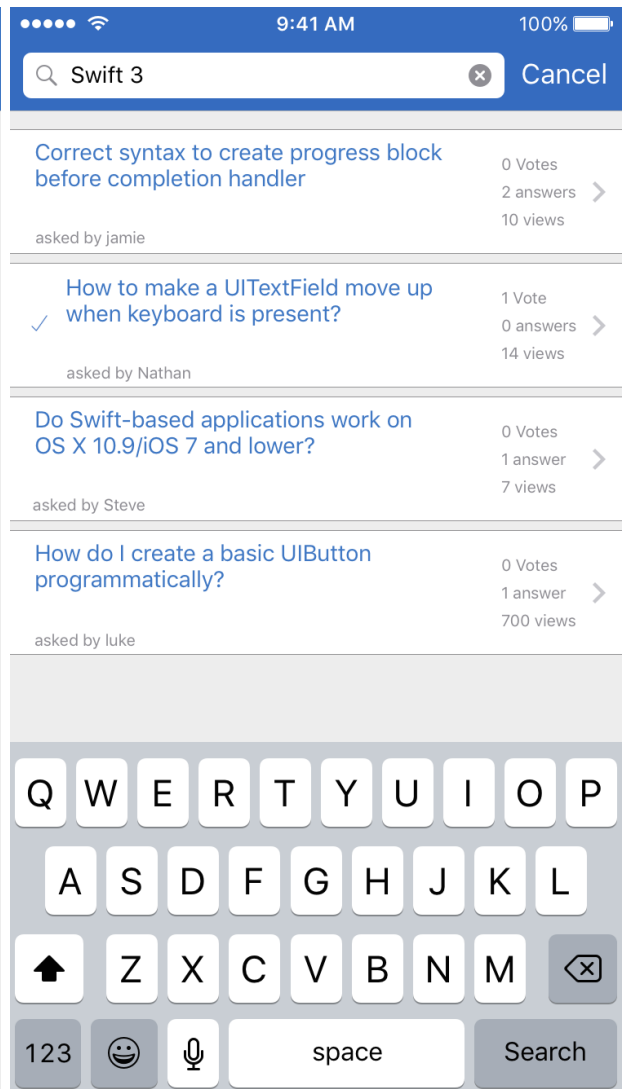
**Note:** The '**filter=withbody**' parameter is required in order to return the question body. This is not mentioned in the methods documentation.

## Search Questions

SCR01



SCR02

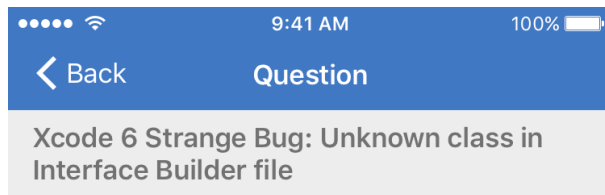


### Requirements:

- 1 On app launch the user should be presented with the screen SCR01.
- 2 The search should be performed after the user enters a keyword and taps the 'Search' button.
- 3 The search results should be displayed as per screen SCR02.
- 4 The search must be limited to 20 results.
- 5 For each result the following details should be displayed:
  - a. Title
  - b. The owners name
  - c. Number of votes, answers & views
  - d. If the question is answered, the checkmark should be shown (*check.png*)
- 6 Selecting a result will load the SCR03 screen

## View Question

SCR03



I upgraded to Xcode 6 beta 4 and now my App continuously crashes with the message

Unknown class X in Interface Builder file.  
It crashes because supposedly Xcode can't find my custom classes that I have linked in my Storyboard but it shows that they are linked correctly in the Xcode interface.

I've spent hours trying to figure this out, but nothing works!

I'm positive everything is linked correctly. My only other option may be to delete the entire storyboard file and start from scratch because it might be corrupted somehow.

