

Forget Me Not

View, Share, Memory and Life

Forget Me Not



 Sign in with email

 Sign in with phone

 Sign in with Google

 Sign in with Facebook



Secure and Easy

Third Party Authentication

8:49

Forget Me Not



Choose an account
to continue to Forget Me Not



Calvin Huang
c.dovermore@gmail.com



Use another account

To continue, Google will share your name, email address, and profile picture with Forget Me Not.



Sign in with Facebook

Share and interact

With Family and Friend

8:39



Artifact Hub



2019-10-21 16:34

DETAIL

TIMELINE



Chen Qiang



My little dress, only two chopsticks long

2019-10-21 16:31

DETAIL

TIMELINE



Chen Qiang



Hub



Contacts



Footprint



Event

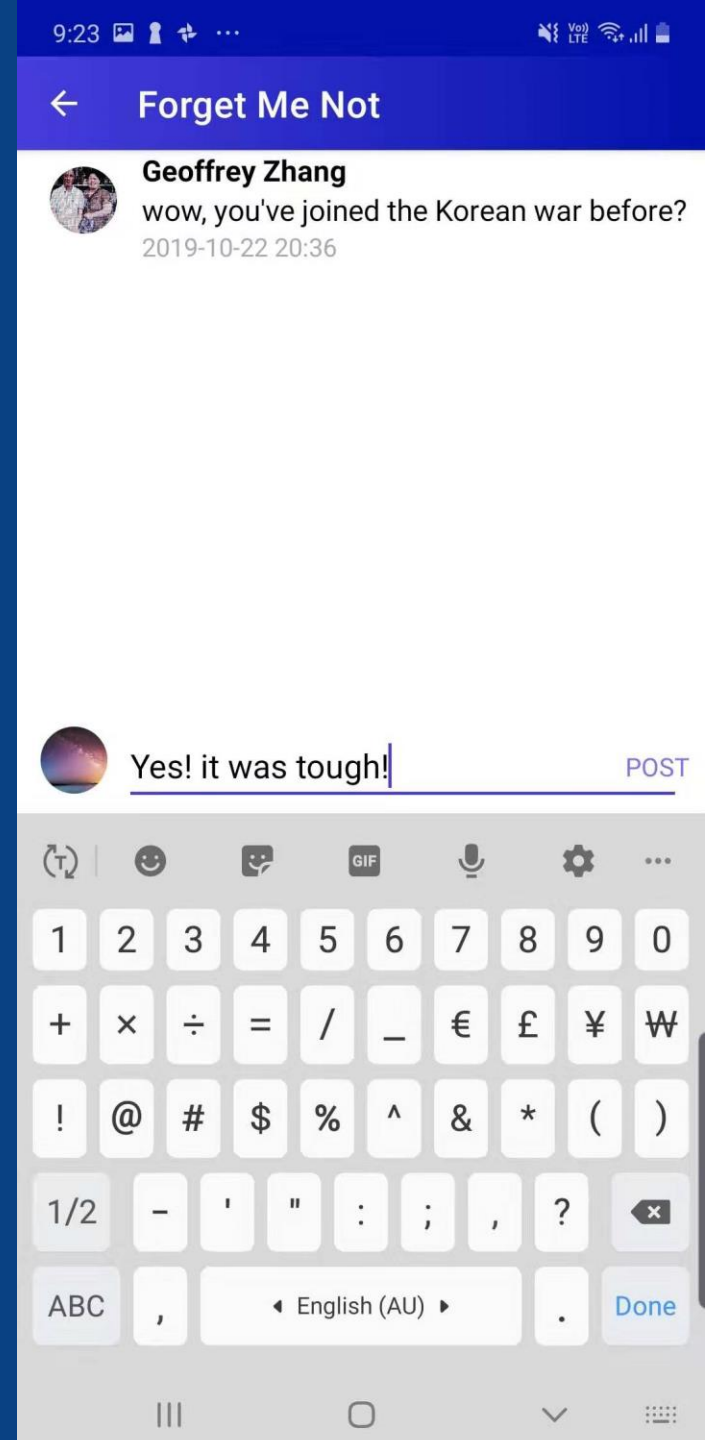


Me



Share and interact

With Family and Friend





THE UNIVERSITY OF
MELBOURNE

Your Timeline, Your Life

Make History Clear as a String

9:21 VoLTE

← My childhood



1995-10-31 16:28
I was 100 days old!

