

DEFINIENDO

LIMITES

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{VAN} HACKS

3

desarrolladores iOS

28

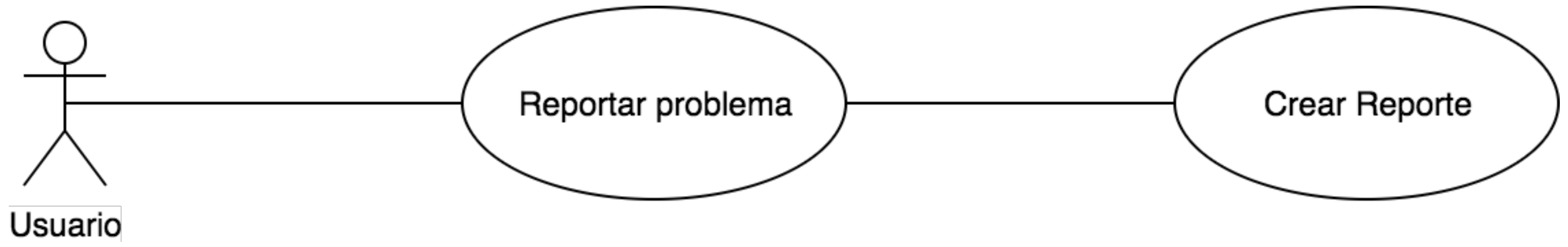
horas

1

proyecto

***EVA BC programs provide
vital support to anti-
violence programs and
communities across BC.***

— Ending Violence Association ONG



Features:

- Botón de pánico
- Today widget
 - Knock

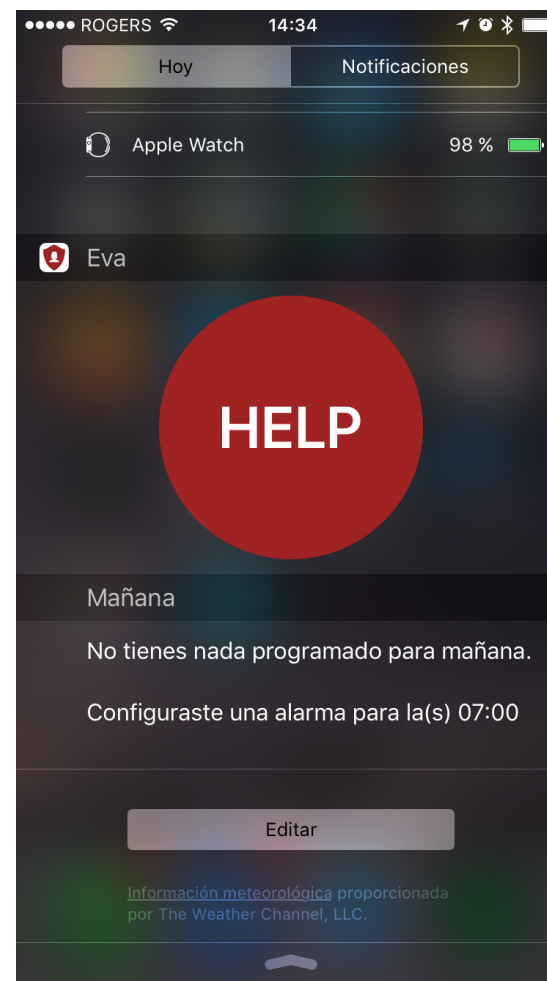
Botón de pánico:

Al presionar el botón → Reportar



Today widget:

