FIIONT.



A Week in the Life

Of an App Developer

Hemal Shah
Product Manager, Fabric | @hemal

Brian Swift

Product Manager, Fabric | @bswift

Making an app is hard





Daily app health check

Distribute beta builds

Debug production issues

Gather feedback

Manage beta groups

Review in-app events

Monitor stability alerts

Check for regressions

Monitor real-time app usage

Discover and install SDKs

Track payments and revenue

Review results of latest A/B test









A Week in the Life

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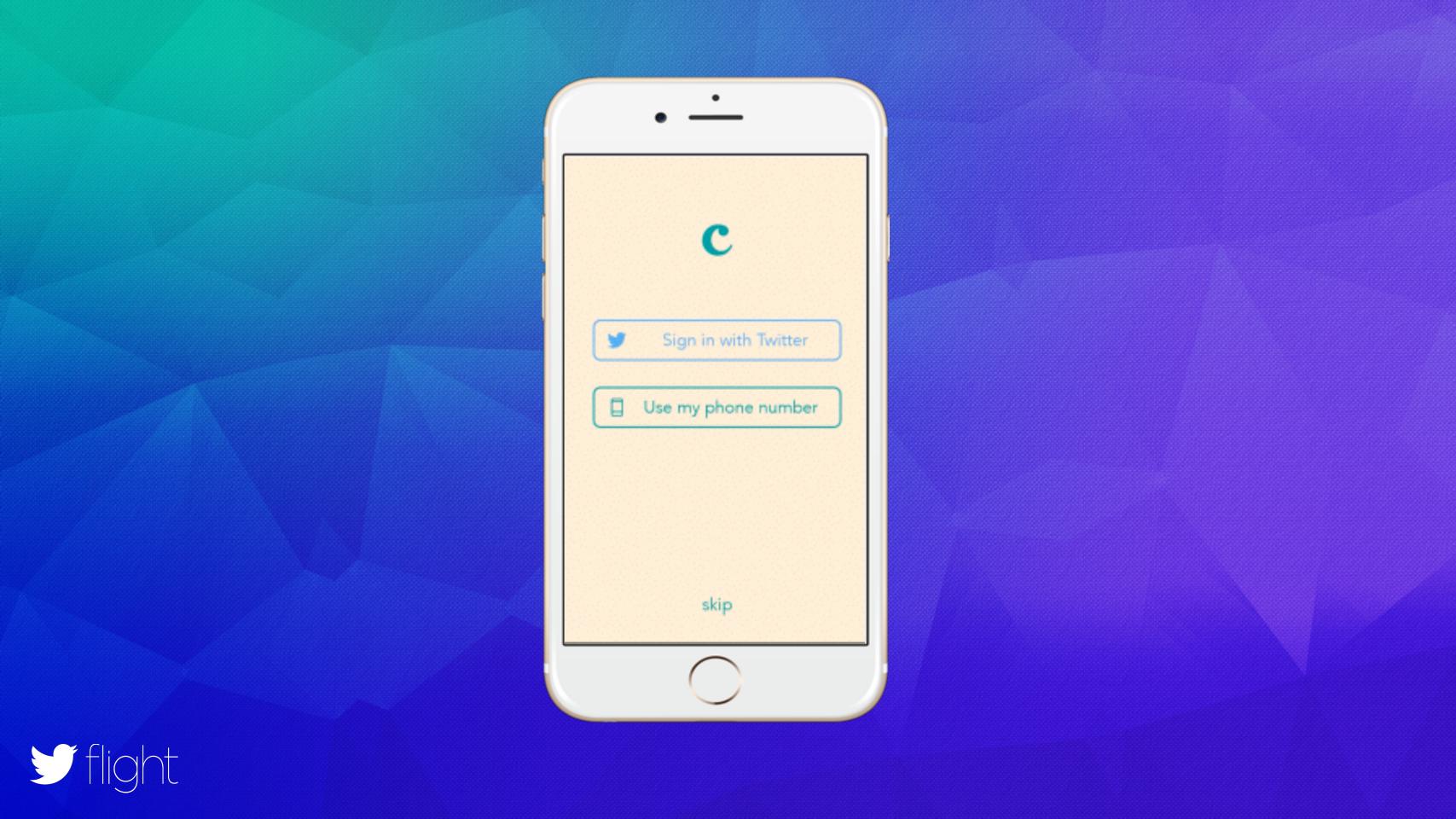
Brian Swift Product Manager, Fabric | @bswift