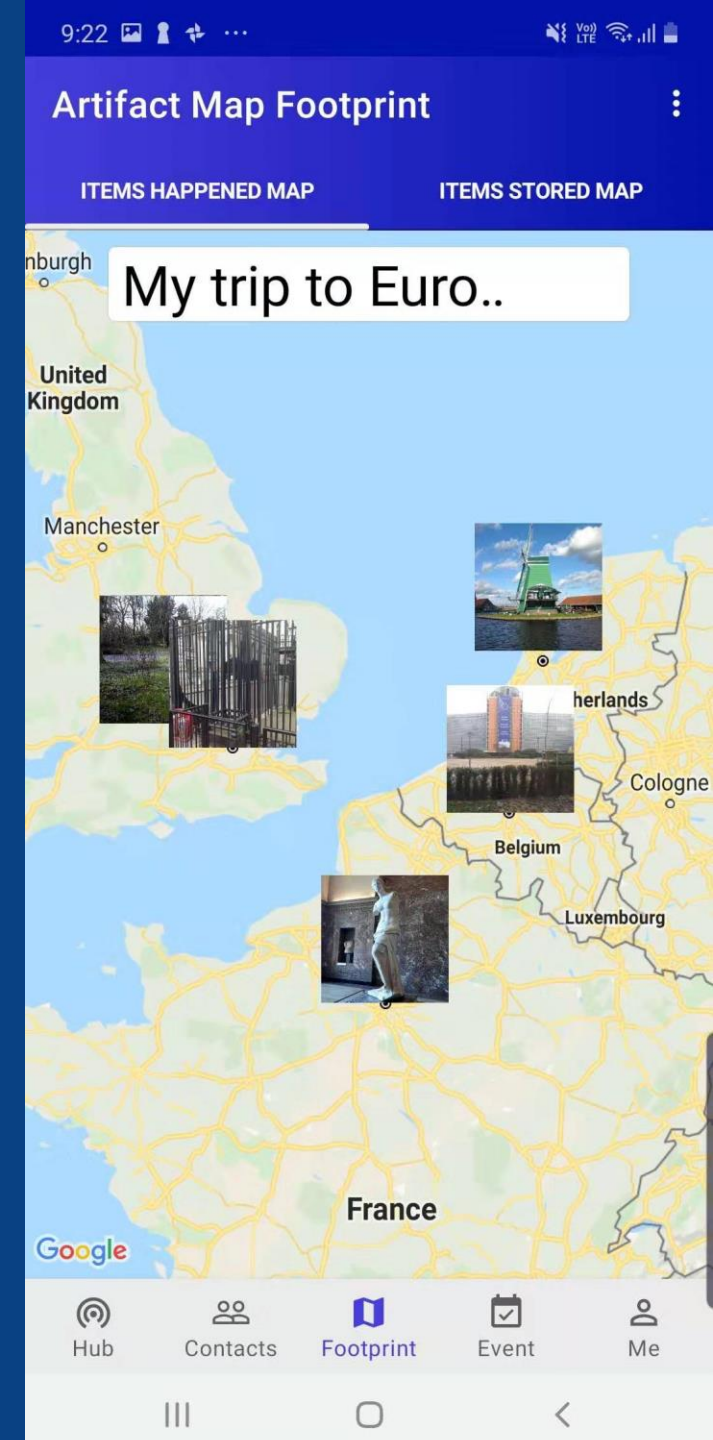


1996-12-10 16:33
I could walk!



Your Footprint, Your Like

Memory clear as a Map





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Forget Me Not

COMP30022-IT-Project Presentation

Team: Family.AI

KeyNote Speaker: Calvin Huang, XuLin Yang

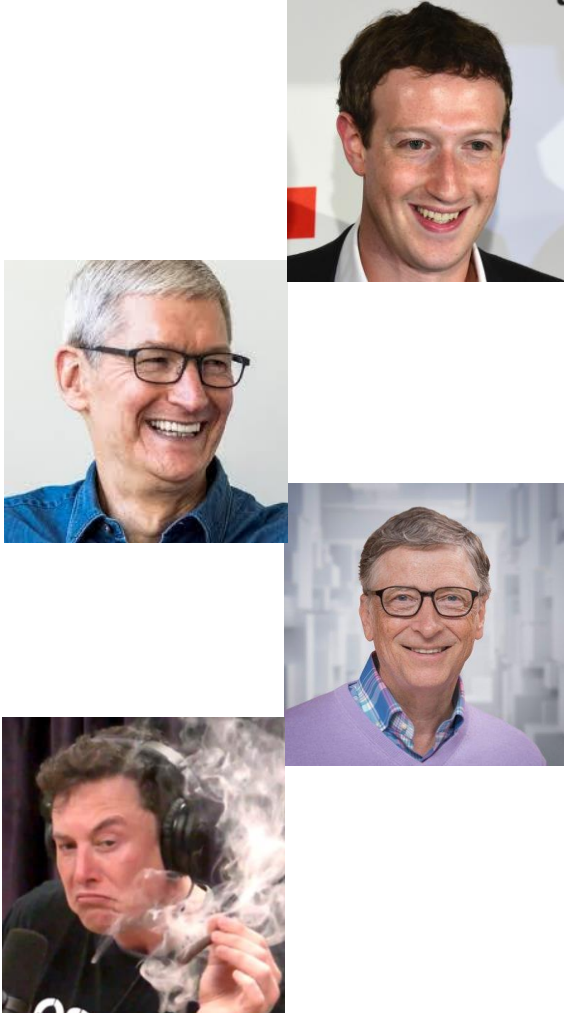




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- **Basic Information**
- Development/Requirements
- Technologies and Tools Used
- Demo & Delivery
- Lesson Learned

Our Team



Mark
Zuckerberg

- Facebook

Tim Cook

- APPLE

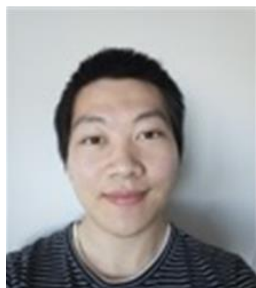
Bill Gates

- Microsoft

Elon Musk

- SpaceX

Family.AI



Calvin
Huang

- Data Science

XuLin
Yang

- Computing and Information System

LiGuo
Chen

- Computing and Information System

HaiChao
Song

- Computing and Information System

Family.AI



Calvin
Huang

- No Mobile/Web Experience

XuLin
Yang

- No Mobile/Web Experience

LiGuo
Chen

- No Mobile/Web Experience

HaiChao
Song

- No Mobile/Web Experience

Family.AI



Money

Family.AI



Power

Richard
Ruizhi
Li

- Supervisor





Our Client

- **Client:**
 - Geoffrey Zhang
- **Work:**
 - Senior consultant
- **Location:**
 - Shanghai
- **Age:** 50

