Project 5
By: Eric Dockery

Gold Challenge Chapter 10 page 210

Problem:

Right now, instances of BNRItem cannot have their dateCreated property changed. Change BNRItem so that they can, and then add a button underneath the dateLabel in BNRDetailViewController with the title Change Date. When this button is tapped, push another view controller instance onto the navigation stack. This view controller should have a UIDatePicker instance that modifies the dateCreated property of the selected BNRItem

Solution:

This was a relatively simple solution. The first step was to change the Item.h *dateCreated value to be able to be read. That required you to go to the Item.h file and change the value from nonatomic, copy to nonatomic, strong and remove the declaration in the Item.m file. Next in the DateViewController.h file you needed to add the Item Calss reference and call the @property (nonatomic, strong) Item *item. Then create your DateViewController files and add the UIDatePicker to the .xib. add in the viewWillDisappear commands to the DateViewController implementation file. Lastly, add the nesscary code to the DetailViewController implementation file.

 Special note on this assignment: I accidently set a breakpoint on my button call

Screenshots:

< Rusty Spork

Fri Jun 26   11   10
Sat Jun 27   12   11
Sun Jun 28   1   12   AM
Today   2   13   PM
Tue Jun 30   3   14
Wed Jul 1   4   15
Thu Jul 2   5   16

Carrier 🔒 2:13 PM

< Rusty Spork

Mon Jul 13	11	10	
Tue Jul 14	12	11	
Wed Jul 15	1	12	AM
Thu Jul 16	**2**	**13**	**PM**
Fri Jul 17	3	14	
Sat Jul 18	4	15	
Sun Jul 19	5	16	

Carrier 📶   2:13 PM   🔋

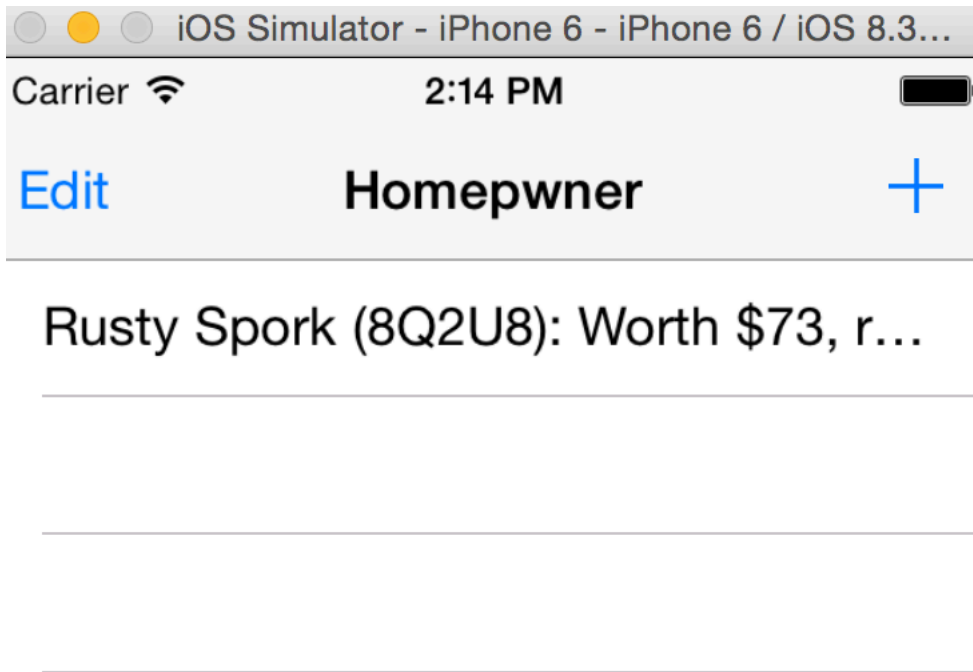**‹ Homepwner Rusty Spork**

Name | Rusty Spork

Serial | 8Q2U8

Value | 73

Jul 3, 2015

Change Date

Bronze and Silver Challenges Chapter 11 page 230
Problem:

Bronze:

UIImagePickerController has a built-in interface for editing an image once it has been selected. Allow the user to edit the image and use the edited image instead of the original image in DetailViewController.

Silver:

Add a button that clears the image for an item.

Solution:

Bronze:

For this challenge there were just a few lines of code to add. First was the `imagePicker.allowsEditing =YES;` And then to allow this edited image to be selected you need to add in an if Statement to select the edited image if it was selected:

```
if (info[UIImagePickerControllerEditedImage]) {
    image = info[UIImagePickerControllerEditedImage];
} else {
```

```
        image = info[UIImagePickerControllerOriginalImage];
    }
```

Silver:

To solve this challenge you first have to add a button to the controller. Then add the button press to the delegate, I choose to use this code:

```objc
- (IBAction)removeimage:(id)sender {
    //remove the image
    [[ImageStore sharedStore]
deleteImageForKey:self.item.itemKey];

    //update the view with no image
    self.imageView.image = [UIImage imageNamed:@""];


}
```

Which gives the image a custom image that I created in Photoshop, telling the user there is no image selected.