Hemal Shah

Developer, Cannonball

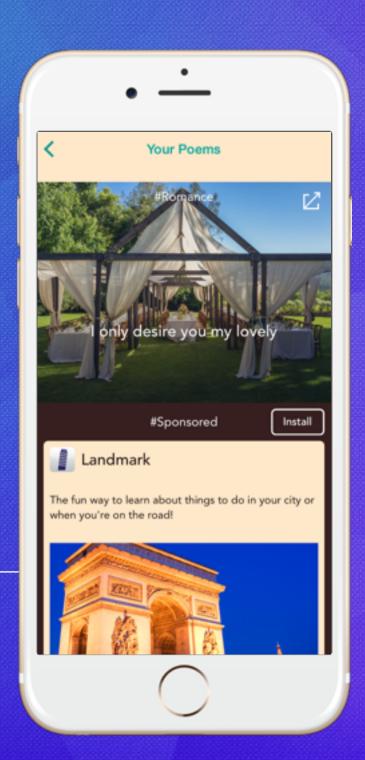
Brian Swift
Product Manager, Cannonball

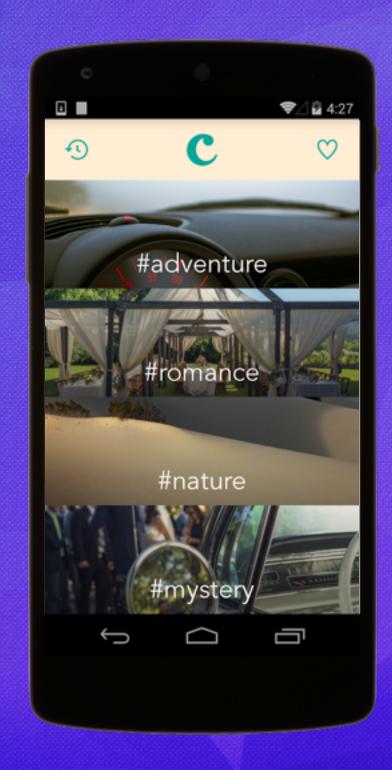




RELEASING A NEW FEATURE

Emoji Poems







What does our week look like?