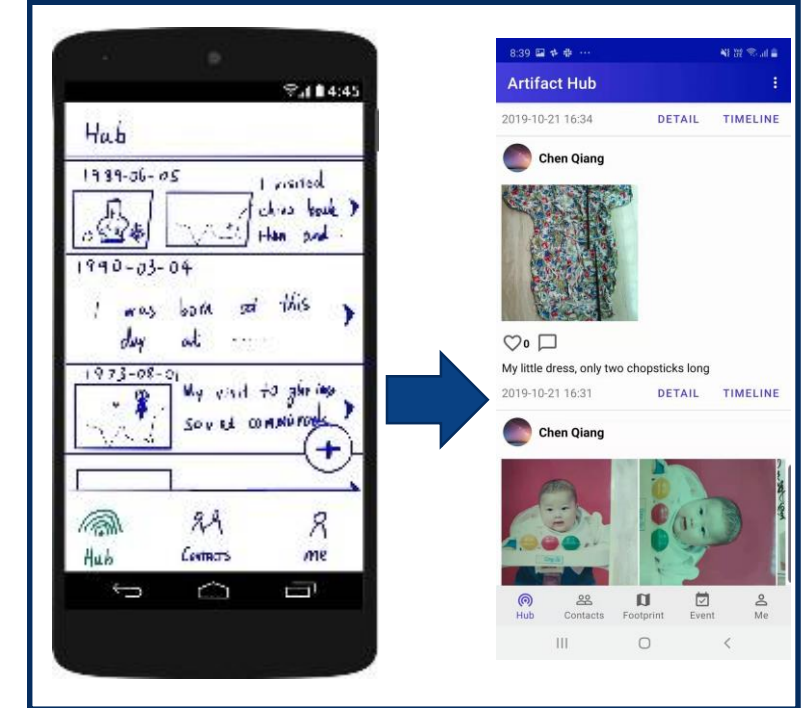
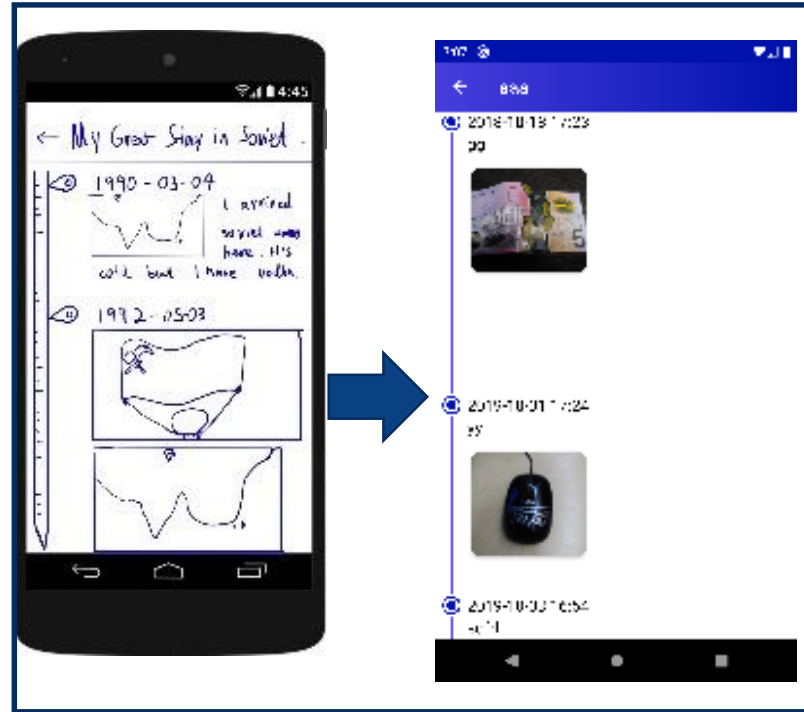
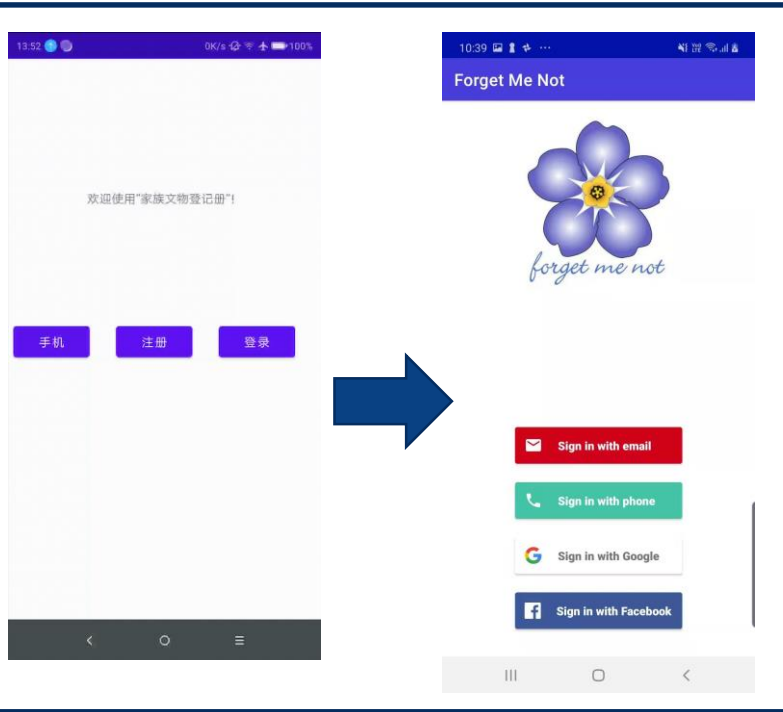