Al presionar el botón → Reportar



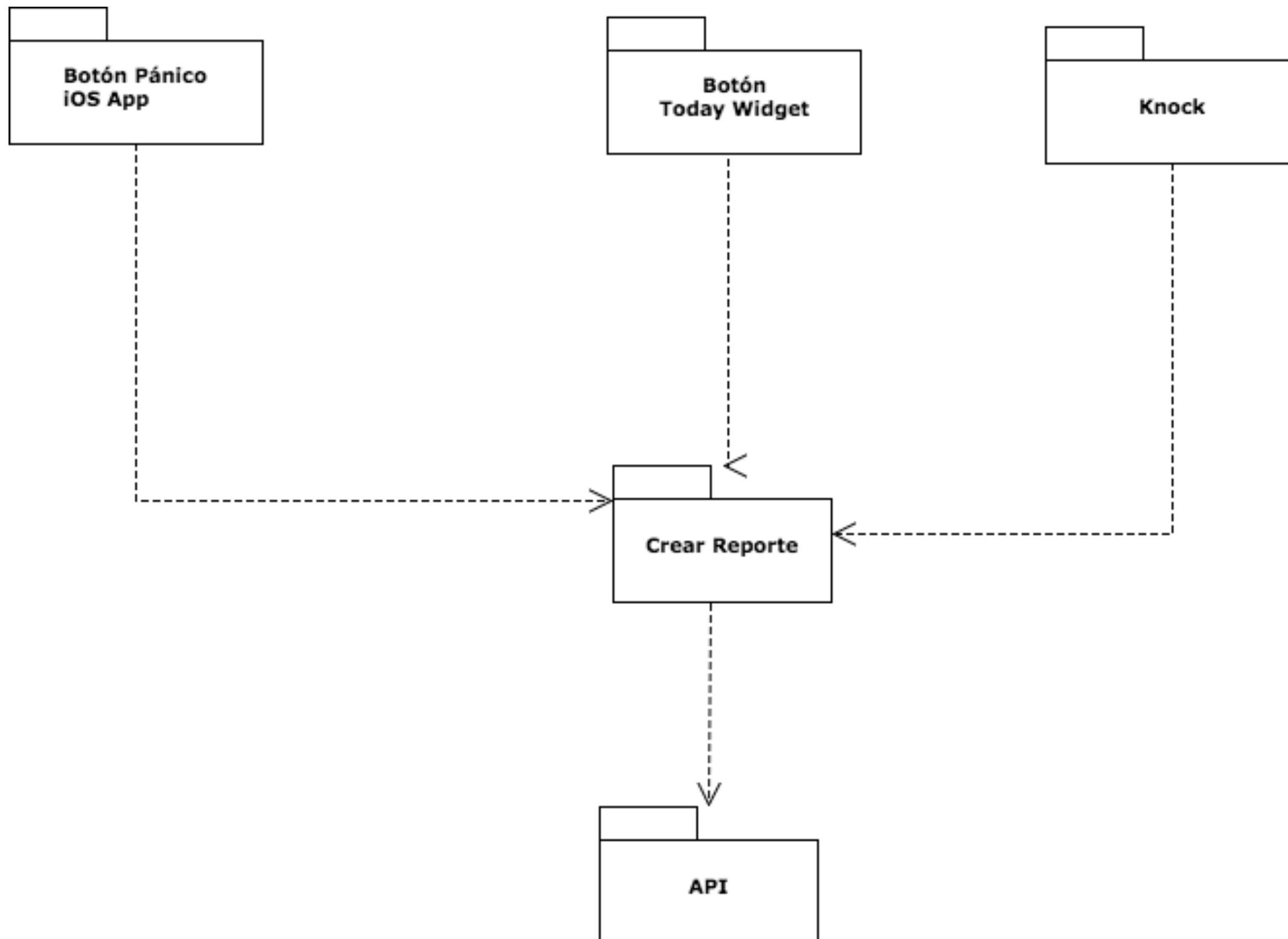
Knock

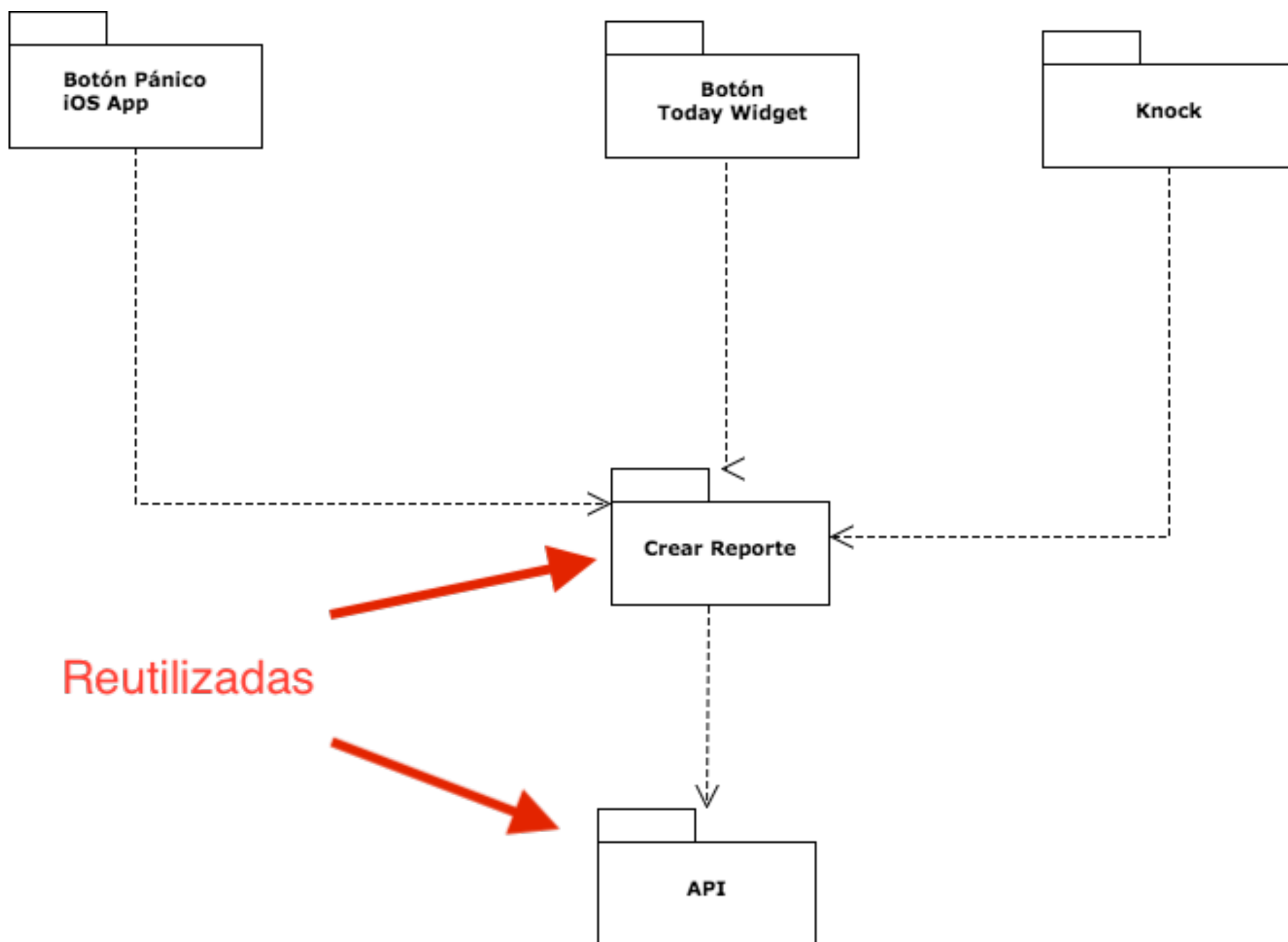
Al golpear el teléfono → Reportar

