

Hackathon Hacking EDU Psychopass Project

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MAIN VIEW CONTROLLER

Here is an example of a main code, that we created during the International contest Hacking EDU Hackathon in San-Francisco. We used Swift 2 as a platform for a work, and this project calls: "Psychopass". It analyzes the habit of a person by answering of simple question in the program, as an output you get the analyzed information, as a provider of the best place for you to study and which subjects match for you the best. We developed a system that recommends a college based on personal phycological characteristics.

INSPIRATION

College search process is extremely complex. It requires many factors to be considered. One of of the most important ones is how a person matches college community.

```
import UIKit

class MainViewController: UIViewController,
UITextViewDelegate {

    @IBOutlet weak var mainTextView: DesignableTextView?

    var userText: String = ""

    override func viewDidLoad() {
        super.viewDidLoad()

        // Do any additional setup after loading the view,
        typically from a nib.
    }

    override func viewDidAppear(animated: Bool) {
        super.viewDidAppear(animated)

        self.mainTextView?.becomeFirstResponder()
    }
}
```

```

}

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

private func checkInput(text: String) -> Bool {

    // check the count
    if self.mainTextView?.text!.isEmpty == true {
        return false
    }

    let whiteChars =
    = NSCharacterSet.whitespaceAndNewlineCharacterSet()

    // check for whitespaces
    if text.stringByTrimmingCharactersInSet(whiteChars)
    == "" {
        return false
    }

    return true
}

private func showAlert(text: String) {
    let alert = UIAlertController(title: "Warning!",
    message: text,
    preferredStyle: UIAlertControllerStyle.Alert)
    alert.addAction(UIAlertAction(title: "Ok",
    style: UIAlertActionStyle.Default, handler:
        {(_) in
            dispatch_async(dispatch_get_main_queue())

            {self.mainTextView?.becomeFirstResponder()}
        }) )

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

```

```

    }

    @IBAction func MainButtonPressed(sender: AnyObject) {

        guard self.checkInput(self.mainTextView!.text)
        else {
            showAlert("Please type your text")
            return
        }

        self.userText = (self.mainTextView?.text)!

        //send data to server...
    }
}

```

MY PERSONAL WORK

Working on a code was not my main perspective, otherwise it was a style of this program. All the bars, windows are created by me with a help of Dmitry Sobolev. I know that it was not the most difficult part, but it look pretty simple and catches the eye.

As the result, this code works as a main view controller, that renders the information, that programm recieves, during all the command, also one of the features is an analyzing of all entire information that passes through the program.