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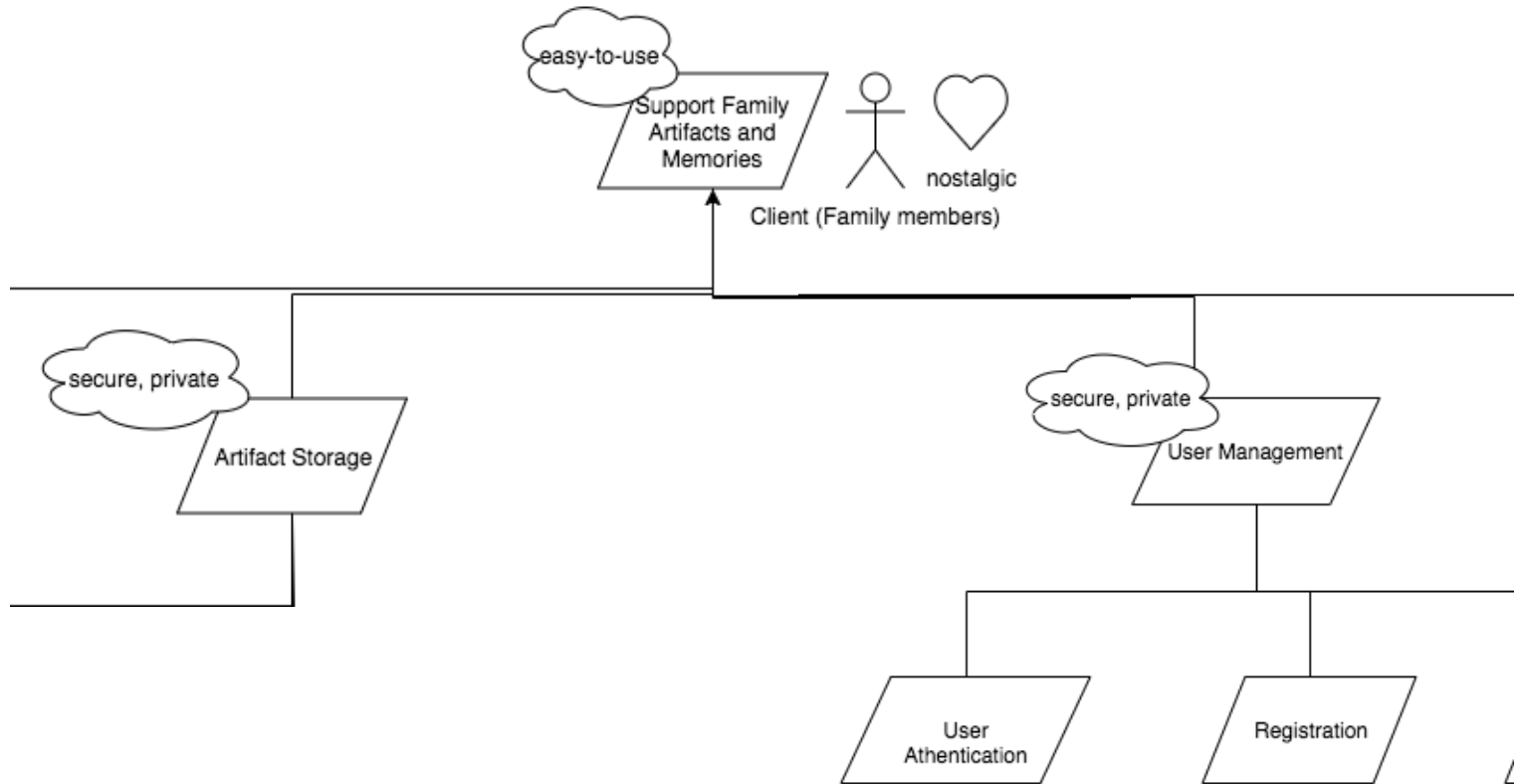
- Basic Information
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Iteration, Road Map