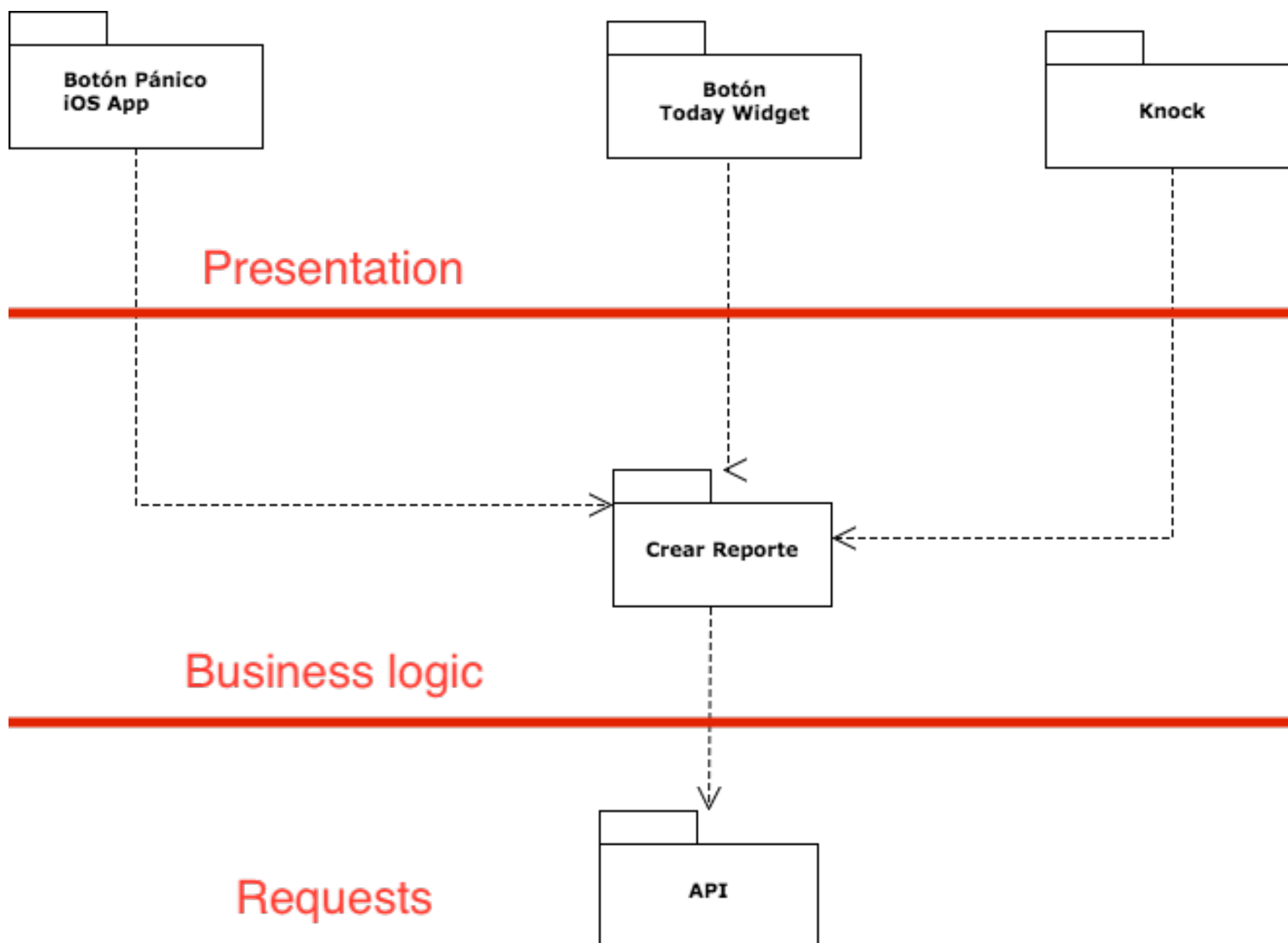
División de trabajo

Por feature

- **1 Dev**: Pantalla con botón en iOS app
 - **1 Dev**: Today widget
 - **1 Dev**: Knock



