

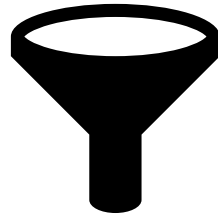


One-Stop eCampus Information Portal

Intro

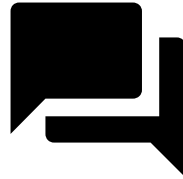
# Pain Points

- Information Overloaded (Useless News Feed)



# Pain Points

- Split personal life with campus things
- Tell feelings
- Academia/Tech Info Exchange



# Pain Points

- Lost & Found
  - Difficult to communicate
  - Waste of time



# Pain Points

- Second-hand transaction
  - Shop in School Library
    - Unfair deals
  - WeChat Group
    - Lots of limitations



Features

# Custom News Feed

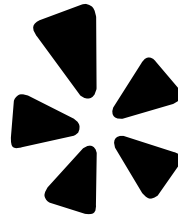
- Smart Filter: Keywords or Category
- In-App Preview





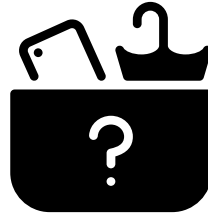
# Moments/Forum

- Richmedia
- Waterfalls flow



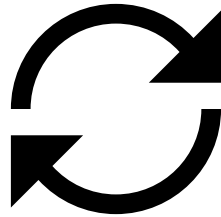
# Lost & Found

- Wide Coverage
- PM (Personal Message)



# Second-hand Transactions

- Wide platform
- Keywords Subscription



# Marketing Research

## eBJUT

- ✓ User-friendly design
- ✓ Fast iteration
- ✓ Instant push notification
- ✓ Cross-platform
- ✓ Internal access available

## Competitor



- ✗ Non-user-friendly design
- ✗ Waiting for regulation verify
- ✗ Lack of push notification
- ✗ Non-cross-platform
- ✗ Internet required

