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//
// InsetMessageTextLabel.swift
// Ecommerce
//
// Created by Damon Georgiou on 11/30/18.
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//

import UIKit

@IBDesignable
class InsetMessageTextLabel: UILabel {
    var textInsets = UIEdgeInsets.zero {
        didSet { invalidateIntrinsicContentSize() }
    }

    override func textRect(forBounds bounds: CGRect, limitedToNumberOfLines numberOfLines: Int) -
        > CGRect {
        let insetRect = bounds.inset(by: textInsets)
        let textRect = super.textRect(forBounds: insetRect, limitedToNumberOfLines:
            numberOfLines)
        let invertedInsets = UIEdgeInsets(top: -textInsets.top,
                                           left: -textInsets.left,
                                           bottom: -textInsets.bottom,
                                           right: -textInsets.right)
        return textRect.inset(by: invertedInsets)
    }

    override func drawText(in rect: CGRect) {
        super.drawText(in: rect.inset(by: textInsets))
    }
}

extension InsetMessageTextLabel {
    @IBInspectable
    var leftTextInset: CGFloat {
        set { textInsets.left = newValue }
        get { return textInsets.left }
    }

    @IBInspectable
    var rightTextInset: CGFloat {
        set { textInsets.right = newValue }
        get { return textInsets.right }
    }

    @IBInspectable
    var topTextInset: CGFloat {
        set { textInsets.top = newValue }
        get { return textInsets.top }
    }

    @IBInspectable
    var bottomTextInset: CGFloat {
        set { textInsets.bottom = newValue }
        get { return textInsets.bottom }
    }
}

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//
// Message.swift
// Ecommerce
//
// Created by Damon Georgiou on 11/28/18.
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//

import FirebaseFirestore

class Message {

    private var _senderImage: String
    private var _senderUID: String
    private var _content: String
    private var _created: Timestamp

    var senderImage: String {
        return _senderImage
    }

    var senderUID: String {
        return _senderUID
    }

    var content: String {
        return _content
    }

    var created: Timestamp {
        return _created
    }

    init(senderImage: String, senderUID: String, content: String, created: Timestamp) {
        self._senderImage = senderImage
        self._senderUID = senderUID
        self._content = content
        self._created = created
    }
}

```