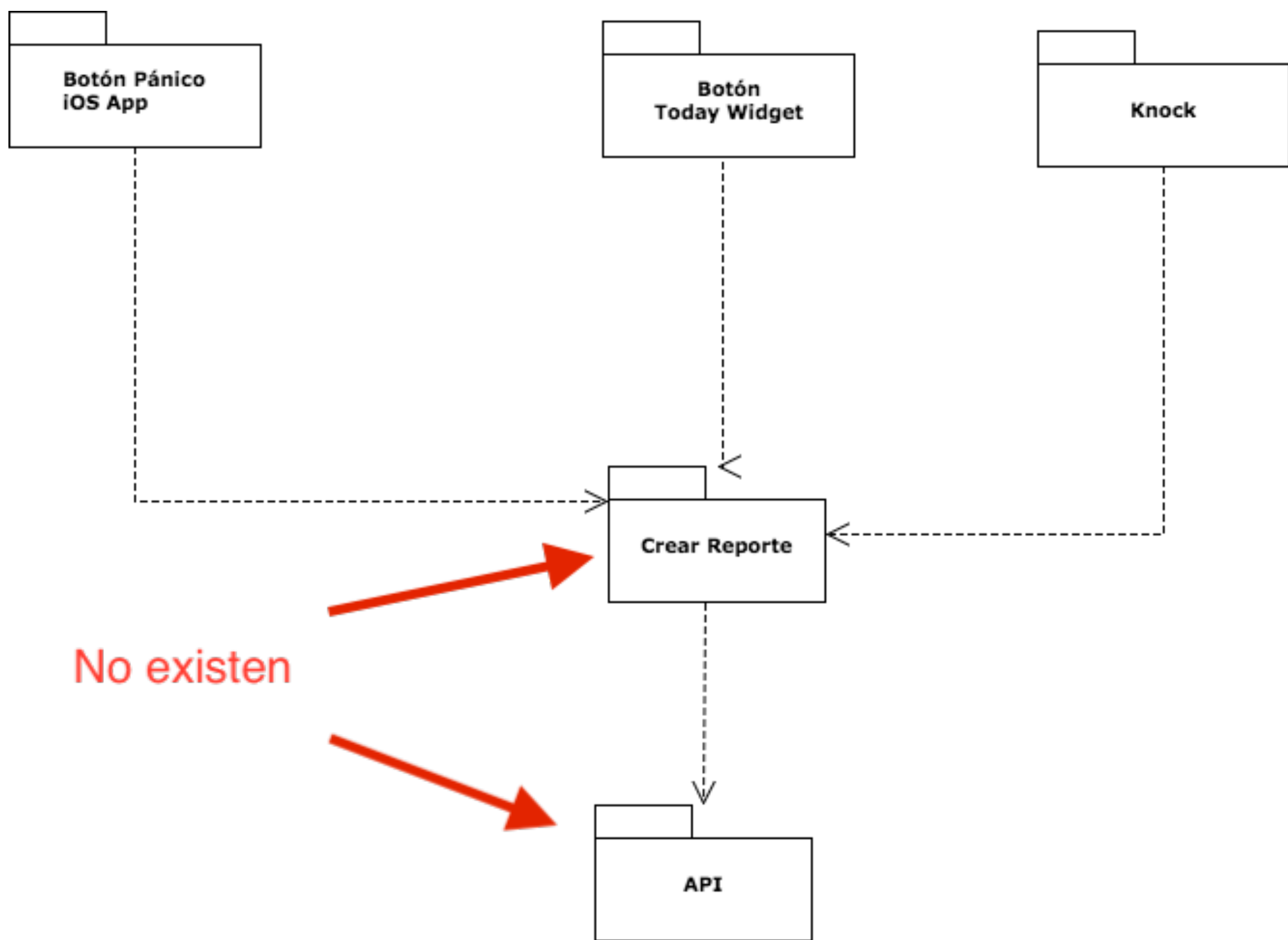




✗ Una persona por "feature"