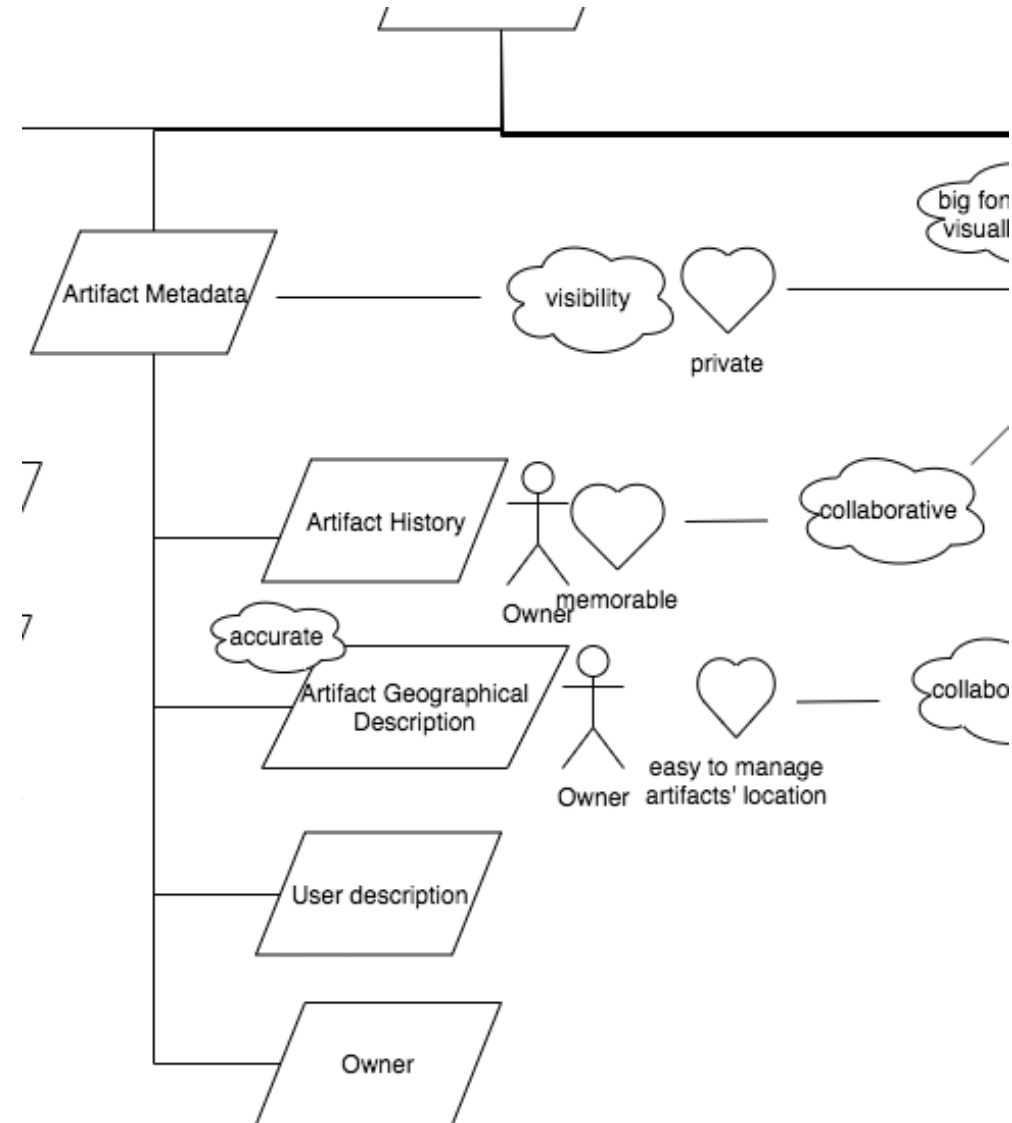
The Essential

- Easy/Intuitive to Use
- Secure
- Accessible
 - anywhere
 - any device



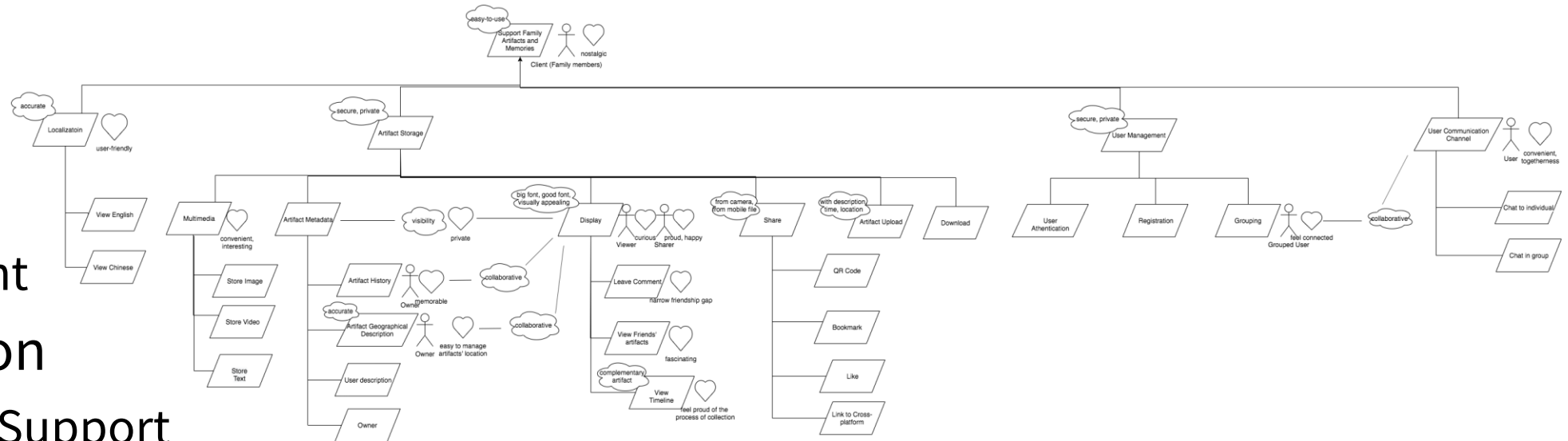
Rich Presentation

- History – Timeline
- Date & Time
- Geographical location
 - Event location
 - Store location



Many More...

- Interaction
 - Share
 - View
 - Like
 - Comment
- Localization
 - Chinese Support
 - English Support



Non-Functional Requirements



Secure & Easy

OAuth



Performance

Real-time synchronization



Modern Design Principle

Material Design



Maintainability

Advanced architecture



Availability

Deployed in Google Play
Store!

