

goto; conference



Click 'engage'
to rate sessions
and ask questions



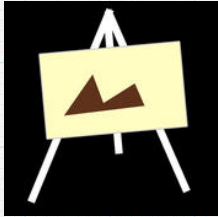
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Blueprint of a Mobile App

Indy Khare - Tech Lead & Manager
Google Photos Android

2008 - 2009



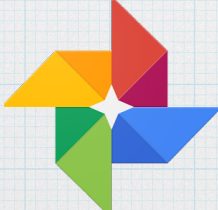
iOS

2010 - 2013



iOS & Android

2013 - Today



Android

Designing
Building
Iterating

Designing

Do a few things
and do them well

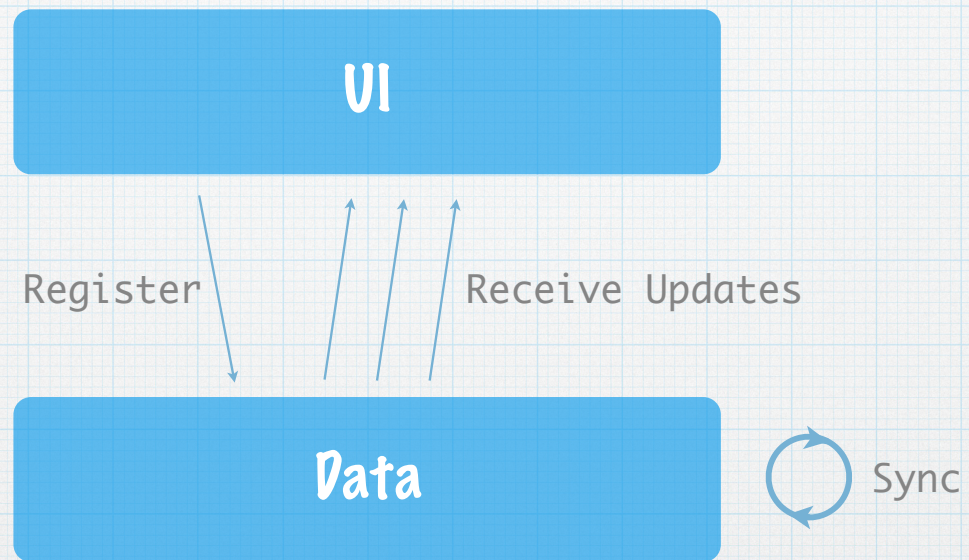
Focus on UX first



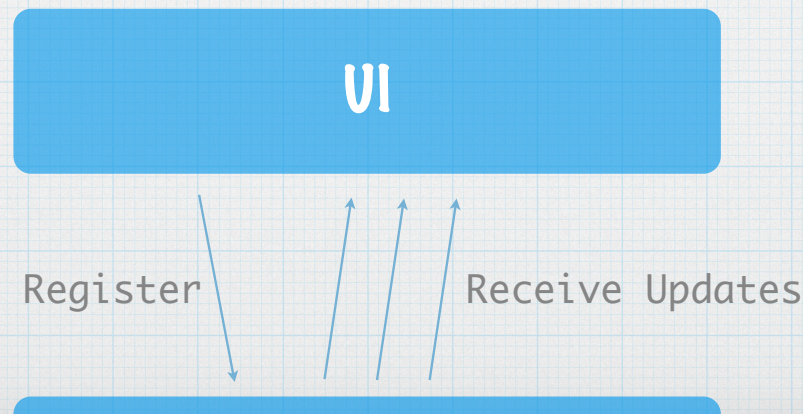
Your Enemy

Building

The one true architecture!



- UIViewController or Activities/Fragments
- Don't block on network
- Register for data and receive updates





- Local data stores
- Sync data on:
 - UI Requests
 - Notification readiness
 - Low priority background jobs

Scrolling



<https://github.com/bumptech/glide>

Code Sharing

WebView containers

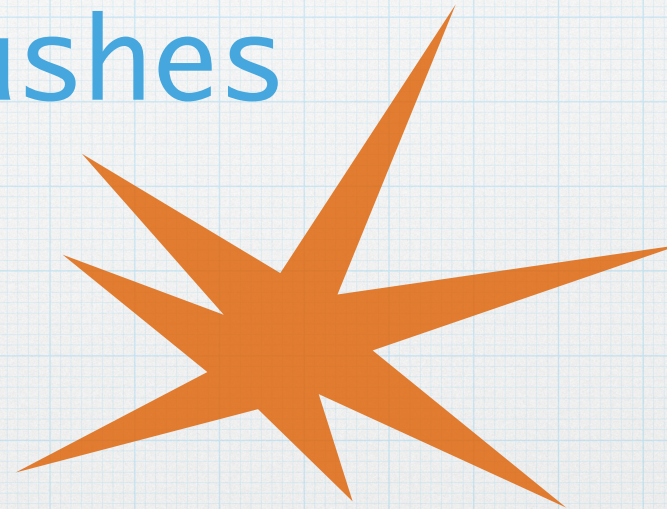
Code compilers

Shared native code

React Native

Iterating

Crashes



Crashes

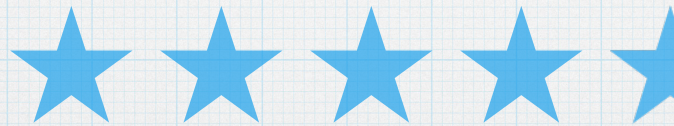
User Session < 2%

$$\frac{\text{Crashes}}{\text{User Session}} < 1\%$$

	User sessions	Crashes	Crash Rate
Samsung S6	2890	45	1,6%
HTC M8	2152	190	8,8%
Samsung S5	1965	29	1,4%
Nexus 5	1786	43	2,4%