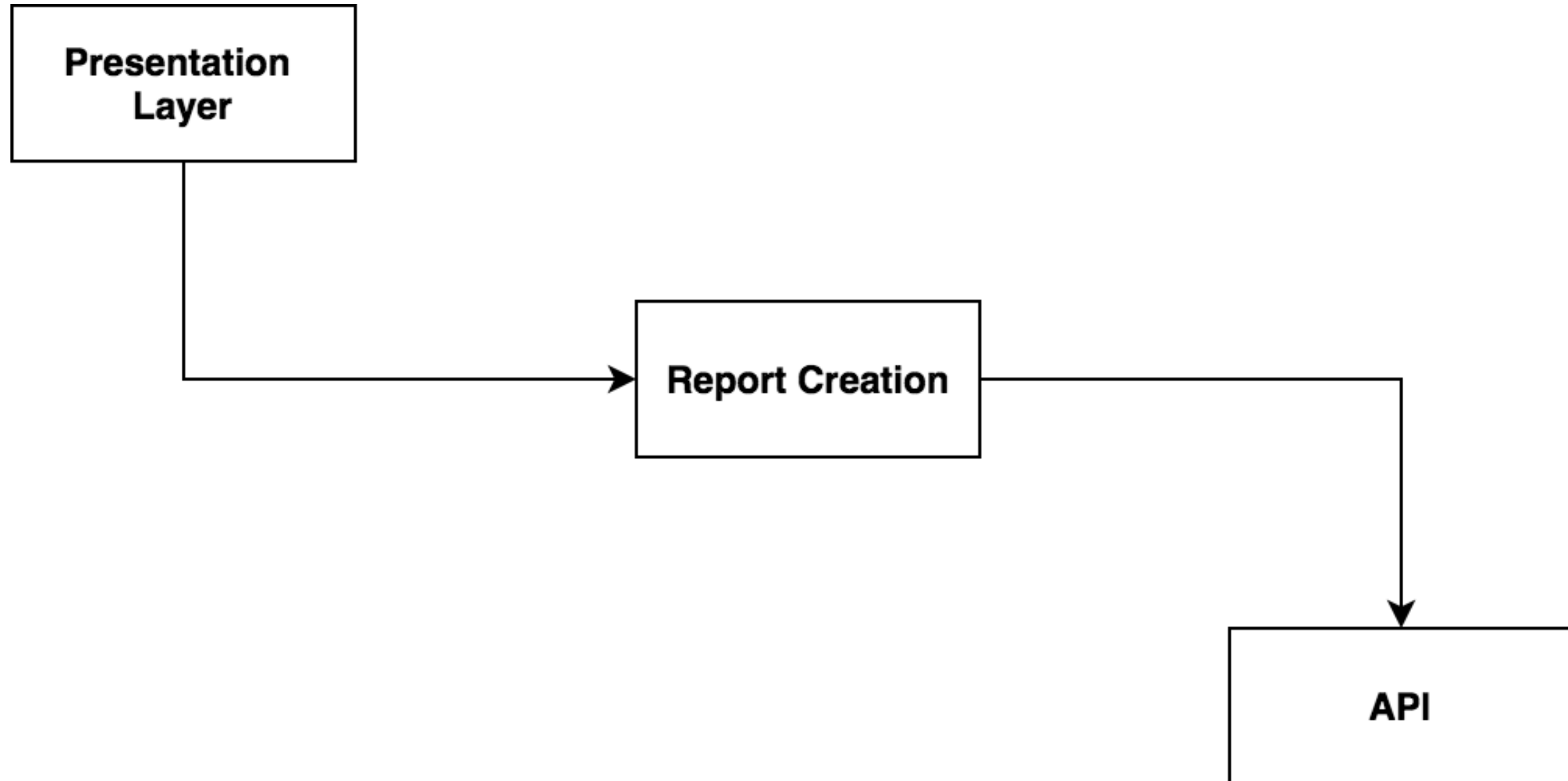


Una persona por "capa"

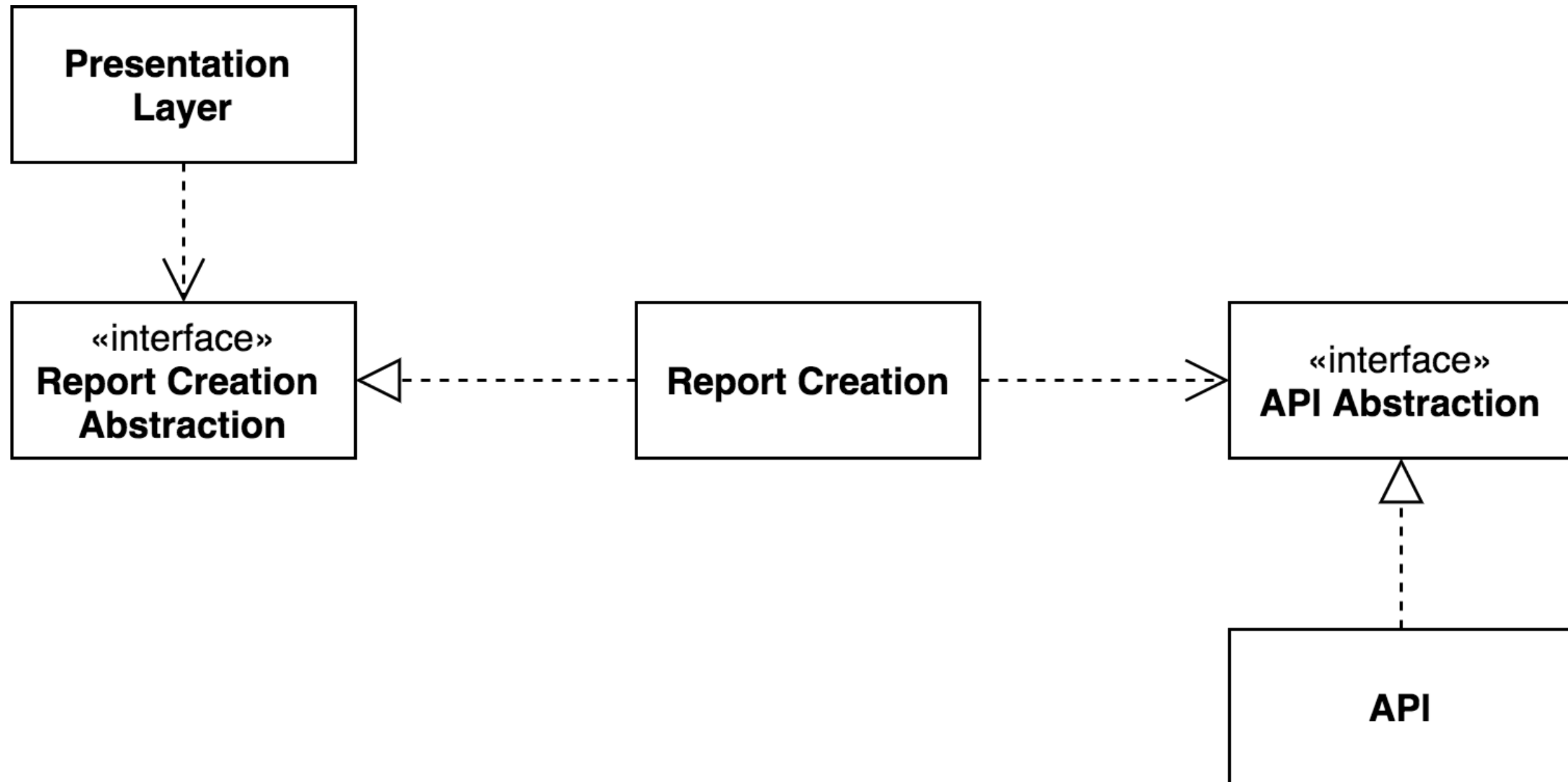


No existen

Dependencias



Dependency inversion



```
protocol ReportCreator {  
    func createReport() throws -> Report  
}
```

```
class SuccessReportCreator: ReportCreator {  
    func createReport() throws -> Report {  
        return Report(id: "1", date: Date())  
    }  
}
```

```
class ErrorReportCreator: ReportCreator {  
    func createReport() throws -> Report {  
        throw ReportCreationError.fakeError  
    }  
}
```