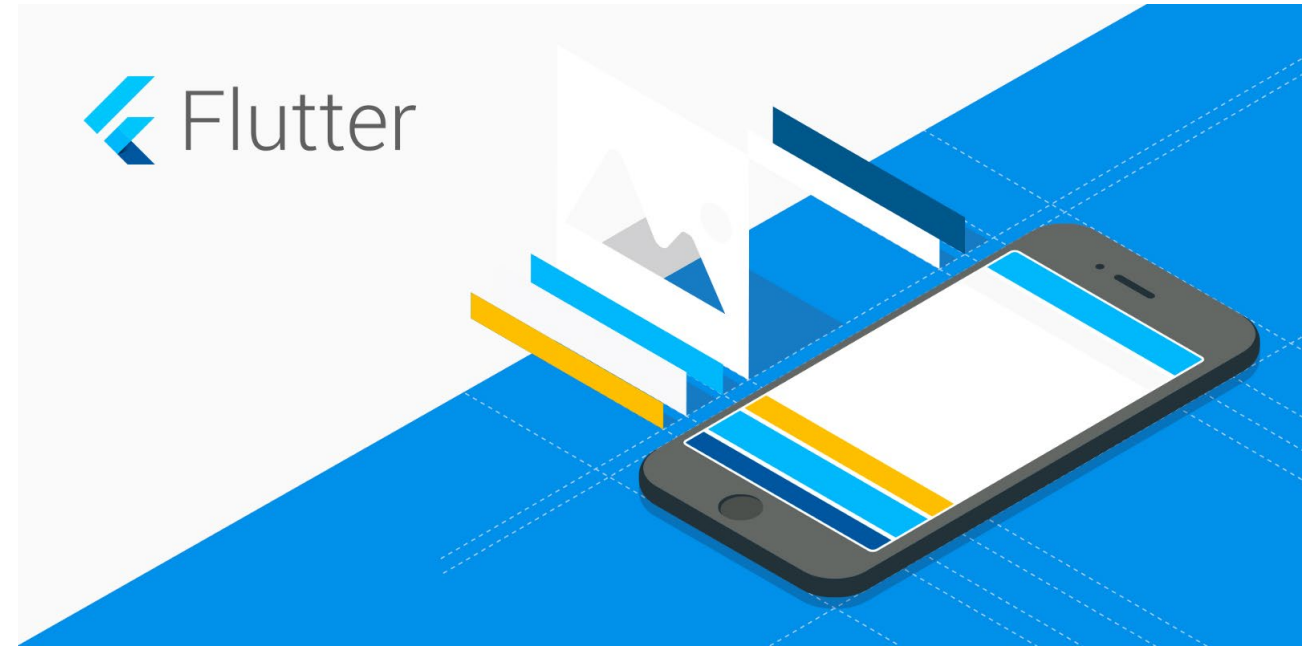
Framework

# Division of Work

Member	Work
Tianze Wen	Front-end Dev, Mobile App Dev (Android Client)
Xicheng Li	DBA, AppOps, Back-end Dev (NewsFeed)
Xingren Wang	Back-end Dev (Moments, Forum)
Xinyun Fang	Back-end Dev (Lost & Found, Second-hand Transaction)
Yiwen Shang	Back-end Dev (Accounts), Front-end Dev

