

MVP+Clean example

Presentation layer

Domain layer (holds all of the business logic)

Data layer

```
AppDelegate
import UIKit
import UIKitApplication
import UIKitApplication

window?.rootViewController = AccountFactory().getRootViewController()
```

```
AccountFactory
protocol AccountFactory {
    func getRootViewController() -> UINavigationController
}

class AccountFactory: AccountFactory {
    func getRootViewController() -> UINavigationController {
        return UINavigationController(rootViewController: LoginWithProviderViewController())
    }
}
```

```
LoginWithProviderViewController
class LoginWithProviderViewController: UIViewController {
    var presenter: LoginWithProviderContract {
        self.presenter = LoginWithProviderContract()
    }
    // ...
}
```

```
LoginWithProviderPresenter
class LoginWithProviderPresenter: LoginWithProviderContract {
    weak var view: LoginWithProviderContractView?
    // ...
}
```

```
LoginWithGoogleUseCase
import UIKit
import Foundation

class LoginWithGoogleUseCase: LoginWithProviderContract {
    // ...
}
```

```
LoginWithProviderUseCase
import UIKit
import Foundation

class LoginWithProviderUseCase: LoginWithProviderContract {
    // ...
}
```

```
ContractProtocol
protocol ContractProtocol {
    // ...
}
```

```
LoginWithProviderContract
class LoginWithProviderContract: ContractProtocol {
    // ...
}
```

```
UseCase Protocol
protocol UseCaseProtocol {
    // ...
}
```

```
AnyUseCase
class AnyUseCase: UseCaseProtocol {
    // ...
}
```

```
DefaultFailure
class DefaultFailure {
    // ...
}
```

```
StorageProtocol
import Foundation

protocol StorageProtocol {
    // ...
}
```

```
StorageKeyChain
import Foundation

class StorageKeyChain: StorageProtocol {
    // ...
}
```

```
KeysProtocol
import Foundation

protocol KeysProtocol {
    // ...
}
```

```
Keys
class Keys: KeysProtocol {
    // ...
}
```

```
AccountCommonDataSourceProtocol
protocol AccountCommonDataSourceProtocol {
    // ...
}
```

```
AccountLocalDataSourceProtocol
protocol AccountLocalDataSourceProtocol {
    // ...
}
```

```
AccountRemoteDataSourceProtocol
protocol AccountRemoteDataSourceProtocol {
    // ...
}
```

```
AccountRepositoryProtocol
protocol AccountRepositoryProtocol {
    // ...
}
```

```
AccountLocalDataSource
class AccountLocalDataSource: AccountLocalDataSourceProtocol {
    // ...
}
```

```
AccountRemoteDataSource
class AccountRemoteDataSource: AccountRemoteDataSourceProtocol {
    // ...
}
```

```
AccountRepository
class AccountRepository: AccountRepositoryProtocol {
    // ...
}
```

```
AuthenticatedRequest
import Foundation
import UIKit
import Alamofire

class AuthenticatedRequest {
    // ...
}
```

```
BaseRemoteDataSource
import UIKit
import Foundation

class BaseRemoteDataSource {
    // ...
}
```

```
Configuration
class Configuration {
    // ...
}
```

