

# ADID

## Design Document

### System implementation methodology

The system implementation technology utilised is a combination of "*V development*" and "*incremental development*".

*Agile development* has been used in the past, in order to get to market quickly.

From there on, a combination of incremental with the *V development methodology* has been adopted, as to ensure quality, which is often suffering under methodologies's quick nature. The *V methodology* is rather reflective of modern software design engineering, aligning with a in strength having risen trend called '*atomic design*', in which components are used to emerge to higher-order components to create whole designs.

### Innovation techniques

Pointification techniques will be implemented to reward users for making use of the app. Computer vision enabling new encoding techniques and corporate integration pose great opportunities.

### Technology development plan

The proprietary QR 'connect code' encoding protocol used for representing contact information to be scanned and interpreted successfully by every iPhone is *adid*'s most valuable technological asset. The further development of this asset includes the bottom up creation of an AI; including training and testing of a machine learning neural network. These efforts will be utilised for a computer vision detection system to eventually replace qr codes with any low-level representation.

### Non-functional requirements

The app should be intuitive to use, achieved through mimicking the operating system's native style, thus complying with apple's IOS standard *human interface guidelines*.

A constant presence of *depth* has been integrated to *leviate* the most essential component of the user interface and easen the user's journeys to specific actions & goals.

Adid's valuation of detail resulted in features like dark-mode, to automatically changing light/dark-mode to different haptic feedback generators for successfully and failed operations. This attention to detail was only granted after main functionality has been completed following the agile methodology.

### Functional requirements

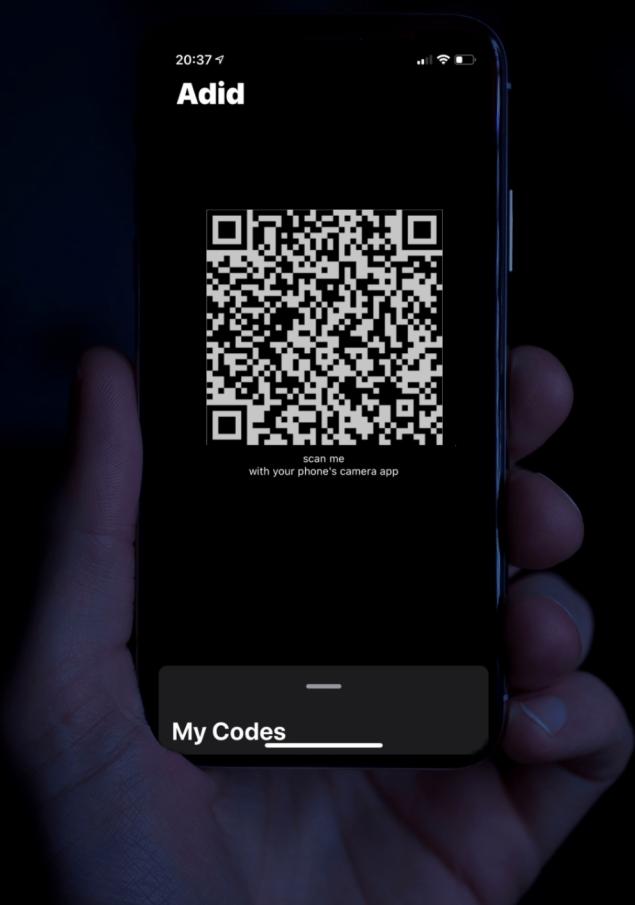
The main functionality that *adid* requires, revolves around creating specially encrypted QR codes. These 'connect codes' contain all to be shared contact details and make the QR creation integral. The proprietarily developed encryption protocol provides the app with many benefits such as offline capability from bottom-up.

As adid shall not be a **data-mining, off privacy benefitting** project. This requires the app to work **offline**, an outstanding achievement and proud feature.

Another differentiating aspect that adid incorporated, is, that the other person, wanting to scan the connect code and thus acquiring contact details, is **NOT** required to have the app installed.