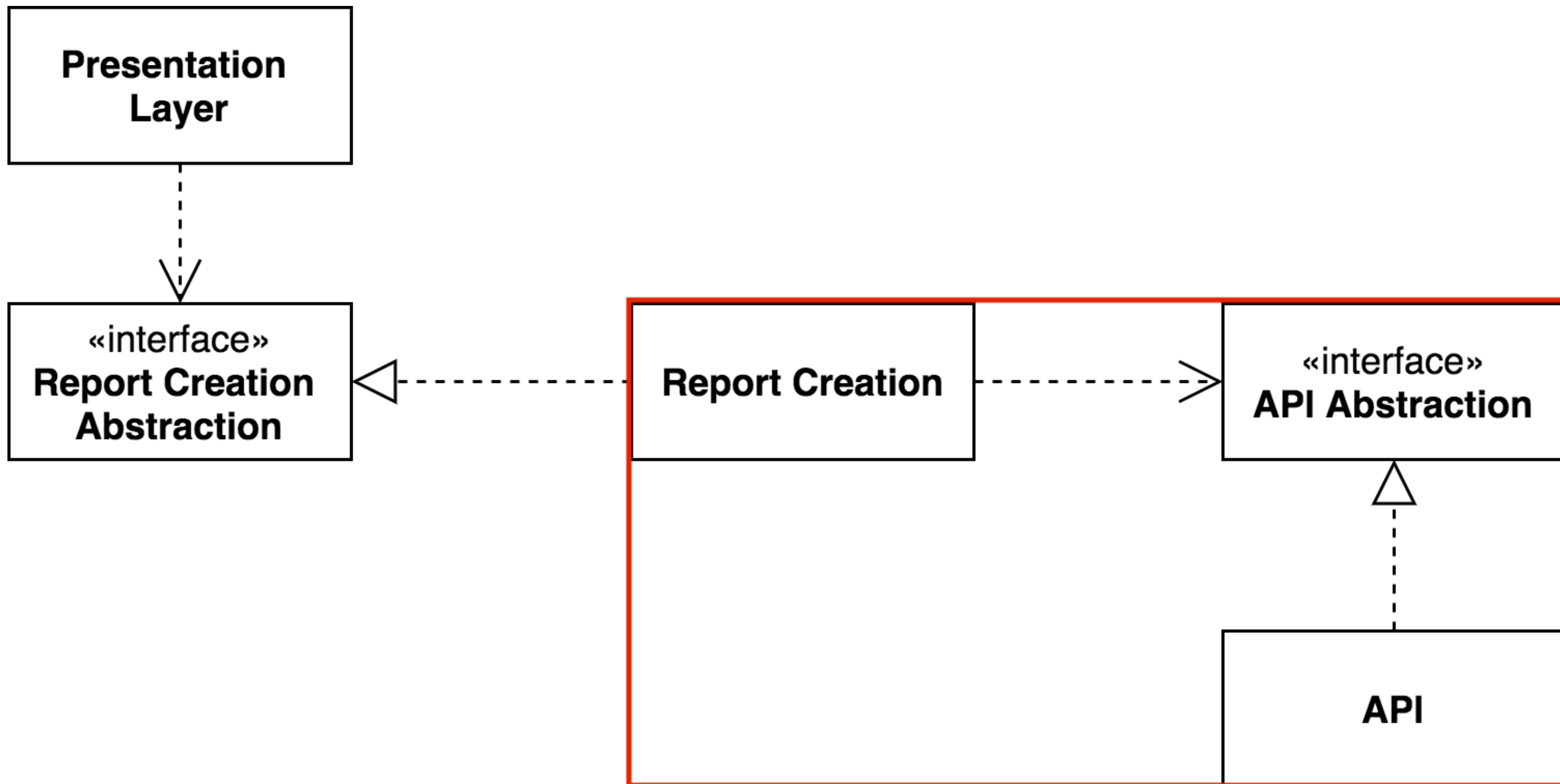
```
class BigPanicButtonViewController: UIViewController {
    private let reportCreator: ReportCreator

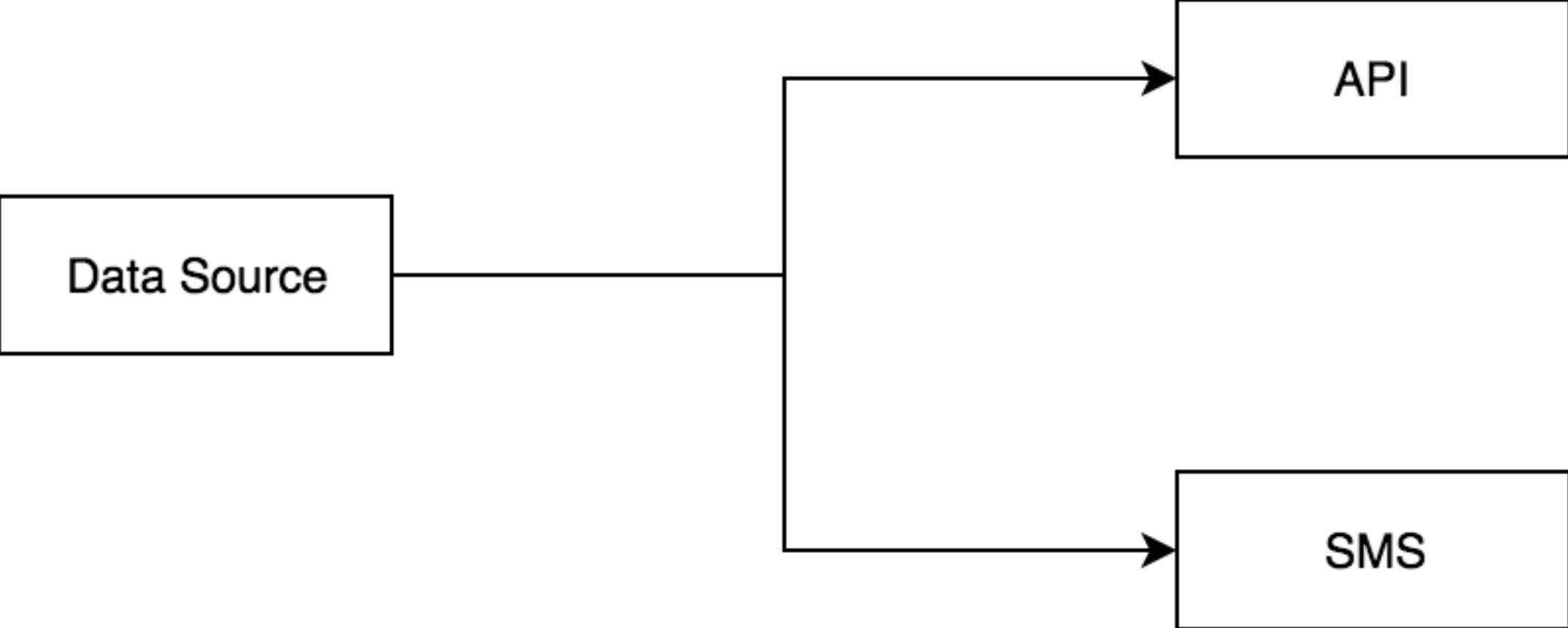
    init(reportCreator: ReportCreator) {
        self.reportCreator = reportCreator