# Front-end

-  Flutter + Webview
- Developed by 
- Dart language



# Front-end

- Material Design
- Cross-platform: iOS / Android
- Hot reload



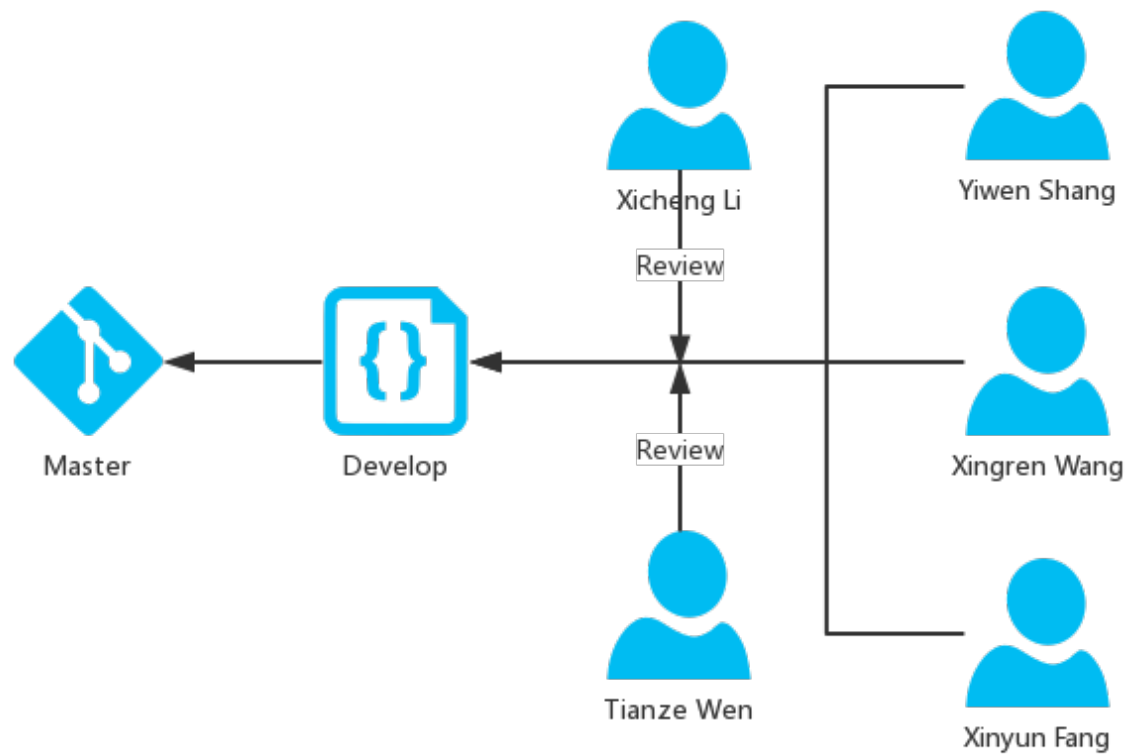


# Front-end

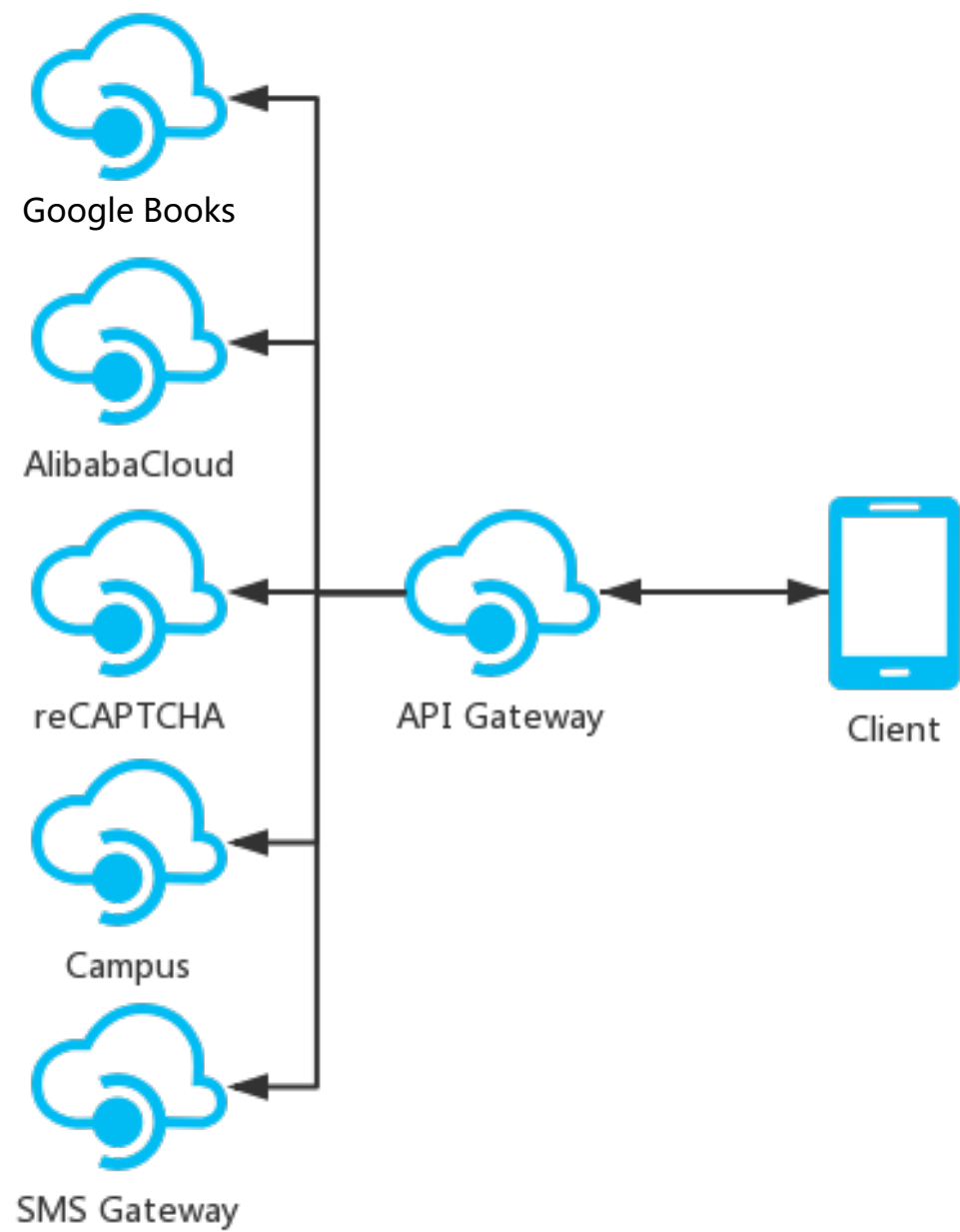
- Html5
- CSS3
- JavaScript



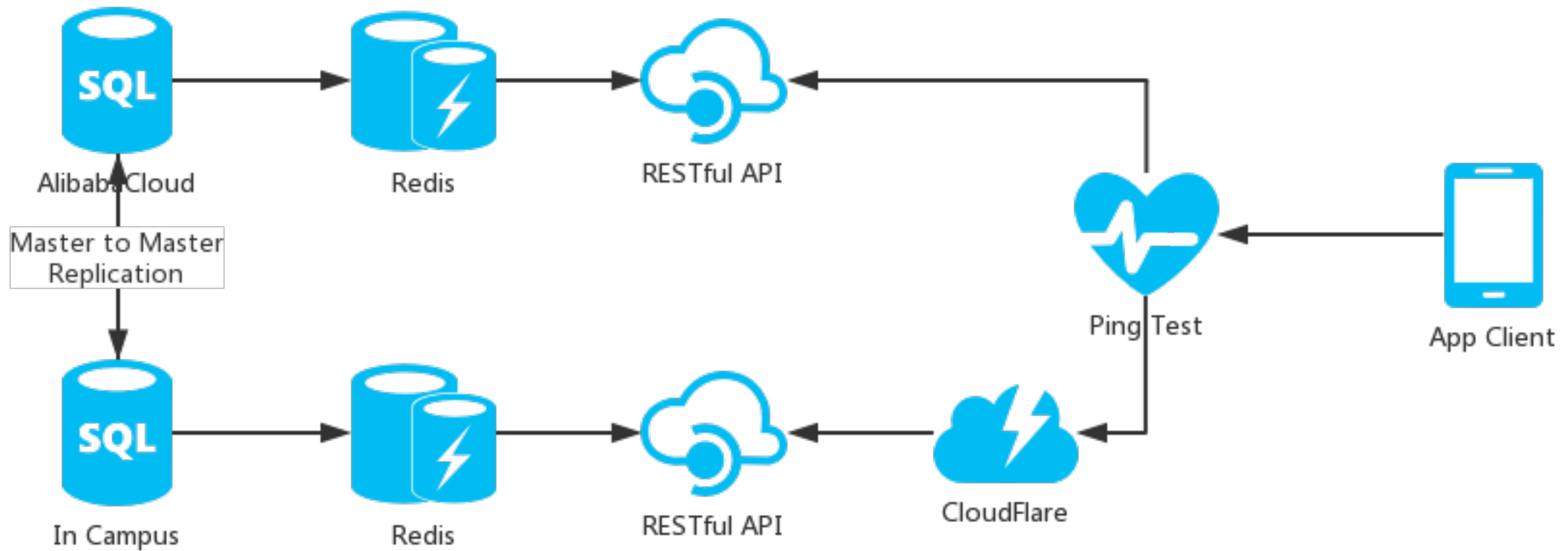
# Teamwork



# Service

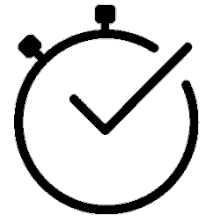


# Service



# SLA

- HAProxy & Keepalived on L4 / L7
- Master-to-Master Replications of MySQL
- Front CDN by CloudFlare



99.9999%

# Security & Authentication

- WAF powered by ModSecurity
  - Regex expressions
  - SaaS Security Audit
- bCrypt Hash
  - Google reCAPTCHA



# Reference

- Firewall by Dinosoft Labs from the Noun Project.
- Key, Clock, Yelp, Flag, Filter, Loop, Flower from IcoMoon.
- Forum by Alibaba from IconFont.
- Lost item from FlatIcon.
- Microsoft Azure Icons from Microsoft Azure.



# Thanks