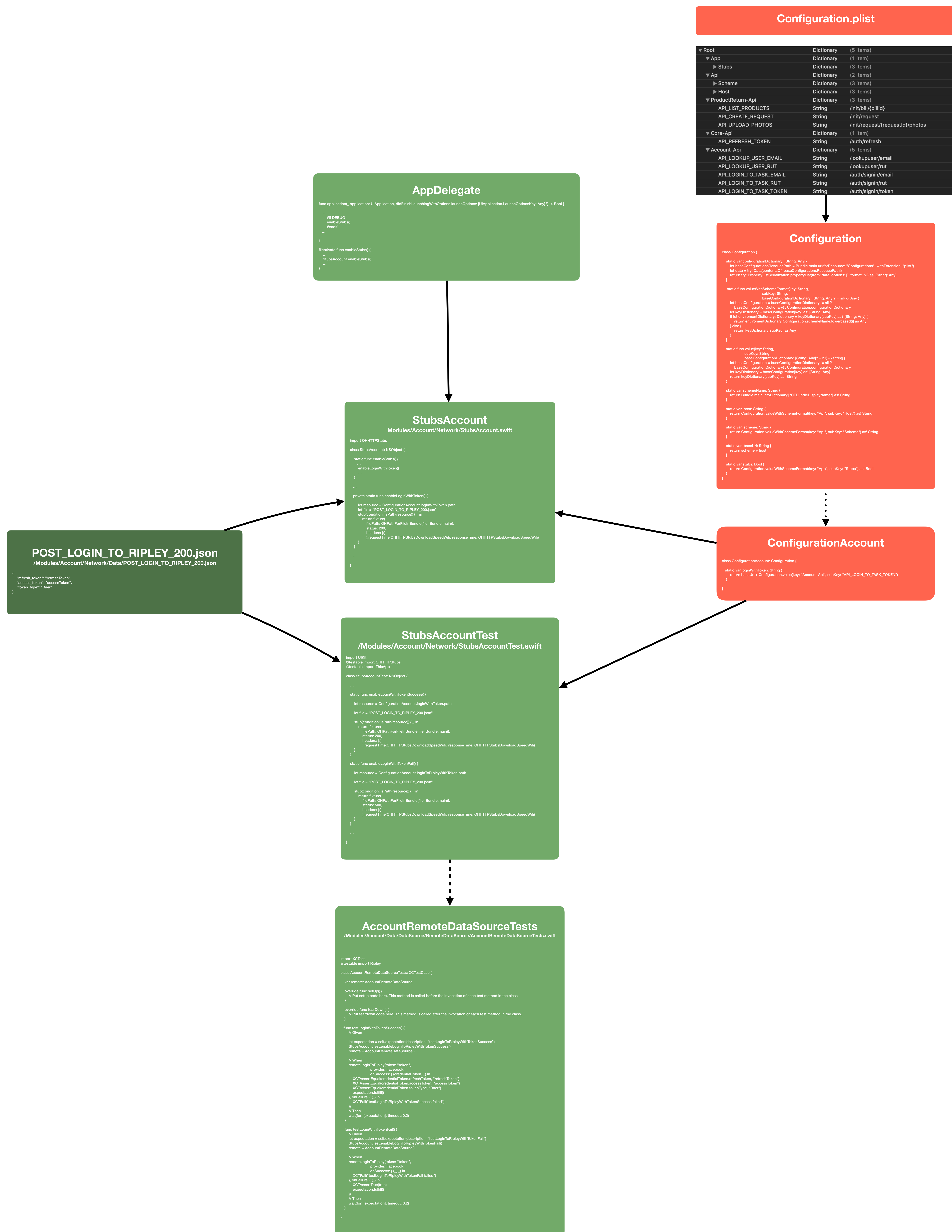
```
ConfigurationAccount
class ConfigurationAccount {
    // ...
}
```