Contact sharing made simple



*"Sharing contact information has never been simpler."*

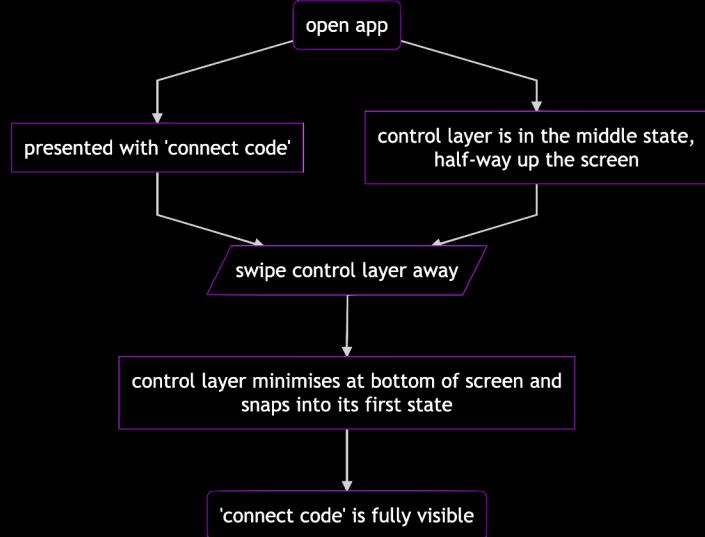
*"It literally takes less than five seconds"*

*"It's so convenient"*

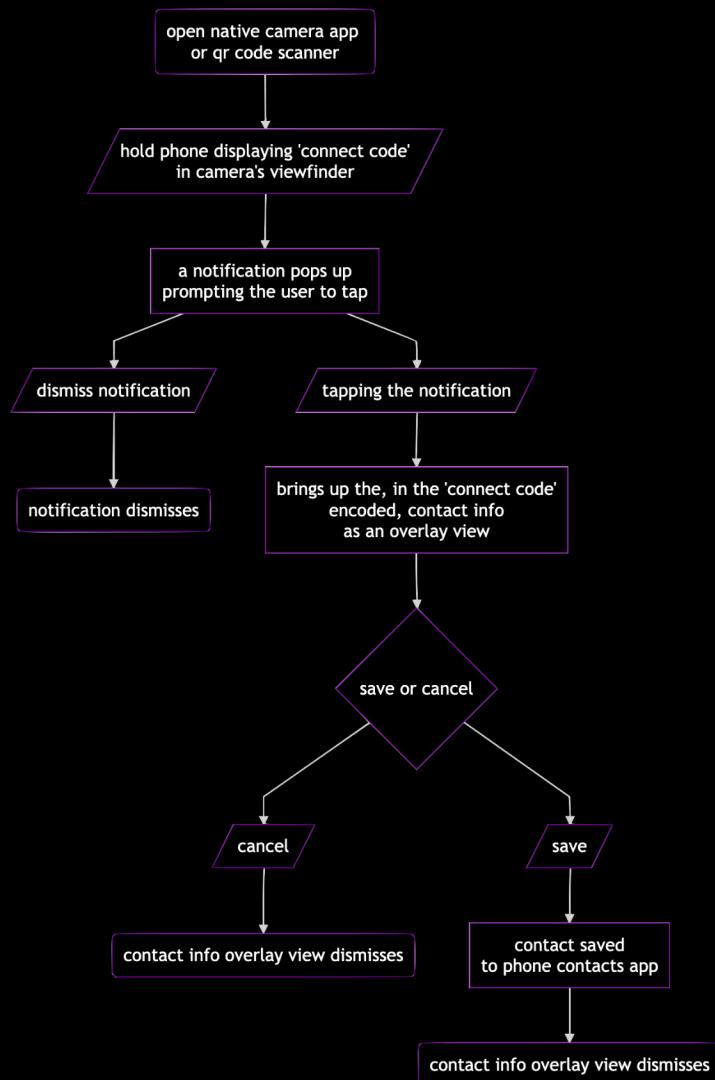
Adid is an app that aims at being extraordinarily user friendly. Fact of the matter is, that there has been no modern and broadly accepted system in place before adid. The immense focus on detail regarding user interface design, with major influences from apple's own apps, makes adid easy to use to any first-time-user. The metaphors of depth in synergy with the native, very intuitive feeling engineered, interaction options for the UI, create an immersive atmosphere that lets the user take control naturally with ease.