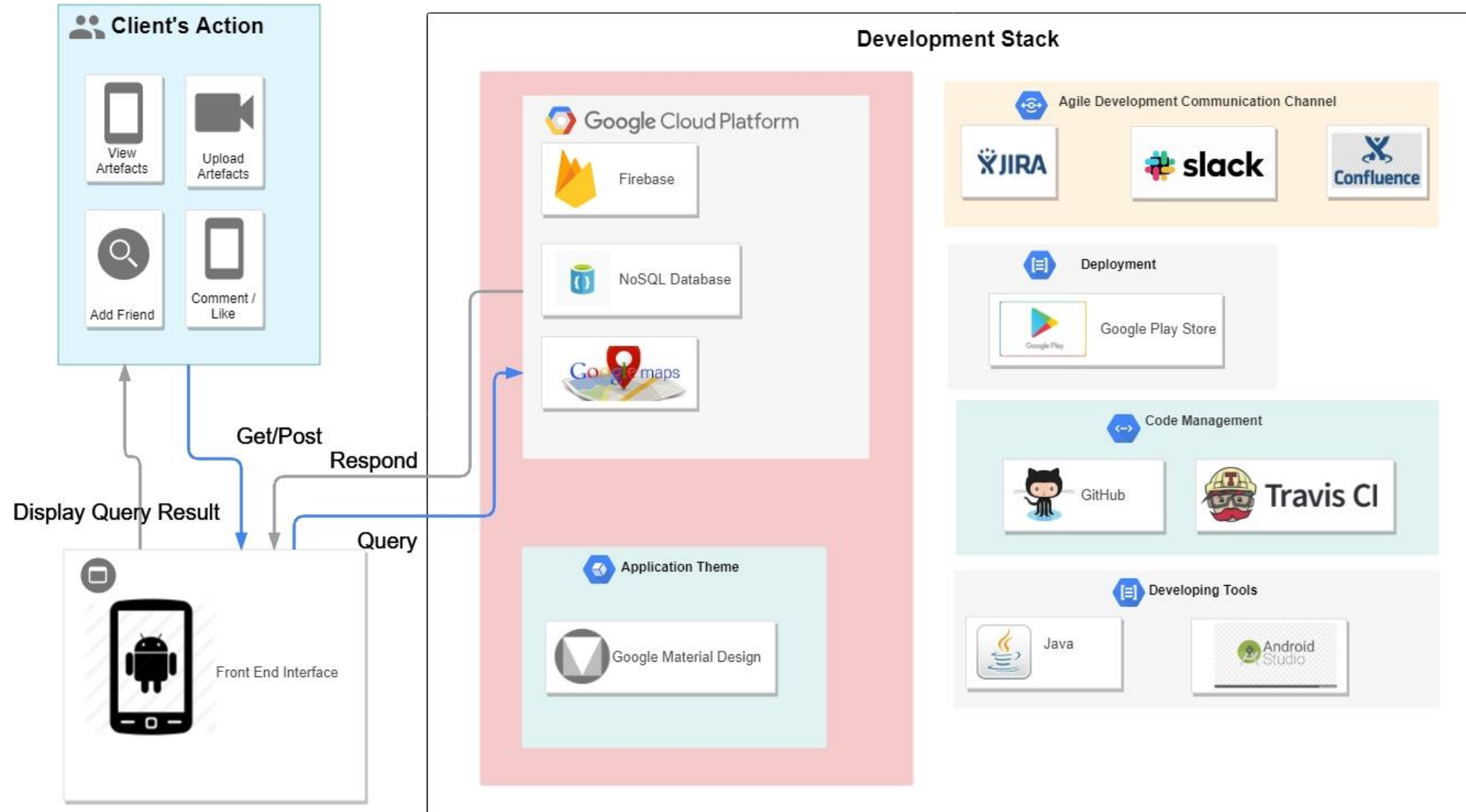




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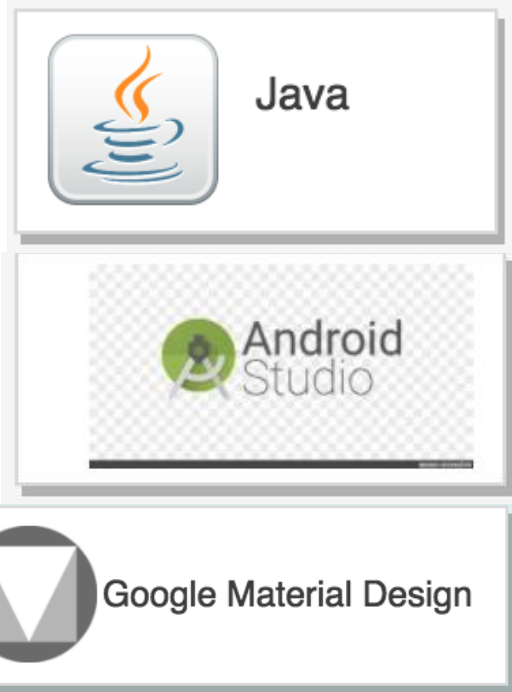
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Overview



Mobile/Android/Java

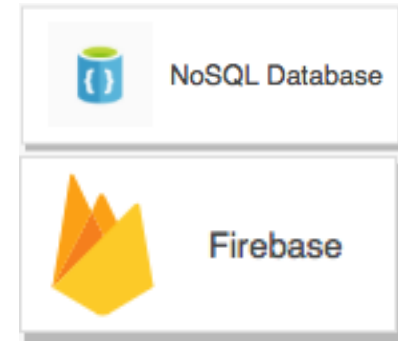
- Mobile/Android
 - Large Growing Platform
 - Client requirement
 - FUN
- Java
 - Familiarity
 - Coding standard





Firebase

- Schema-less/SQL-less
 - Flexibility
 - Easy to start
- Firebase
 - Authentication/FireStore/Storage
 - Native Android SDK
 - Instant response
 - Real Time Listening
 - FREE



Google Cloud Platform

- GCP (Google Cloud Platform)