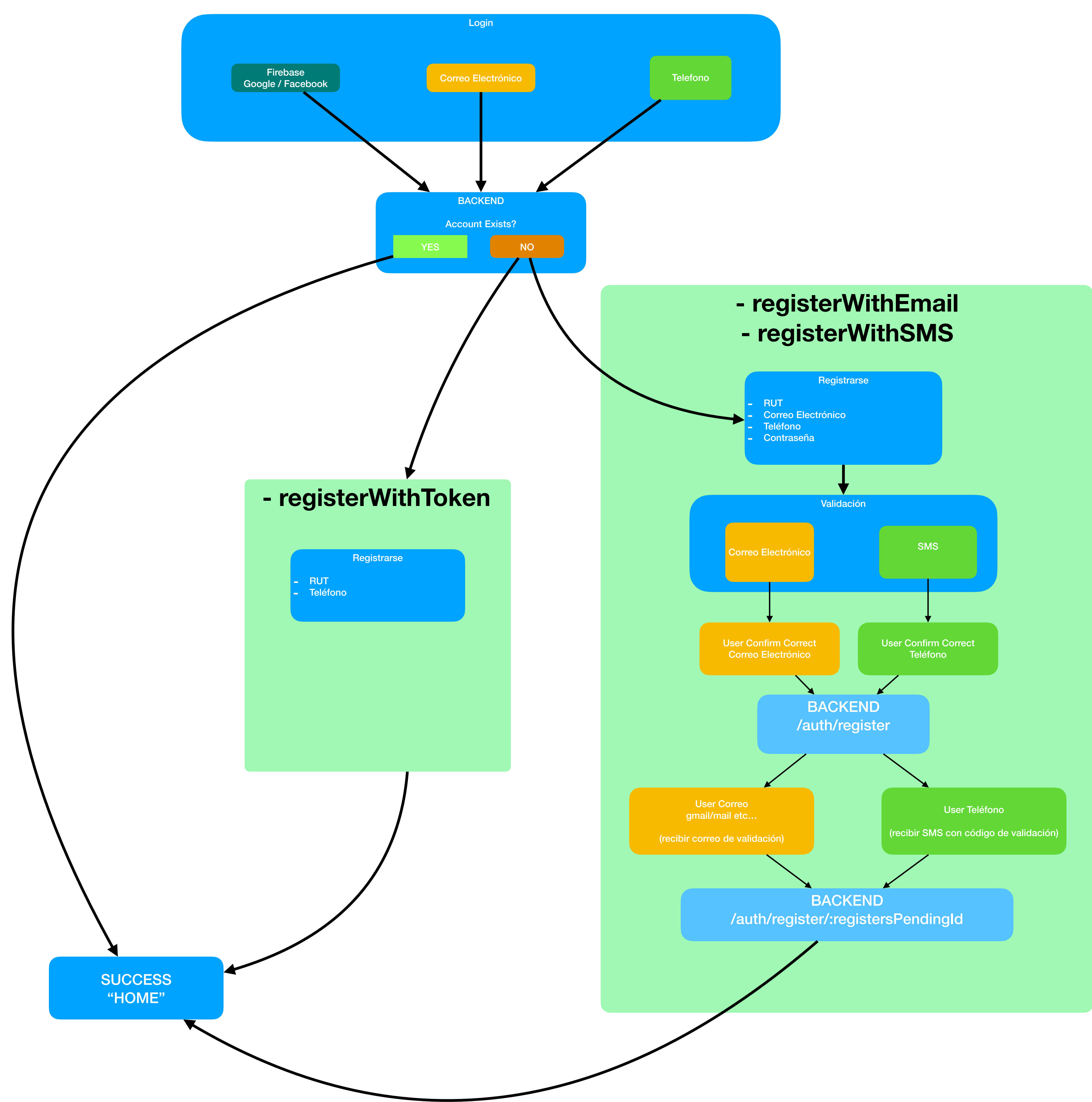
Configuration.plist		
Root	Dictionary	(3 items)
App	Dictionary	(1 item)
Stubs	Dictionary	(3 items)
Api	Dictionary	(2 items)
Scheme	Dictionary	(3 items)
Root	Dictionary	(3 items)
ProductReturn-Api	Dictionary	(3 items)
API_LIST_PRODUCTS	String	/init/bill/billid
API_CREATE_REQUEST	String	/init/request
API_UPLOAD_PHOTOS	String	/init/request/requestid/photos
Core-Api	Dictionary	(1 item)
API_REFRESH_TOKEN	String	/auth/refresh
Account-Api	Dictionary	(3 items)
API_LOOKUP_USER_EMAIL	String	/auth/lookupuser/email
API_LOOKUP_USER_RUT	String	/auth/lookupuser/rut
API_LOGIN_TO_TASK_EMAIL	String	/auth/login/email
API_LOGIN_TO_TASK_RUT	String	/auth/login/rut
API_LOGIN_TO_TASK_TOKEN	String	/auth/login/token