# Process flows

## Showing the user's '*connect code*'

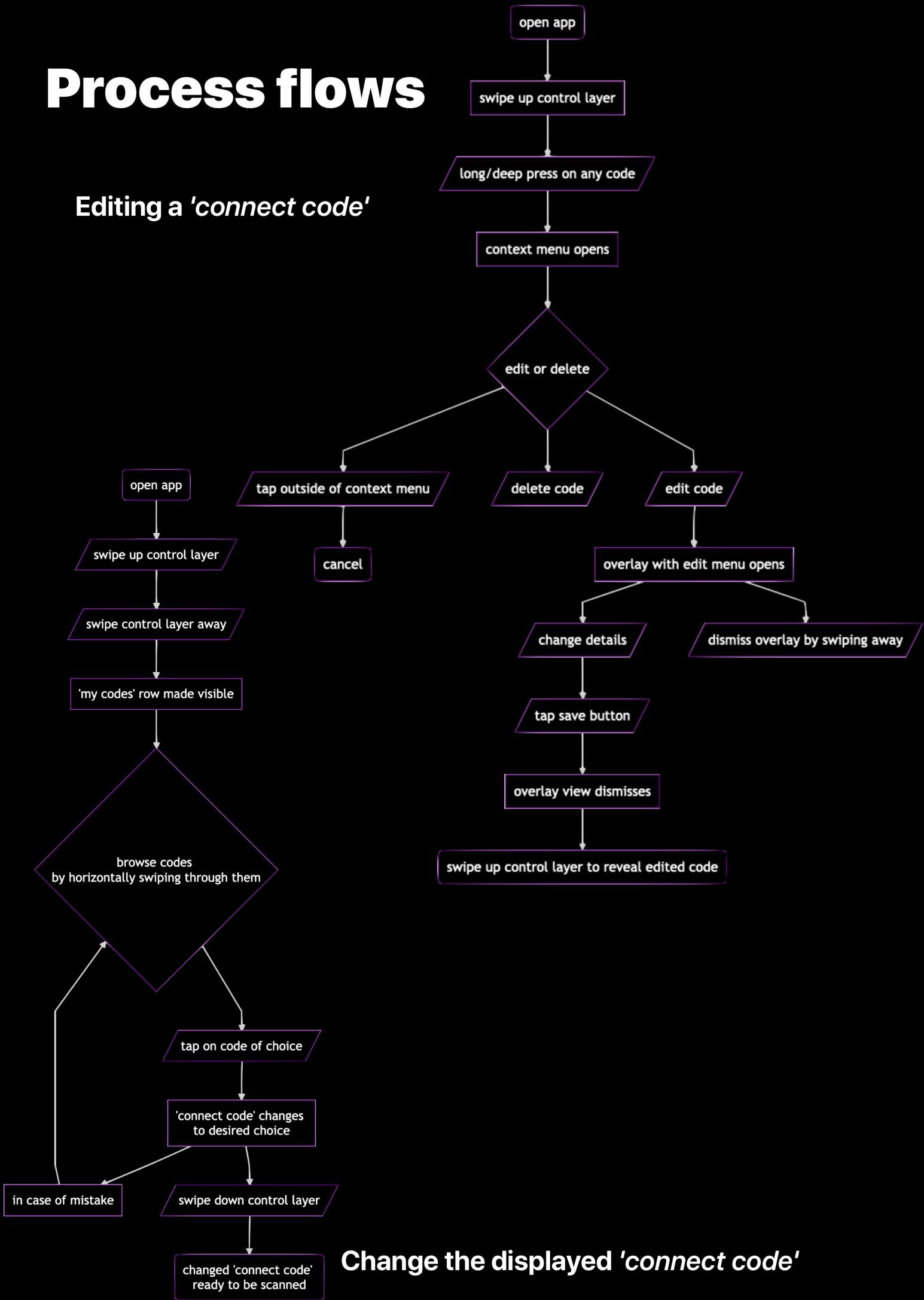


## scanning a '*connect code*'



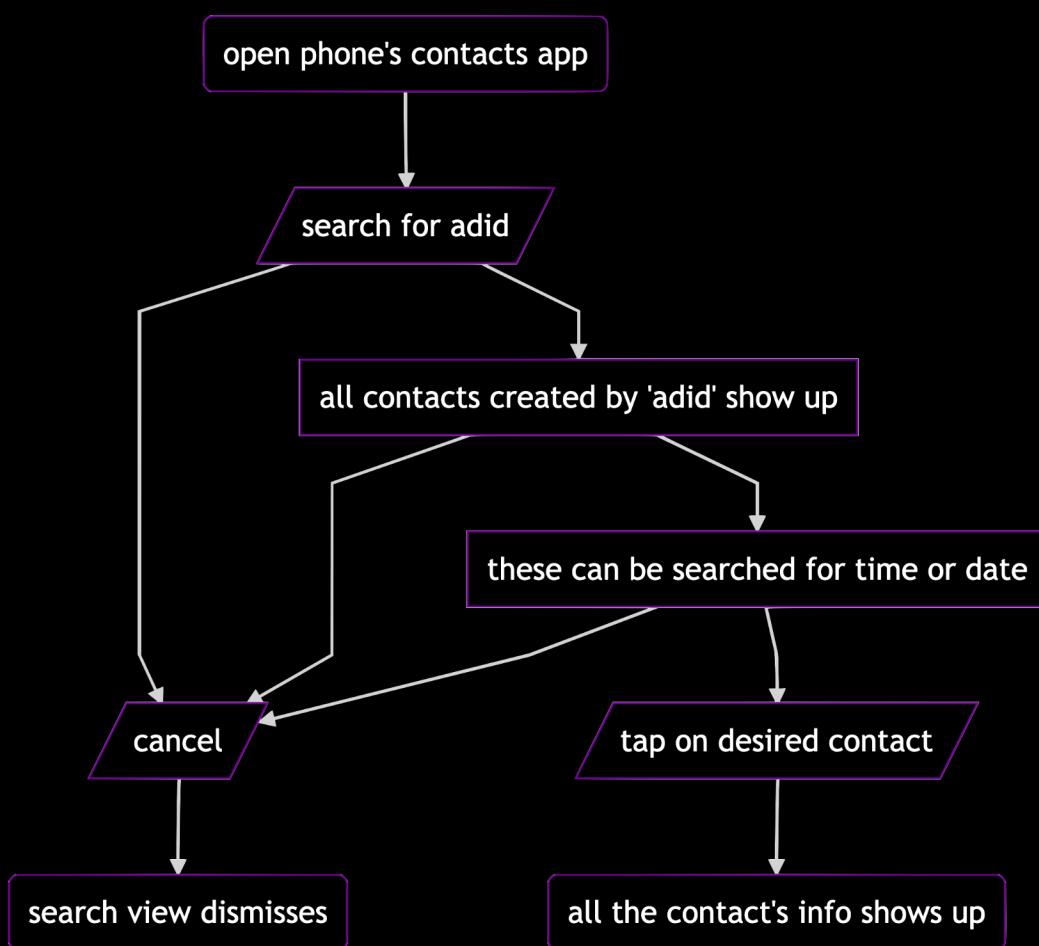