Powerful

- Map SDK/API
- Location SDK/API
- Places SDK/API
- GPS SDK/API



Google Cloud Platform



Google Play Store

We have come a long way

1,306 commits20 branches

Branch: masterNew pull request

yangxvlin fix bug

.github

add config file

app

fix bug

Filtersis:issue is:closedLabels 14

Clear current search query, filters, and sorts

2 Open34 Closed

Author

timeline list real-time update bugbug

#203 by chen-dudu was closed 3 days ago

bug which causes app to crashbug

#183 by chen-dudu was closed 6 days ago

Travis CI

GitHub

Filtersis:pr is:closedLabels 14

Clear current search query, filters, and sorts

0 Open179 Closed

AuthorLabelsPr

add config✗

#215 by yangxvlin was merged 23 hours ago • Review required

Deploy✓

#214 by yangxvlin was merged 23 hours ago • Review required



Miscellaneous

Other Technologies	Attribution
CircleImageView	hdodenhof/CircleImageView
Android Image Cropper	ArthurHub/Android-Image-Cropper
Timeline-View	vipulasri/Timeline-View
Beautiful toast message	GreenderG/Toasty
Glide(video thumbnail)	bumptech/glide
UltraViewPager(image slide)	alibaba/UltraViewPager
KM Popup Image Slider for Android	smhdk/KM-Popup-Image-Slider
SmartTabLayout	ogaclejapan/SmartTabLayout
RecyclerStickyHeaderView	TellH/RecyclerStickyHeaderView
FlycoDialog	H07000223/FlycoDialog_Master
InteractiveInfoWindowAndroid(map)	Appolica/InteractiveInfoWindowAndroid

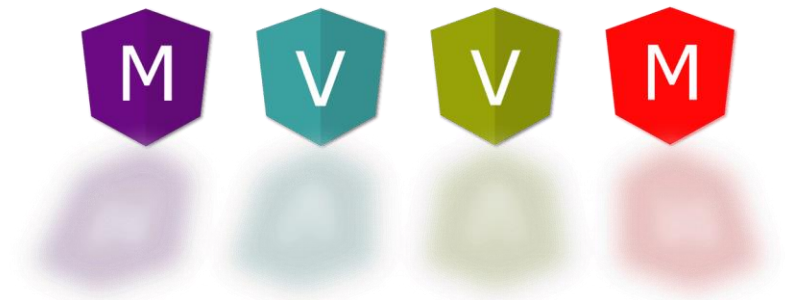
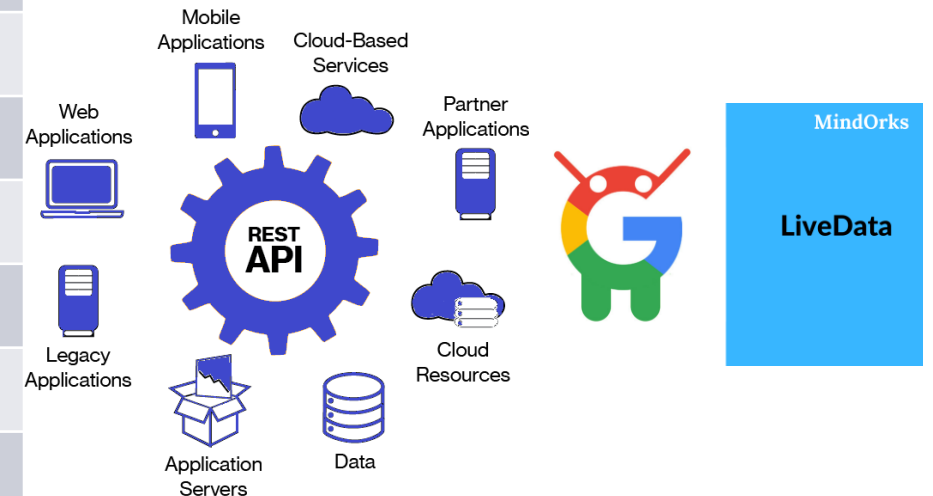




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Functionality Overview

- Sign in & Sign up easily
- Rich item description methods
- Powerful artifact management
- Social Contact
- Interactive Hub
- Clear & Intuitive time-based item look-up in the timelines
- Clear & Intuitive location-based item look-up on Map
- Customized Event Recommendation System
- Support multiple languages

Functionality Overview

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Immersive Demo





Rich item description methods

15:34 2K/s 86%

← New Artifact

Your Artifact's Description:

Add description for your artifactItem.
E.g.: memory you would like to mention



📷 📹 🖼️

📍 University of Melbourne
Parkville VIC 3010, Australia

15:34 0K/s 86%


← Preview and Add Image

📷 🖼️ ➡️



15:49 0K/s 89%

← New Artifact



15:35 0.03K/s 86%

← When Happened

2019
Mon, Oct 21

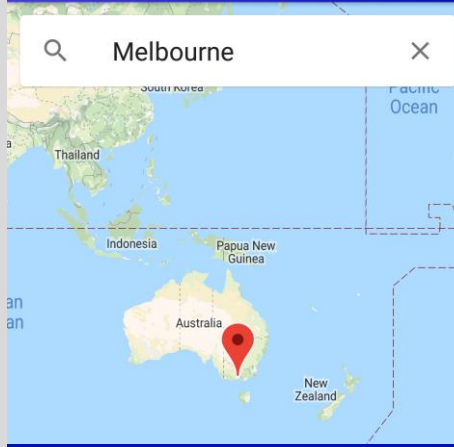
October 2019						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