All numbers are fictitious

User Ratings



User Feedback

Data

What actions are important to your app?

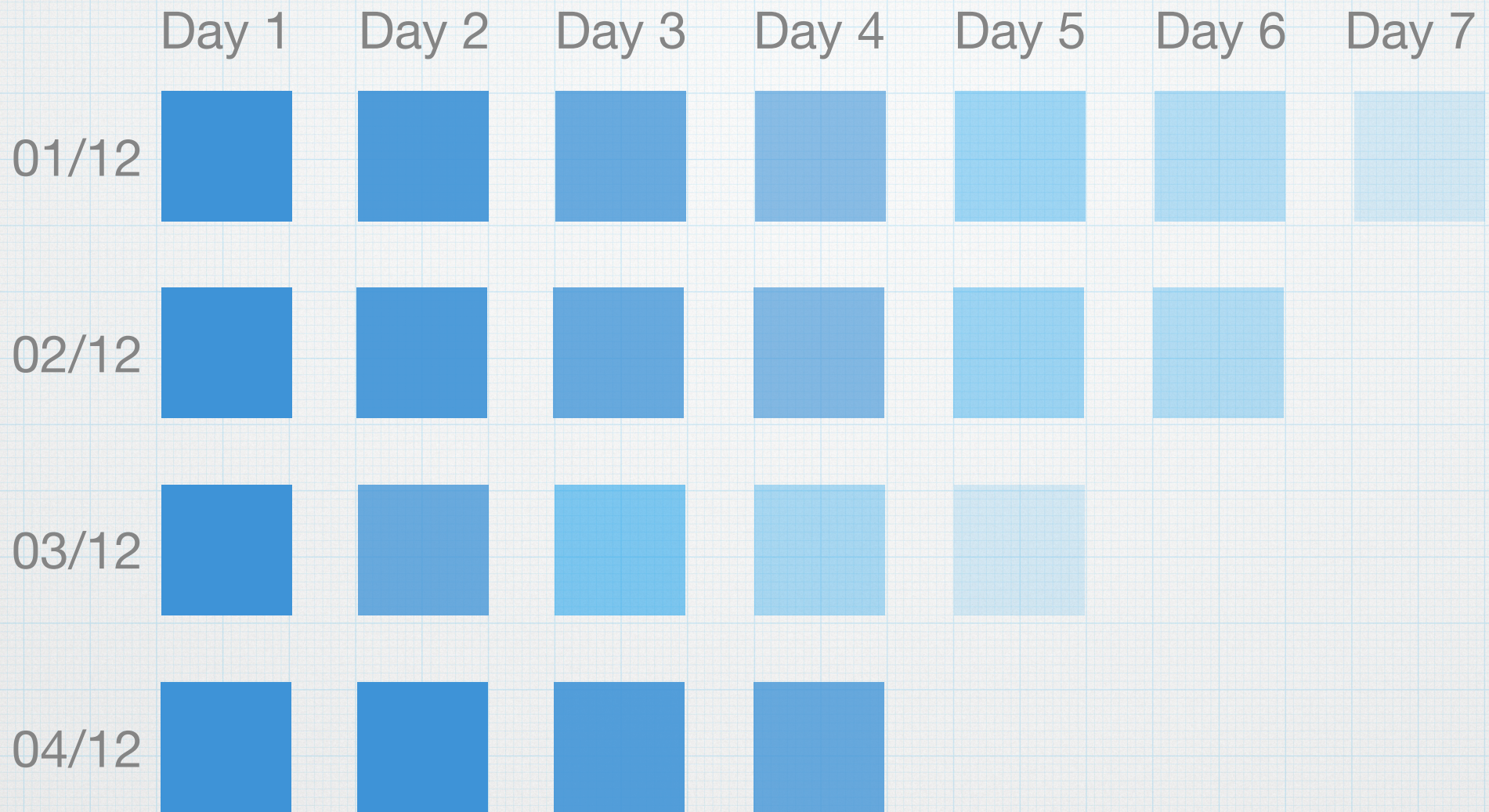
DAU/MAU

Daily Active Users

Monthly Active Users

of users from day 1 on day N

Users on day 1



Make dashboards

Thanks!

@ikhare · <http://abstractedmind.com>

goto;
conference



Please

**Remember to
rate session**

Thank you!



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