

```
//
//  LoginViewController.swift
//  VEX Robotics
//
//  Created by Aaron Whitfield on 12/1/14.
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//

import UIKit

var signUpActive = true

class LoginViewController: UIViewController, UINavigationControllerDelegate,
    UIImagePickerControllerDelegate, UITextFieldDelegate {

    var activityIndicator: UIActivityIndicatorView = UIActivityIndicatorView()

    @IBAction func pickImage(sender: AnyObject)
    {
        var image = UIImagePickerController()

        image.delegate = self
        image.sourceType = UIImagePickerControllerSourceType.PhotoLibrary
        image.allowsEditing = false

        self.presentViewController(image, animated: true, completion: nil)
    }

    func imagePickerController(picker: UIImagePickerController!,
        didFinishPickingImage image: UIImage!, editingInfo: [NSObject :
        AnyObject]!) {
        println("Image selected")
        self.dismissViewControllerAnimated(true, completion: nil)

        pickedImage.image = image
    }

    @IBOutlet weak var pickedImage: UIImageView!

    @IBAction func pause(sender: AnyObject)
    {
        activityIndicator = UIActivityIndicatorView(frame: CGRectMake(0, 0, 50,
            50))

        activityIndicator.center = self.view.center
        activityIndicator.hidesWhenStopped = true
        activityIndicator.activityIndicatorViewStyle =
            UIActivityIndicatorViewStyle.Gray
        view.addSubview(activityIndicator)
        activityIndicator.startAnimating()
        UIApplication.sharedApplication().beginIgnoringInteractionEvents()
    }
}
```

```
@IBAction func restore(sender: AnyObject)
{
    activityIndicator.stopAnimating()
    UIApplication.sharedApplication().endIgnoringInteractionEvents()
}

@IBAction func createAlert(sender: AnyObject)
{
    var alert = UIAlertController(title: "Hey There!", message: "Are you
        sure", preferredStyle: UIAlertControllerStyle.Alert)

    alert.addAction(UIAlertAction(title: "OK", style: .Default, handler: {
        action in
            self.dismissViewControllerAnimated(true, completion: nil)
        }))

    alert.addAction(UIAlertAction(title: "Cancel", style: .Default, handler:
        { action in
            self.dismissViewControllerAnimated(true, completion: nil)
        }))

    self.presentViewController(alert, animated: true, completion: nil)
}

func displayAlert(title:String, error:String)
{
    var alert = UIAlertController(title: title, message: error,
        preferredStyle: UIAlertControllerStyle.Alert)

    alert.addAction(UIAlertAction(title: "OK", style: .Default, handler: {
        action in
            self.dismissViewControllerAnimated(true, completion: nil)
        }))

    self.presentViewController(alert, animated: true, completion: nil)
}

@IBOutlet var username: UITextField!
@IBOutlet var password: UITextField!
@IBOutlet var signUpLabel: UILabel!
@IBOutlet var signUpButton: UIButton!
@IBOutlet var signUpToggleButton: UIButton!
@IBOutlet var alreadyRegistered: UILabel!

@IBAction func toggleSignUp(sender: AnyObject)
{
    if signUpActive == true
    {
```

```
        signUpActive = false
        signUpLabel.text = "Use the form below to log in"
        signUpButton.setTitle("Log In", forState: UIControlState.Normal)
        alreadyRegistered.text = "Not registered?"
        signUpToggleButton.setTitle("Sign Up", forState: UIControlState.
            Normal)
    }

    else
    {
        signUpActive = true
        signUpLabel.text = "Use the form below to sign up"
        signUpButton.setTitle("Sign Up", forState: UIControlState.Normal)
        alreadyRegistered.text = "Already registered?"
        signUpToggleButton.setTitle("Log In", forState:
            UIControlState.Normal)
    }
}

@IBAction func signUp(sender: AnyObject)
{
    var error = ""

    if username.text == "" || password.text == ""
    {
        error = "Please enter a username and password"
    }

    if error != ""
    {
        showAlert("Error in Form", error: error)
    }

    else
    {
        self.pause(error)

        if signUpActive == true
        {
            var user = PFUser()
            user.username = username.text
            user.password = password.text
            user.email = username.text

            user.signUpInBackgroundWithBlock {
                (succeeded: Bool!, signUpError: NSError!) -> Void in

                self.restore(error)
                if signUpError == nil {
                    // Hooray! Let them use the app now.

                    self.performSegueWithIdentifier("jumpToUserTable",
                        sender: self)
                }
            }
        }
    }
}
```

```
        println("Signed up")
    } else {
        if let errorString = signUpError.userInfo?["error"]
            as? NSString
        {
            error = errorString
        }

        else
        {
            error = "Please try again later."
        }
        // Show the errorString somewhere and let the user
        try again.

        self.displayAlert("Could Not Sign Up", error: error)
    }
}
} // if signUpActive true
else
{
    PFUser.logInWithUsernameInBackground(username.text, password:
password.text) {
        (user: PFUser!, signUpError: NSError!) -> Void in

        self.restore(error)
        if signUpError == nil {
            // Do stuff after successful login.

            self.performSegueWithIdentifier("jumpToUserTable",
            sender: self)
            println("signed in")
        } else
        {
            // The login failed. Check error to see why.
            if let errorString = signUpError.userInfo?["error"] as?
            NSString
            {
                error = errorString
            }

            else
            {
                error = "Please try again later."
            }
            // Show the errorString somewhere and let the user try
            again.

            self.displayAlert("Could Not Sign Up", error: error)
        }
    }
} // if signUpActive false
} // end if error is not blank
```

```
}
```

```
// class functions
```

```
override func viewDidLoad() {  
    super.viewDidLoad()  
    // Do any additional setup after loading the view, typically from a nib.  
  
    toggleSignUp(self)  
}
```

```
override func viewWillAppear(animated: Bool) {  
    if PFUser.currentUser() != nil  
    {  
        self.performSegueWithIdentifier("jumpToUserTable", sender: self)  
    }  
}
```

```
override func didReceiveMemoryWarning() {  
    super.didReceiveMemoryWarning()  
    // Dispose of any resources that can be recreated.  
}
```

```
override func viewWillAppear(animated: Bool) {  
    self.navigationController?.navigationBarHidden = true  
}
```

```
override func viewWillDisappear(animated: Bool) {  
    self.navigationController?.navigationBarHidden = false  
}
```

```
override func touchesBegan(touches: NSSet, withEvent event: UIEvent)  
{  
    self.view.endEditing(true)
```

```
    }

    func textFieldShouldReturn(textField: UITextField) -> Bool
    {
        textField.resignFirstResponder()
        self.signUp(true)
        return true;
    }
}
```