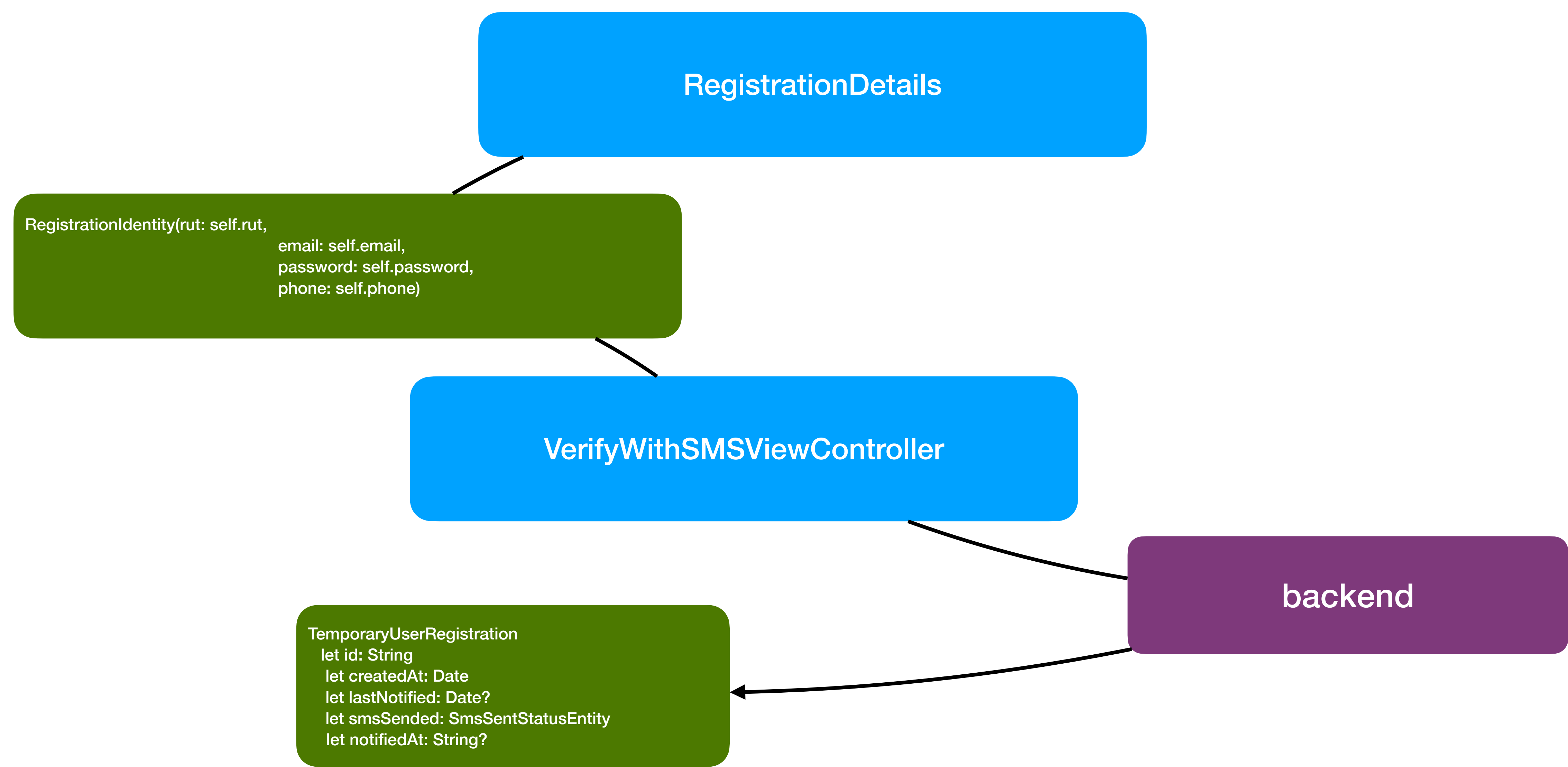
```
Configuration
class Configuration {
    // ...
}
```

```
ConfigurationAccount
class ConfigurationAccount {
    // ...
}
```


Stubs Example







Verify with SMS

