

ADID

Design Document



Contact sharing made simple

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 proprierarily 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.



"Sharing contact information has never been simpler."

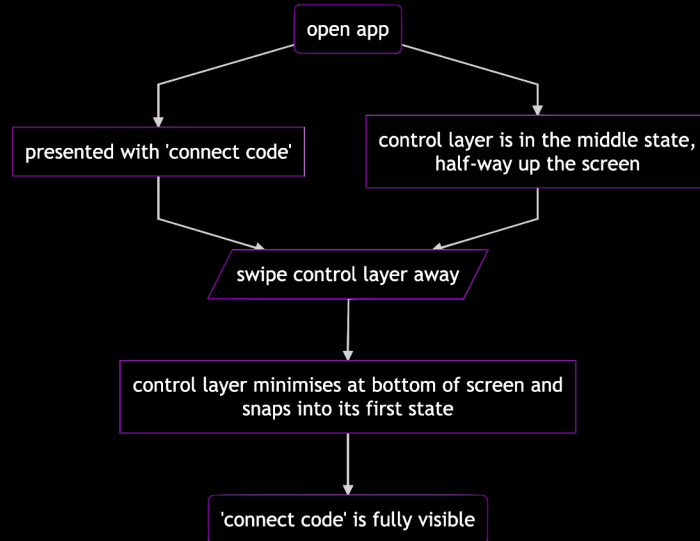
"It literally takes less than five seconds"

"It's so convenient"

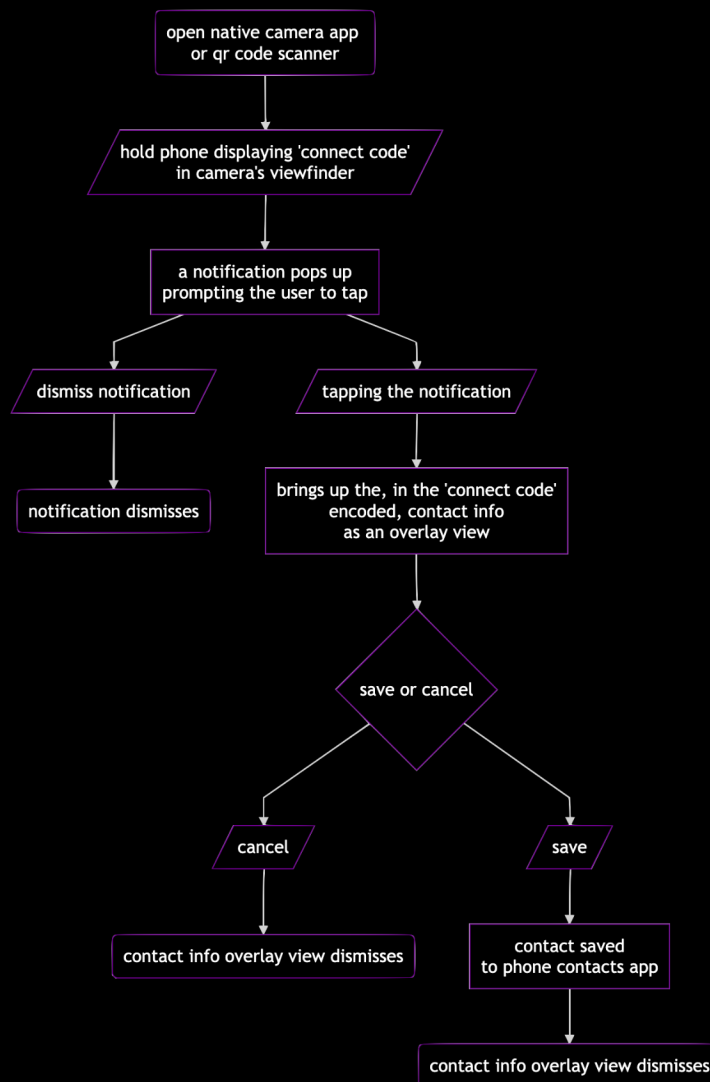
Adid is an app that aims at being extraordinarily user friendly. Fact of the matter is, that there has been no modern and broadly accepted system in place before *adid*. The immense focus on detail regarding user interface design, with major influences from apple's own apps, makes *adid* easy to use 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'