GET FEEDBACK

PROD APP STATUS
CHECK

FIX ISSUES



Current

GET FEEDBACK

FIX ISSUES

#SHIPIT

Current

PROD APP STATUS
CHECK



FIX ISSUES

#SHIPIT

COLLECT PAYMENTS \$\$\$

Current

PROD APP STATUS
CHECK

GET FEEDBACK



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CHECK

GET FEEDBACK

FIX ISSUES



Monday Feature vs. Fix

Tuesday Feedback

Wednesday Ship it

Thursday Monitor

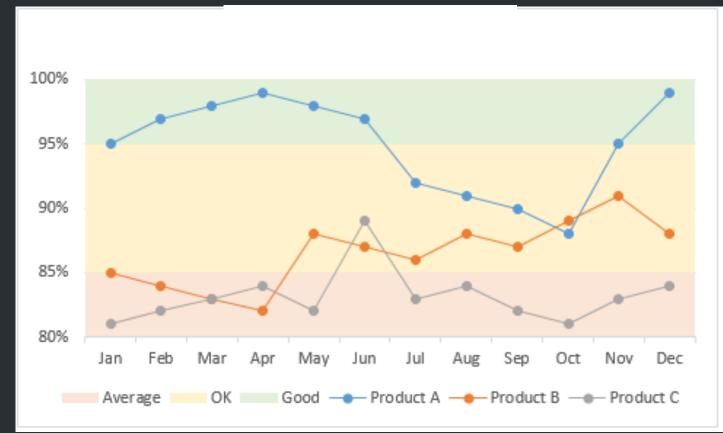