    }

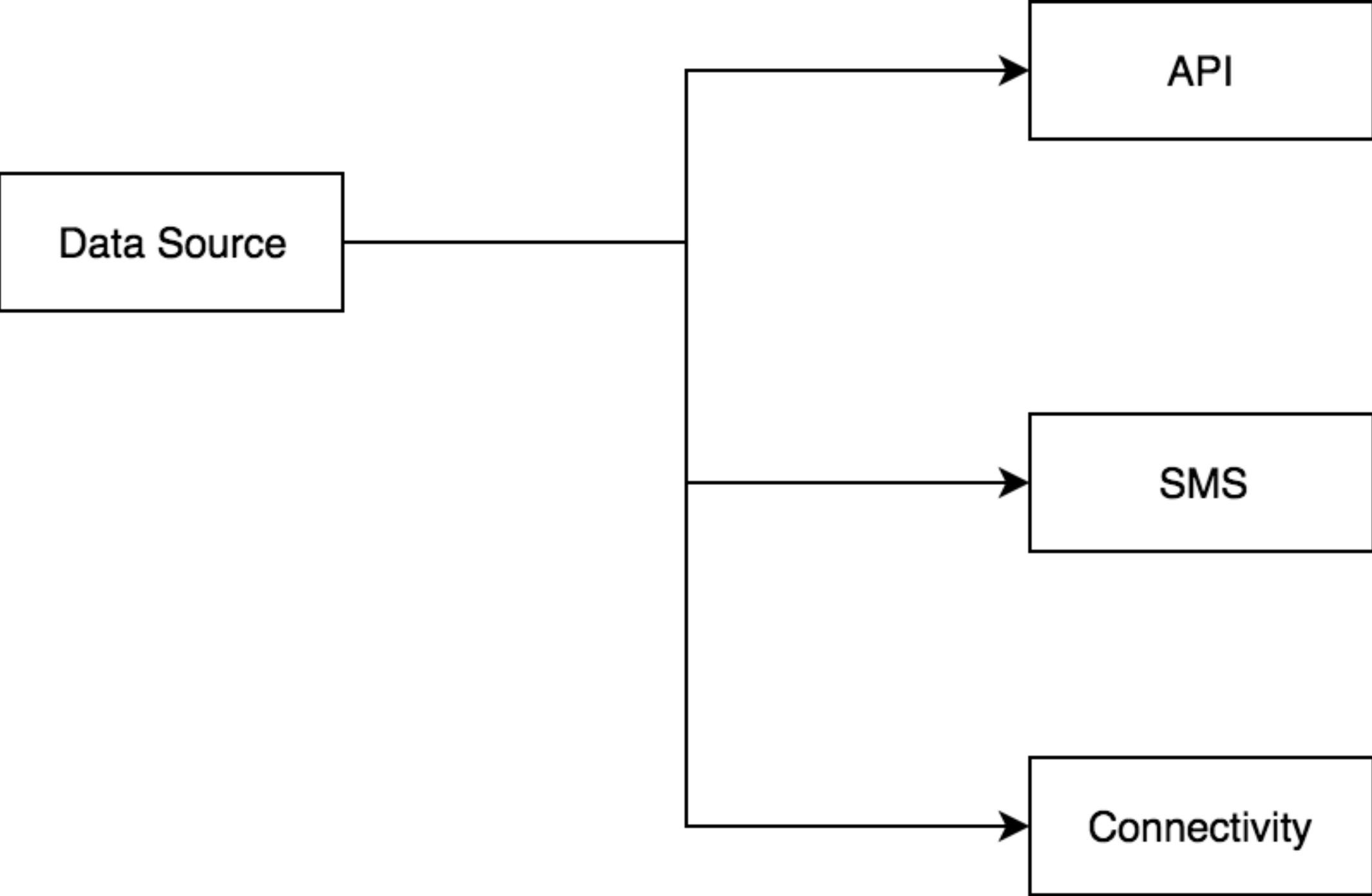
    func didTapBigPanicButton() {
        do {
            // Handle Report
            let report = try reportCreator.createReport()
        } catch {
            // Handle error
        }
    }
}
```