# Process flows

## Editing a 'connect code'

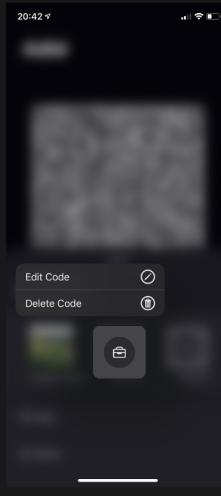
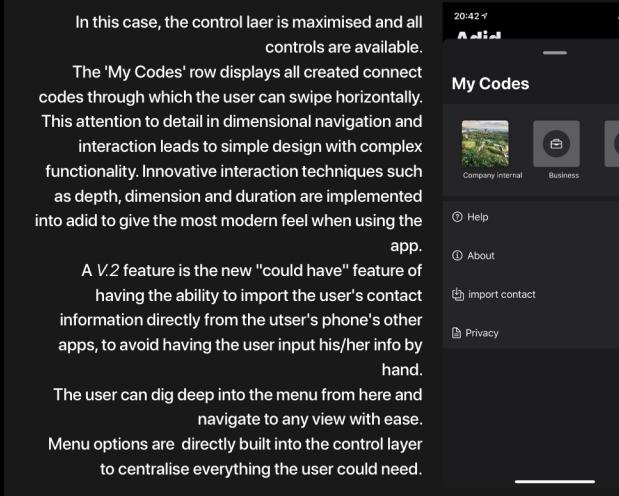
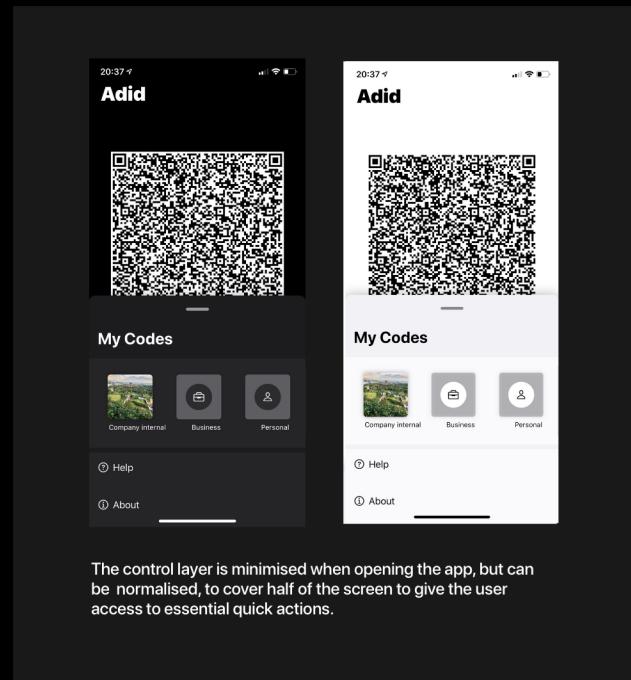
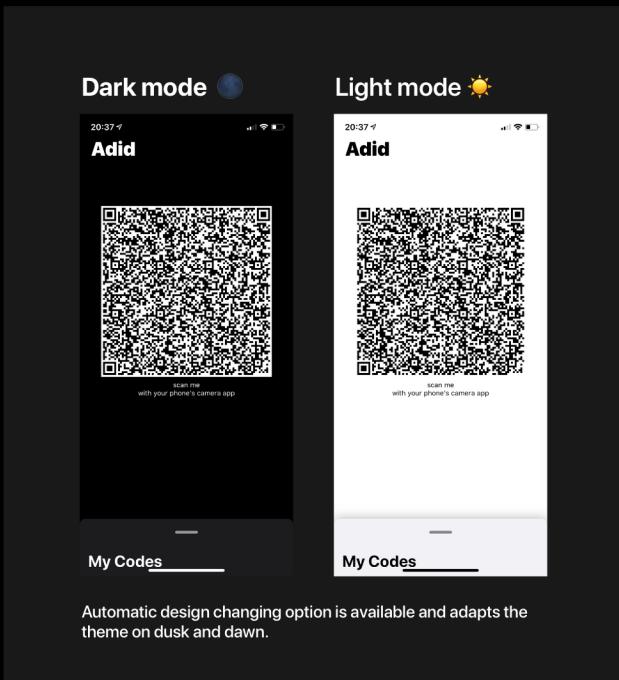