Friday #Beer

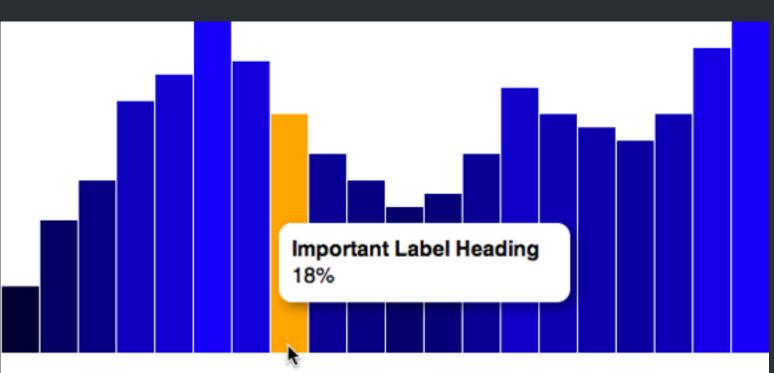


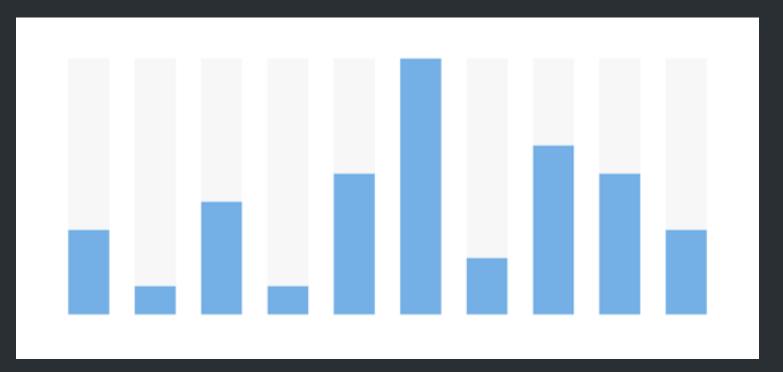
MONDAY

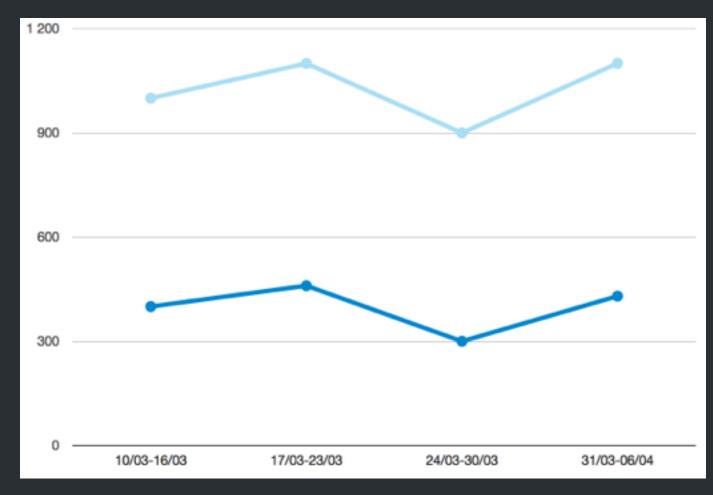
FEATURE VS. FIX











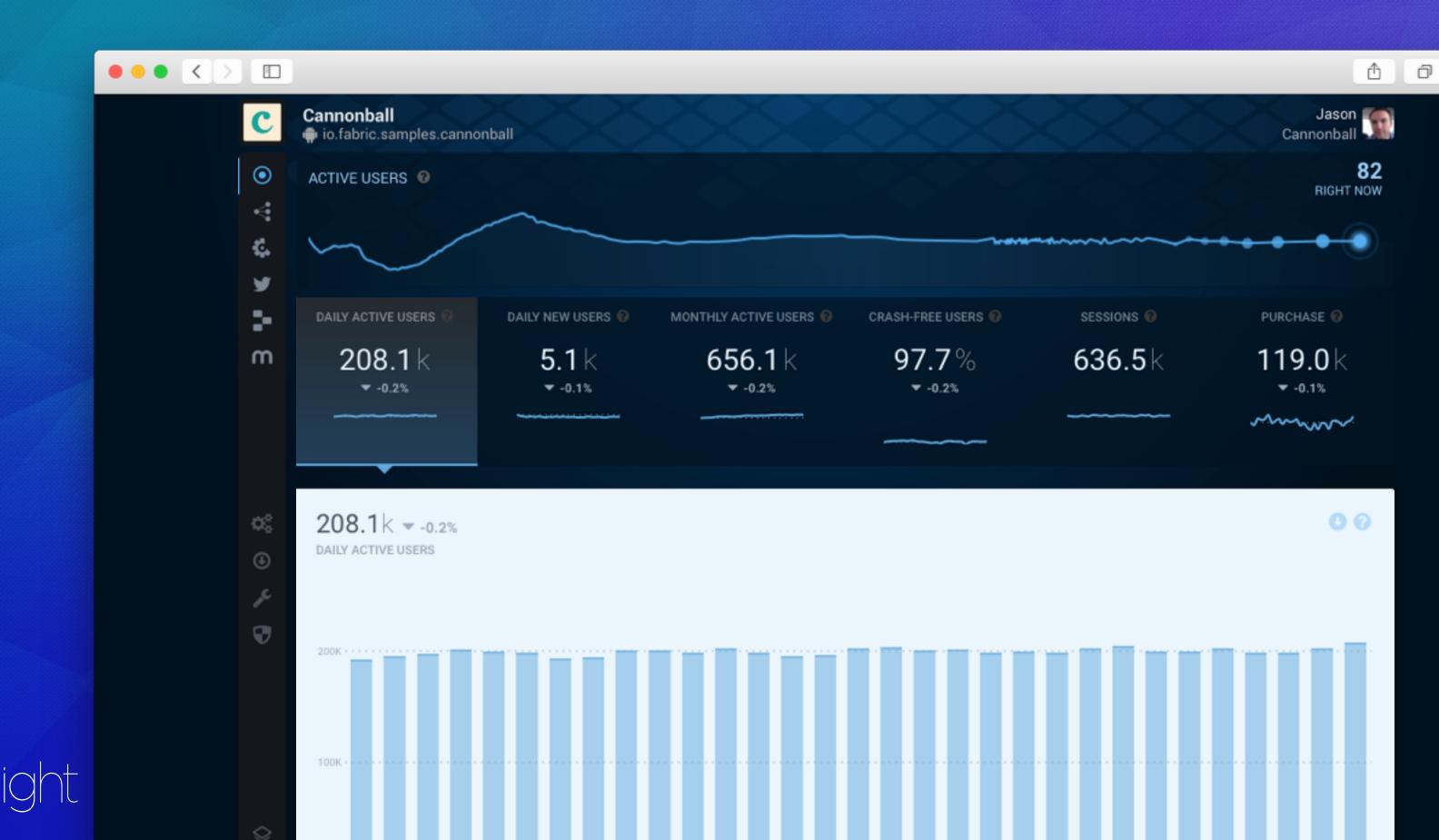