➡️

15:35 0K/s 86%

← Where Happened

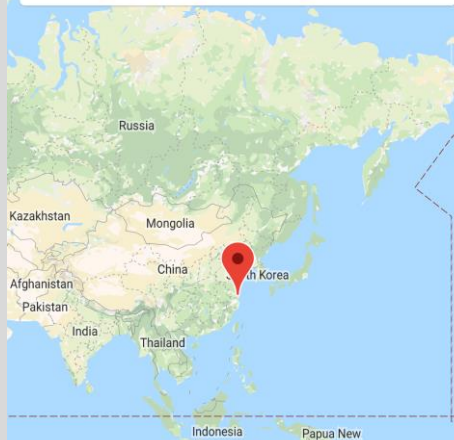
🔍 Melbourne ✕



15:36 0K/s 86%

← Where Stored

🔍 Shanghai ✕



15:36 0K/s 86%

← Choose Timeline

☒ New Timeline ☐ Existing Timeline

Input your new timeline's title here.

✓

15:37 0.08K/s 86%

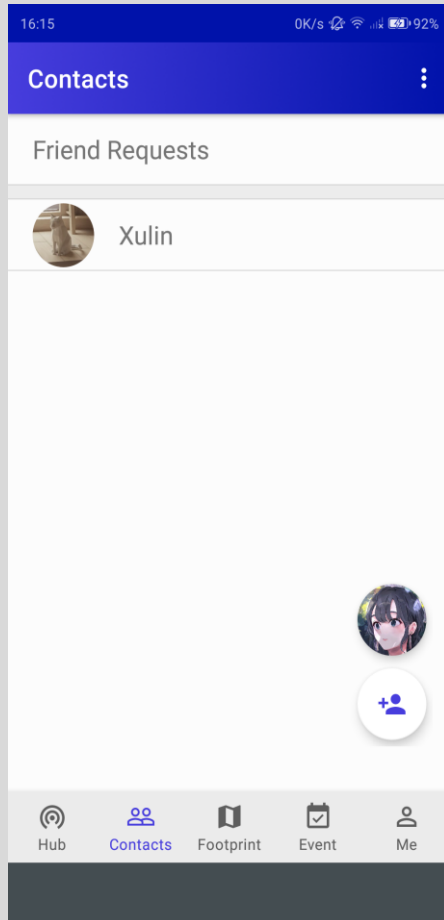
← Choose Timeline

☐ New Timeline ☒ Existing Timeline

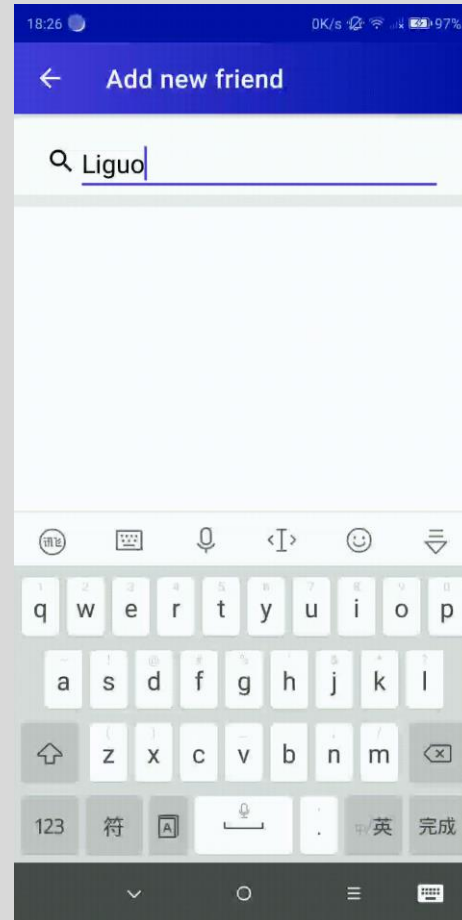
Coin collection

✓

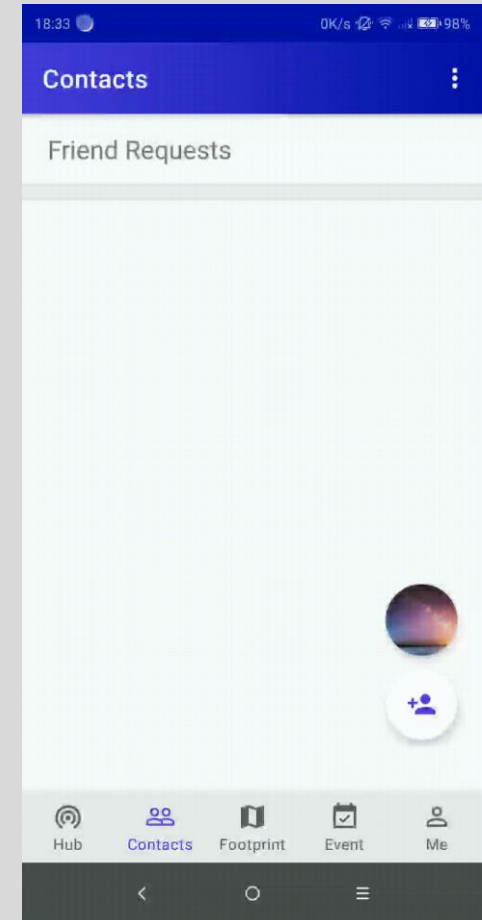
Social Contact



Contact List



Search & Add friend



Accept friend request

Immersive Demo





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Lesson Learned

- Team collaboration
- Agile/Scrum Practice
 - Flexible
 - Extensible
- Plan before implementation
- DO NOT reinventing wheels



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Thank you

Forget Me Not

Family.AI

10-23-2019