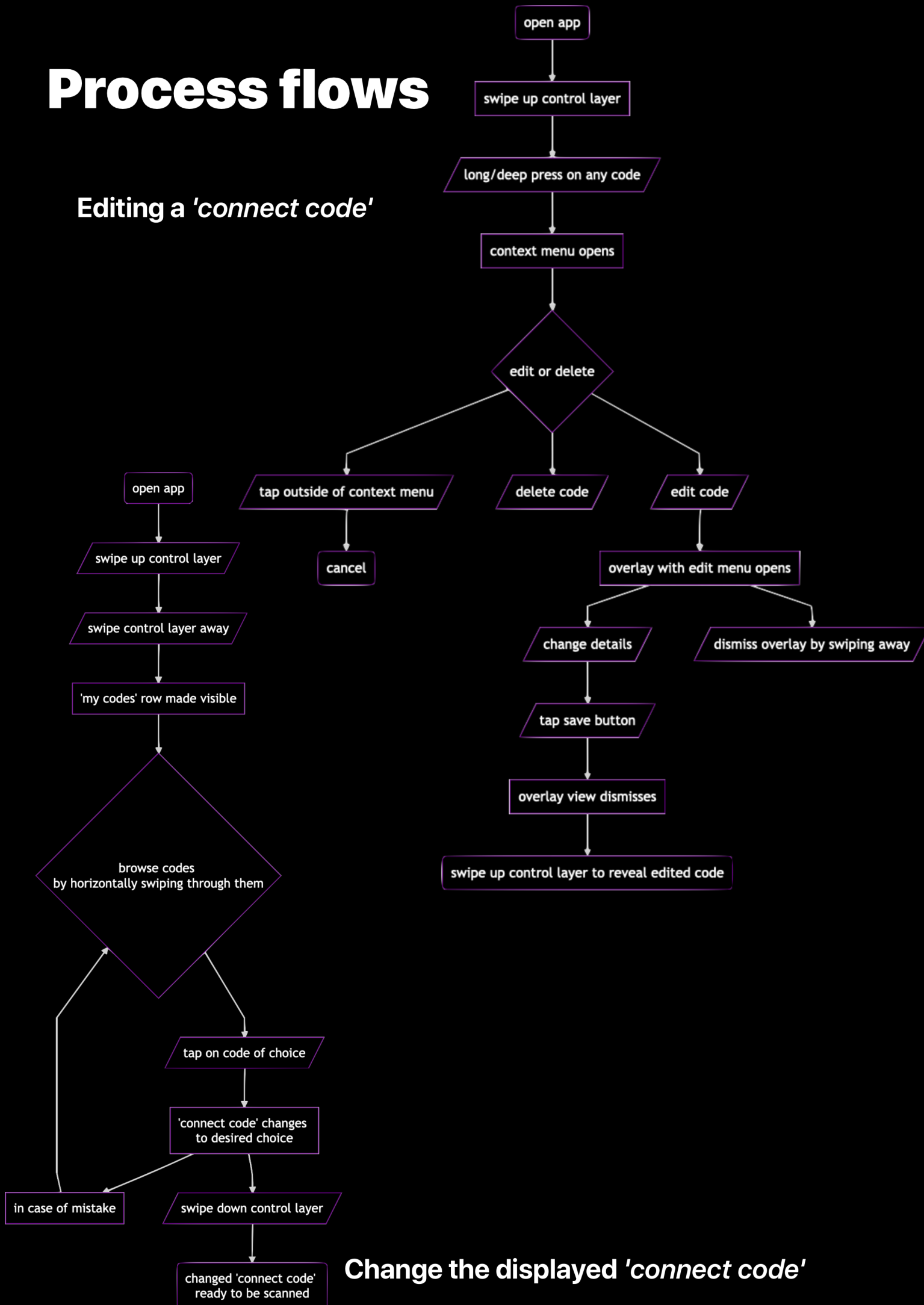


scanning a 'connect code'