Quick

Clear

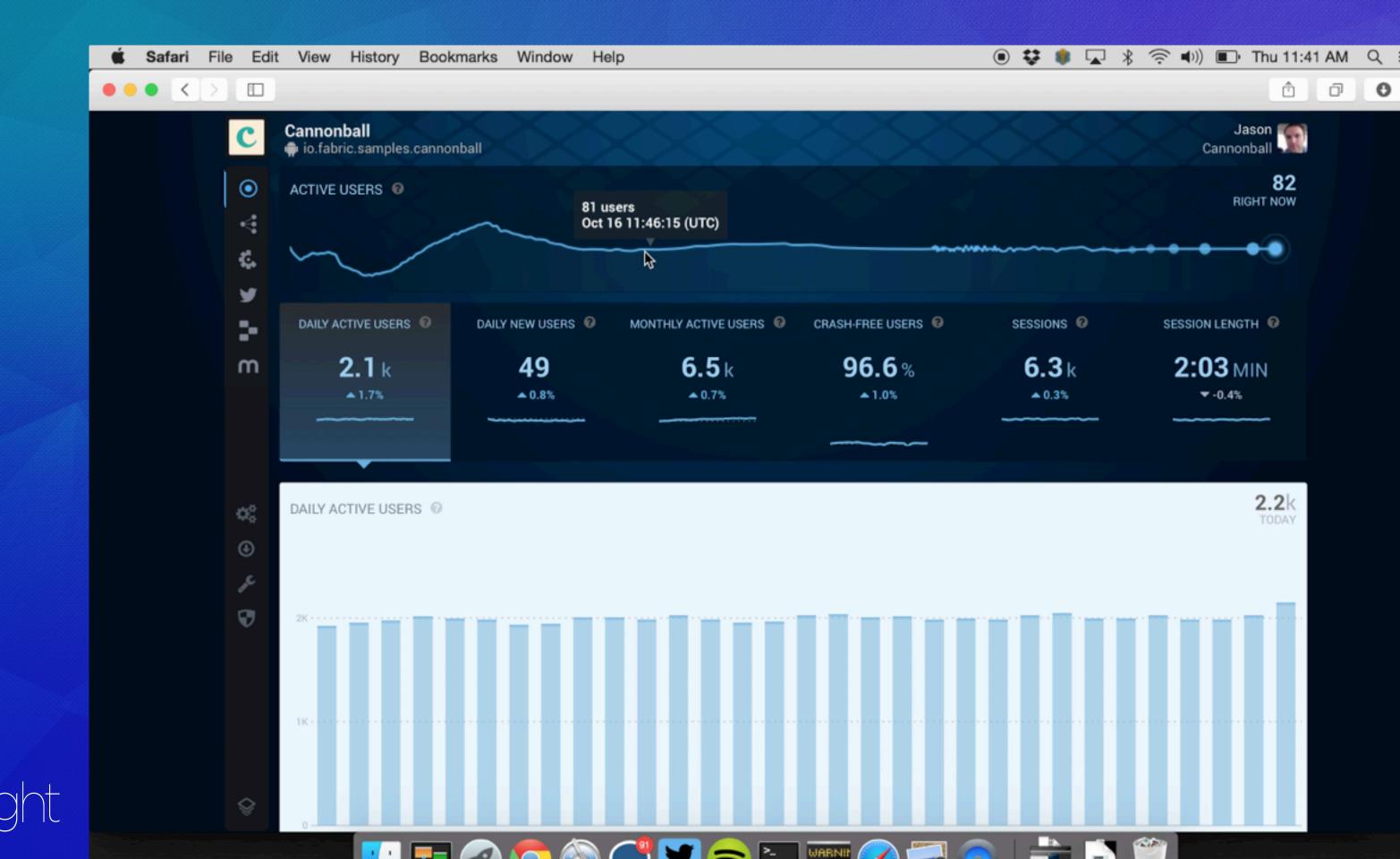
Confident

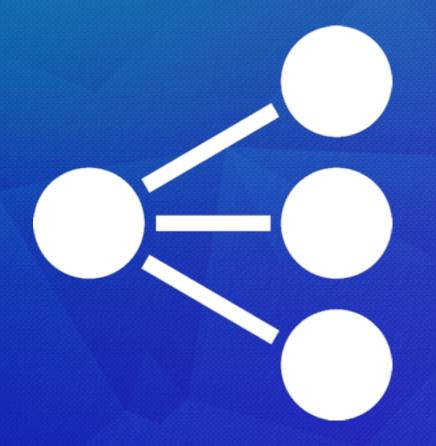




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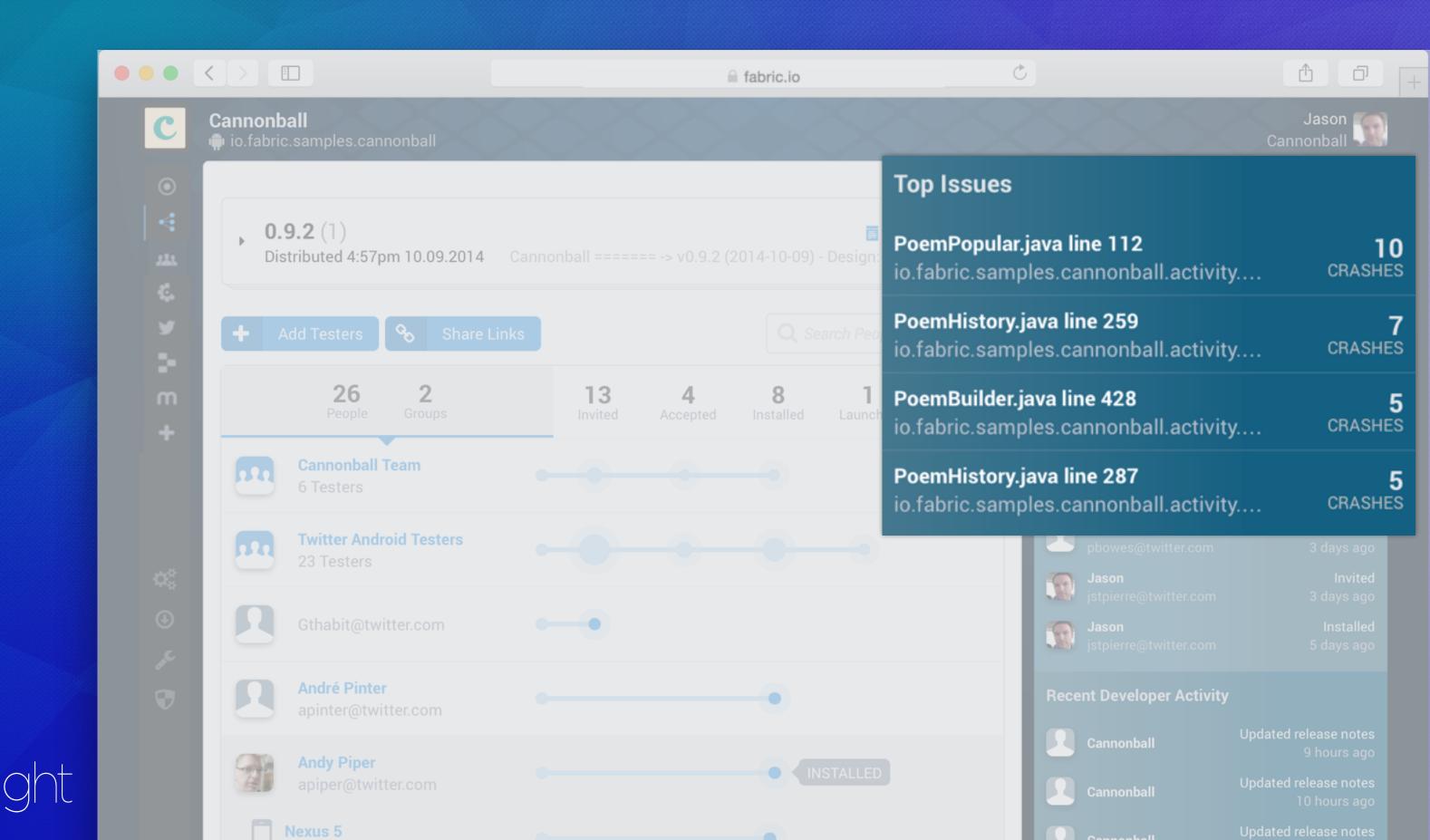






