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//
//  UXInputTextViewController.swift
//  UXPLOT-PRO
//
//  Created by Shohei Yokoyama on 2016/04/29.
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//

import UIKit

class UXInputTextViewController: UXPlotViewController {

    var inputReasonTextField: UITextField?
    var inputFeelTextField: UITextField?

    func nextInputProcess() {
        let textInputStartTime = NSDate()

        let alertController = UIAlertController(title: "", message: "体験に対する要因と感情を\n入力してください", preferredStyle: .Alert)

        alertController.addAction(UIAlertAction(title: "Cancel", style: .Cancel) {
action in
            self.cancelAction()
            self.isInput = false
        })

        alertController.addAction(UIAlertAction(title: "OK", style: .Default) {
action in
            let inputSecond = self.getCalclatedVoiceInputTime(textInputStartTime)
            self.appendResult(inputSecond)
            self.operationSecond = 0.0
            self.updateUXGraph()
            self.isInput = false
        })

        alertController.addTextFieldWithConfigurationHandler { textField in
            self.inputReasonTextField = textField
            textField.placeholder = "要因を入力してください"
        }
        alertController.addTextFieldWithConfigurationHandler { textField in
            self.inputFeelTextField = textField
            textField.placeholder = "感情を入力してください"
        }

        presentViewController(alertController, animated: true, completion: nil)
    }

    private func getCalclatedVoiceInputTime(startTime: NSDate) -> Float {
        let now = NSDate()
        let elapsedTime = now.timeIntervalSinceDate(startTime)
        let hour = Int(elapsedTime / 3600)
        let minutes = Int((elapsedTime - Double(hour)) / 60)
        let second = elapsedTime - (Double(hour * 3600 + minutes * 60))
        return Float(second)
    }

    private func appendResult(inputSecond: Float) {
        let now = NSDate()
        let formatter = NSDateFormatter()
        formatter.dateFormat("YY-MM-DD HH:mm:ss")
        let dateString = formatter.stringFromDate(now)

        let plotString = dateString.stringByAppendingFormat("%.2fmin, UX: %.2f%,
Reason: %@, Feel: %@, SliderInputSecond: %.2fsec, TextInputSecond: %.2fsec.\n",
self.plotMinutes,
                uxplotView.slider.value,
                (self.inputReasonTextField?.text)!,
                (self.inputFeelTextField?.text)!,
                self.operationSecond, inputSecond)

        self.resultMeasurement.appendString(plotString)
        print(resultMeasurement)
    }
}

```