Process flows

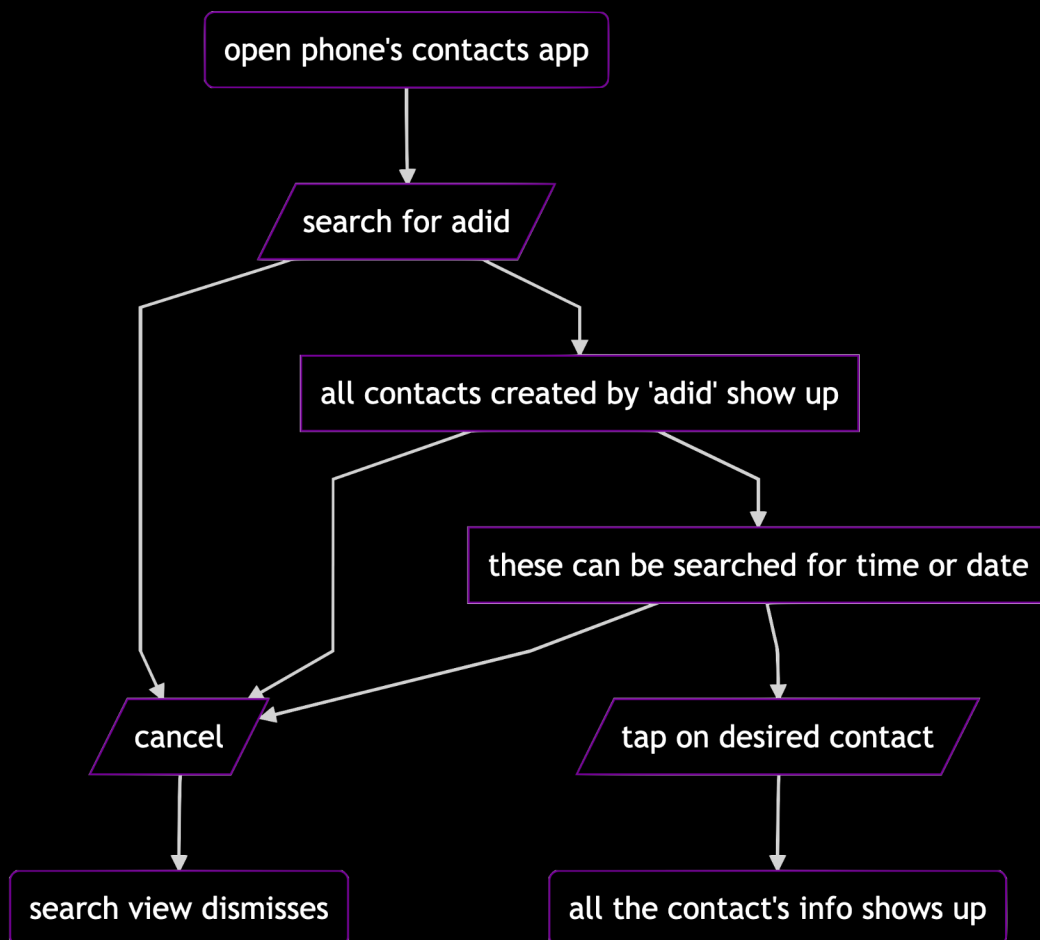
Editing a 'connect code'



Change the displayed 'connect code'


Process flows

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



User interface

Dark mode 

Light mode 

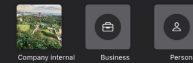


My Codes

Automatic design changing option is available and adapts the theme on dusk and dawn.



My Codes



Help

About



My Codes



Help

About

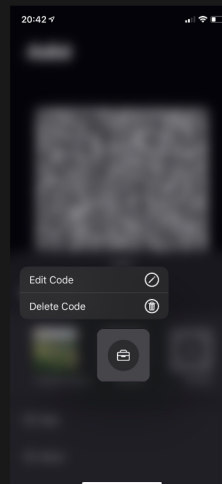
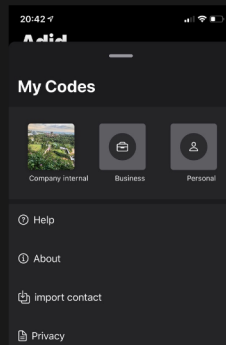
The control layer is minimised when opening the app, but can be normalised, to cover half of the screen to give the user access to essential quick actions.

In this case, the control layer is maximised and all controls are available.

The 'My Codes' row displays all created connect codes through which the user can swipe horizontally. This attention to detail in dimensional navigation and interaction leads to simple design with complex functionality. Innovative interaction techniques such as depth, dimension and duration are implemented into adid to give the most modern feel when using the app.

A V.2 feature is the new "could have" feature of having the ability to import the user's contact information directly from the user's phone's other apps, to avoid having the user input his/her info by hand.

The user can dig deep into the menu from here and navigate to any view with ease. Menu options are directly built into the control layer to centralise everything the user could need.



In this view, the user has long pressed or force pressed a code icon / button. This action prompts the 'context menu' to reveal itself to give access to options regarding that particular 'connect code' that are also available in other places.

As can be seen, there are the option to edit a connect code or to delete a connect code altogether. Both of these options are accessible at the far right of the row, but can easily become inaccessible when the user has many different connect codes.

User interface

connect code details view

PERSONAL

First Name	Ty
Last Name	Yiu
Phone	+491712230998
Email	Tysinstances@gmail.com

This section holds all your personal contact information.

PROFESSIONAL

Organisation	Adid
Role	Inventor
Website	
Email	

Your Organisation could be a company, a university, school or a community, you wish to share you are part of.

SOCIAL ACCOUNTS

Instagram	Tyronyiu
Snapchat	Tyyiu
Github	Tyronyiu

Enter your username for the respective social account.

OTHER

Private Website	Simulacron-3.com
-----------------	------------------

Save

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

Link to App on App-store

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

or

scan code on first page