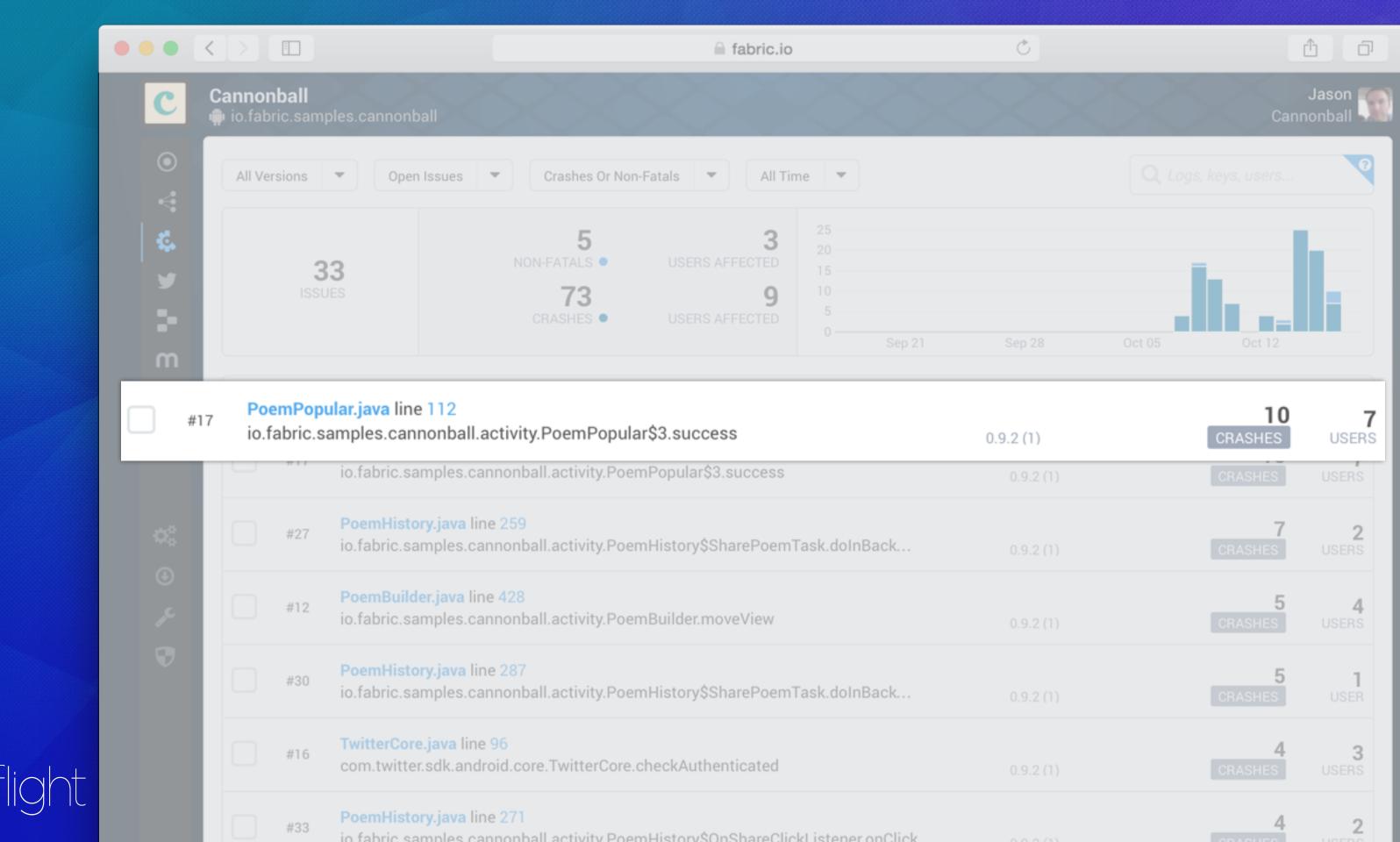
BEELE A by crashlytics