Screenshots:

Carrier 📶   9:13 AM
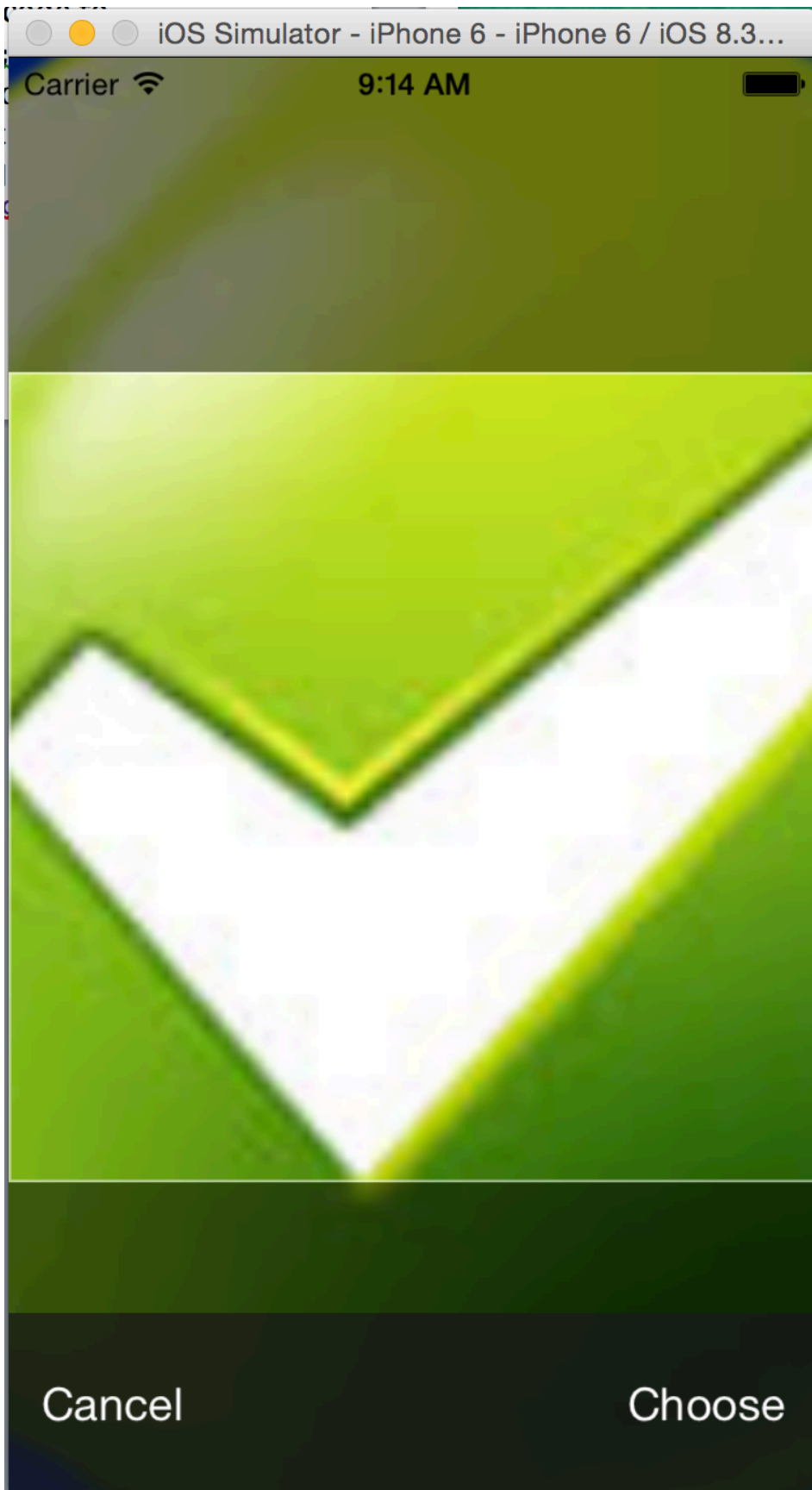
‹ Homepwner **Shiny Spork**

Name   Shiny Spork

Serial   5Y2V3

Value   40

Jun 30, 2015

Remove Image

📷

Cancel   Choose

Carrier 🔋 9:14 AM ▬

‹ Homepwner **Shiny Spork**

Name | Shiny Spork

Serial | 5Y2V3

Value | 40

Jun 30, 2015

Remove Image

Carrier 📶   9:16 AM

< Homepwner **Rusty Spork**

Name | Rusty Spork

Serial | 8Q2U8

Value | 73

Jun 30, 2015

Remove Image

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Side Note:

Just removing the image seemed a little basic so in photoshop I created a "no image selected image" I added this image to the app and coded it to show this image. I was going to add an if statement to not allow this to be selected, but I ran out of time.

```objectivec
- (IBAction)removeimage:(id)sender {
    //remove the image
    [[ImageStore sharedStore]
deleteImageForKey:self.item.itemKey];

    //update the view with no image
    self.imageView.image = [UIImage imageNamed:@"no_image.jpg"];


}
```

Carrier 📶   9:14 AM

‹ Homepwner **Shiny Spork**

Name   Shiny Spork

Serial   5Y2V3

Value   40

Jun 30, 2015

No Image Selected!!

Remove Image