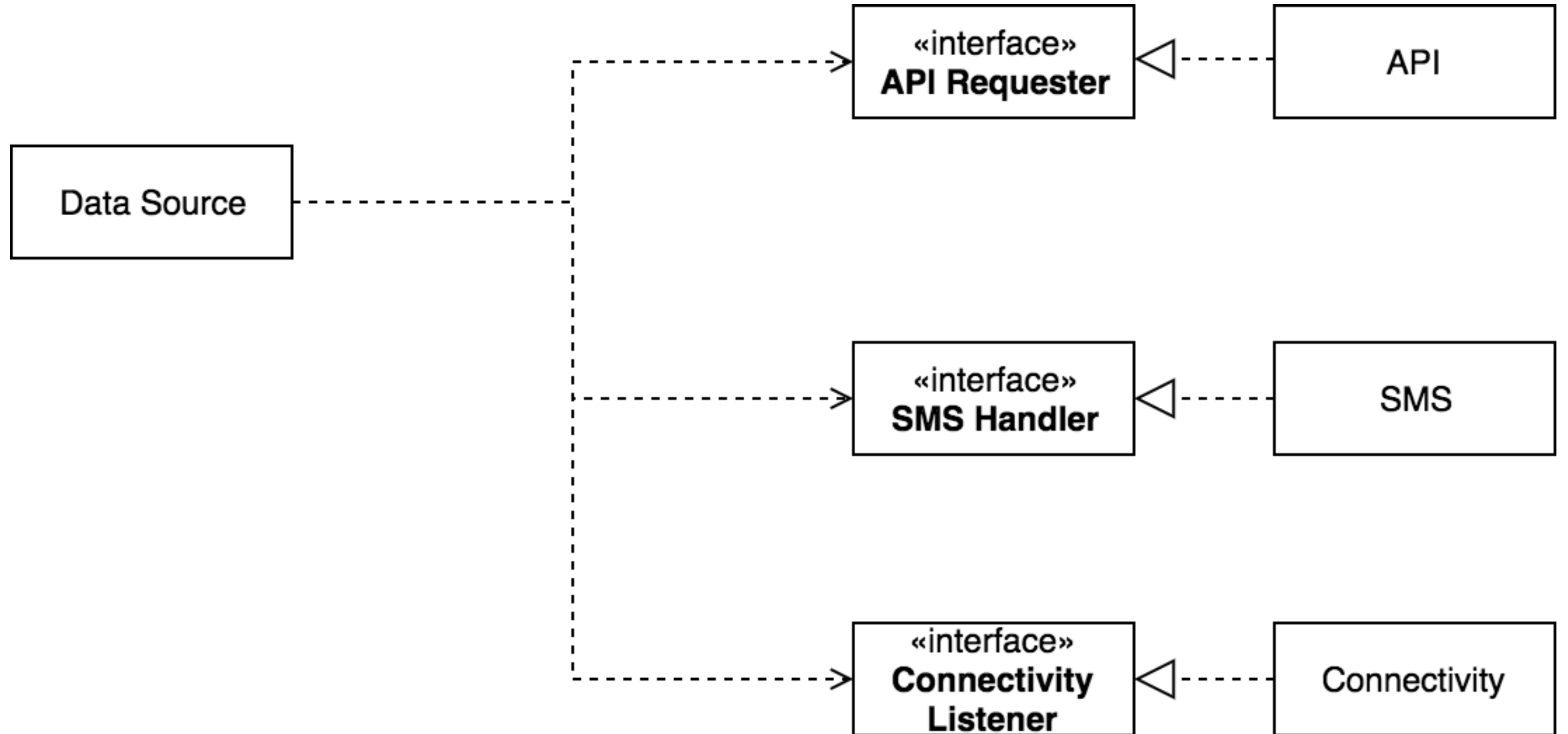
```
class BigPanicButtonViewController: UIViewController {  
    init(reportCreator: ReportCreator = SuccessReport()) {  
        ...  
    }  
}
```

**¿Si el usuario
no tiene
internet?**









```
protocol APIRequester {  
    func createReport() throws -> JSON  
}
```

```
protocol SMSHandler {  
    func sendSMS() throws -> SMS  
}
```

```
protocol ConnectivityListener {  
    var isConnected: Bool { get }  
}
```

Nada existe aún,
pero podemos probar si
funciona

Demo

Recap

- Movernos independientemente
 - Reducir conflictos
- No hay necesidad de esperar para integrar código.

¿Preguntas?