Edit: I would also like to add that I tried cleaning, resetting simulator, messing with build phases etc. None of that works.

ios, swift, iphone



Jamie  
568  
asked 14th March 2016 at 13:09

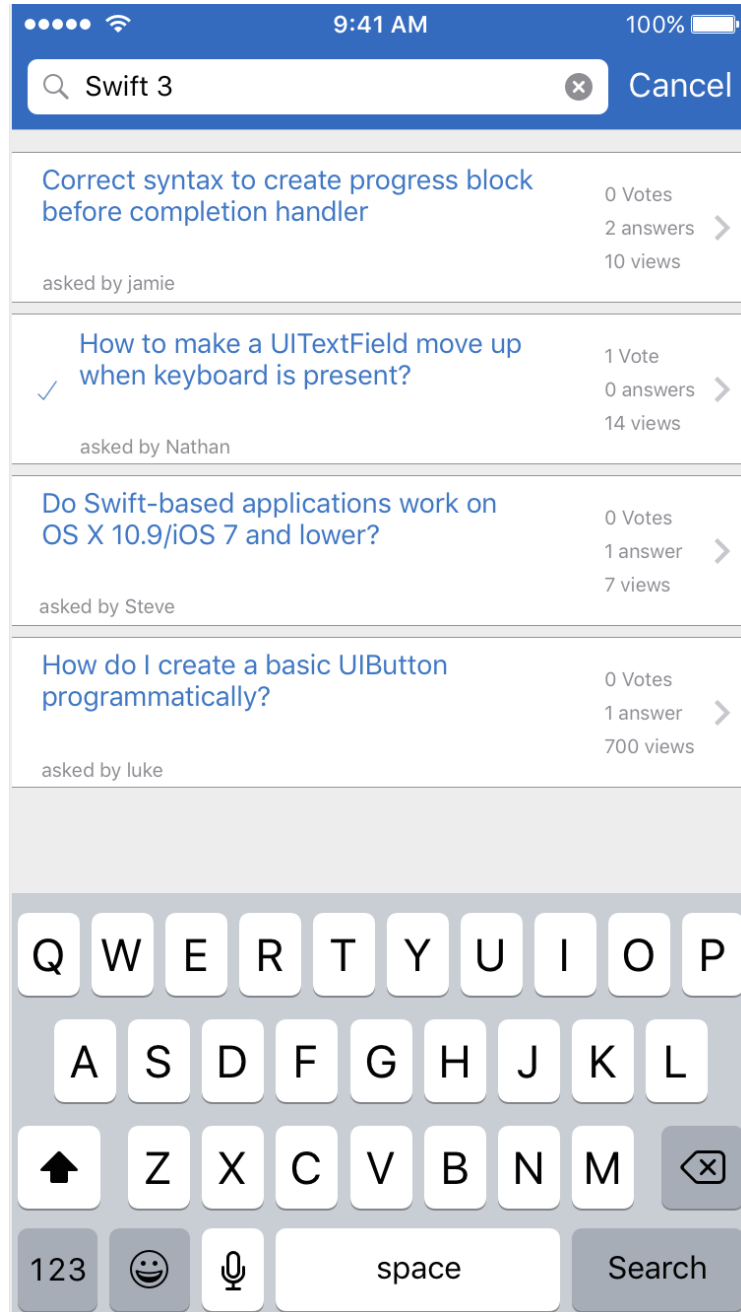
### Requirements:

- 1 The title of the question should be displayed in a fixed-height grey view and fixed to the top of the screen.
- 2 The HTML body of the question should be scrollable.
- 3 The owners details should be displayed in a fixed-height grey view, fixed to the bottom of the screen. It should display the following details:
  - a. The owners name
  - b. The owners profile image
  - c. The owners reputation
  - d. The date the question was posted
- 4 The tags should be displayed in a fixed-height view above the owners details and below the questions body.

## Design Guide

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Question

Xcode 6 Strange Bug: Unknown class in Interface Builder file

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ios, swift, iphone

20

System Font Regular 10pt  
#727272



Jamie

568

asked 14th March 2016 at 13:09

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