# Process flows

## Finding a contact that has been added by/via *adid*

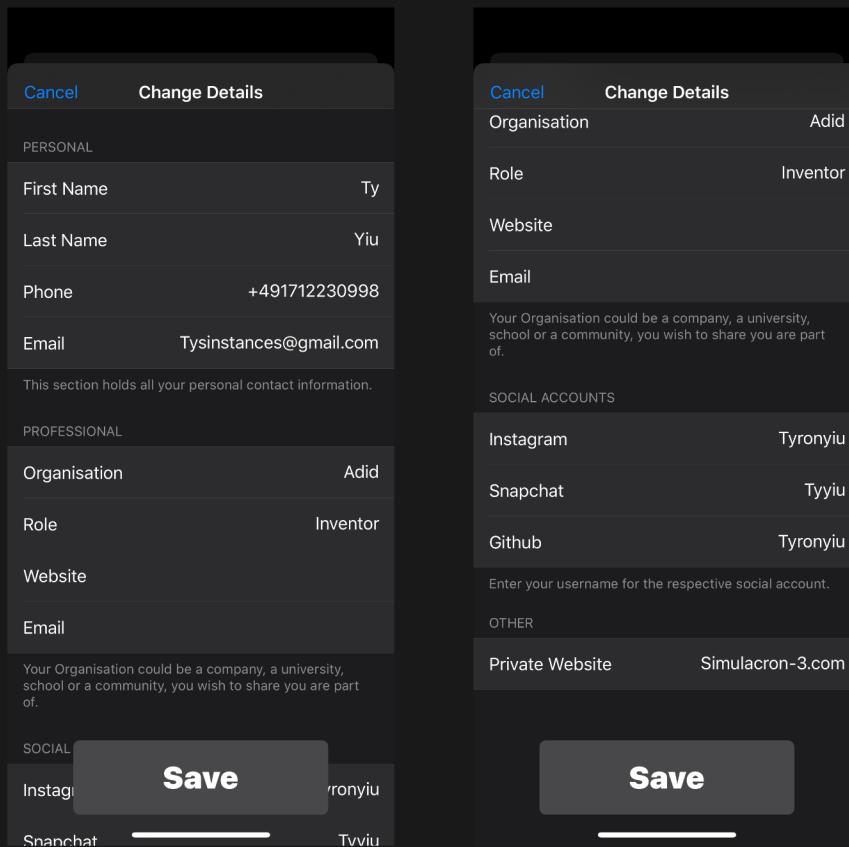


# User interface



# User interface

## connect code details view



The detail page of a connect code brings up the contact information stored in that code and can be edited on the fly! This view is presented as an overlay, again, underlining the aspect of depth and dimensionality to keep a consistent UI and can be dismissed with the cancel button or by swiping the view down.

Contact information includes personal information, corporate/professional options and social accounts and there are much more to come!

## Video to App overview

[pointer.simulacron-3.com](http://pointer.simulacron-3.com)

## Link to App on App-store

<https://apple.co/31Bhc2w>

or

scan code on first page