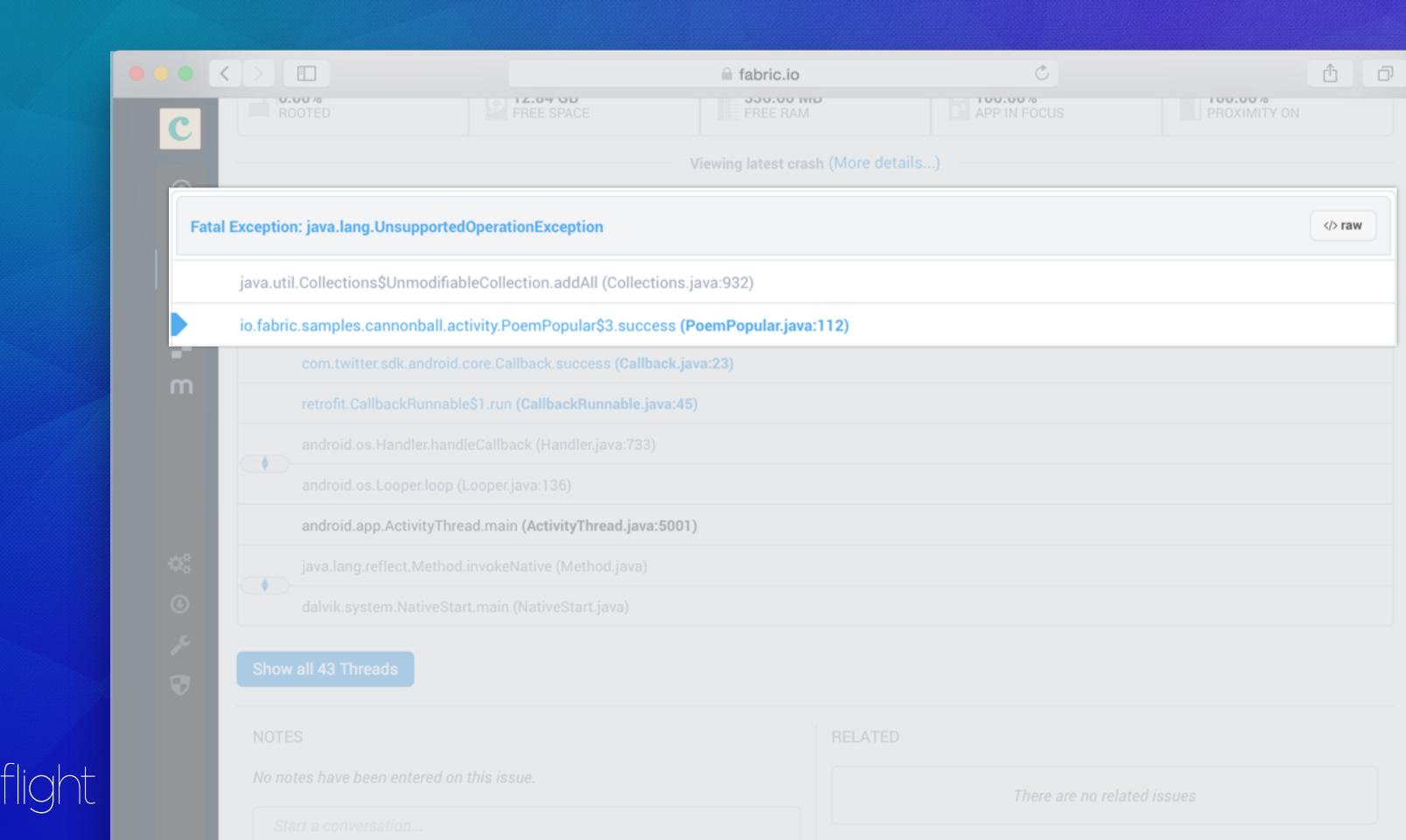


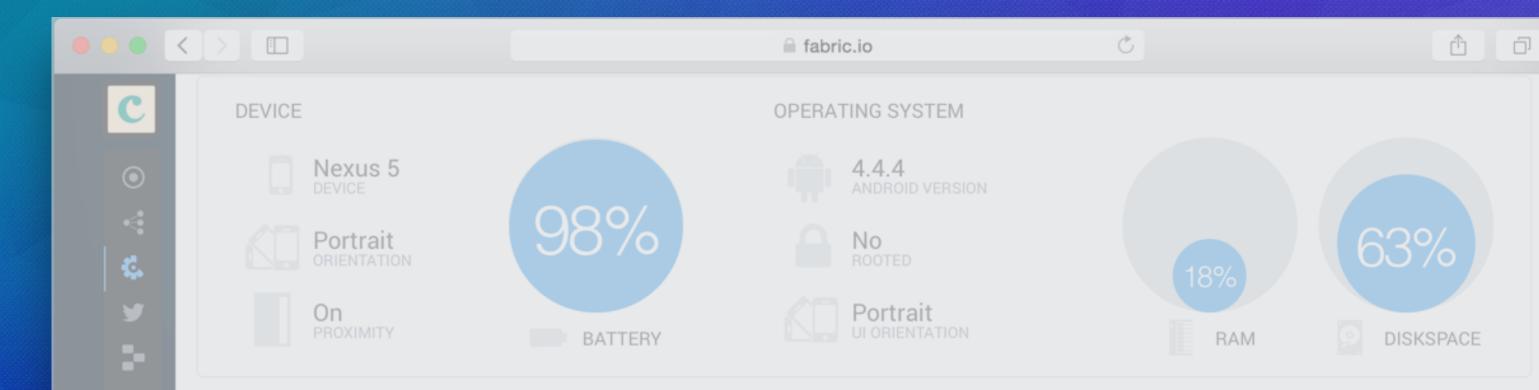


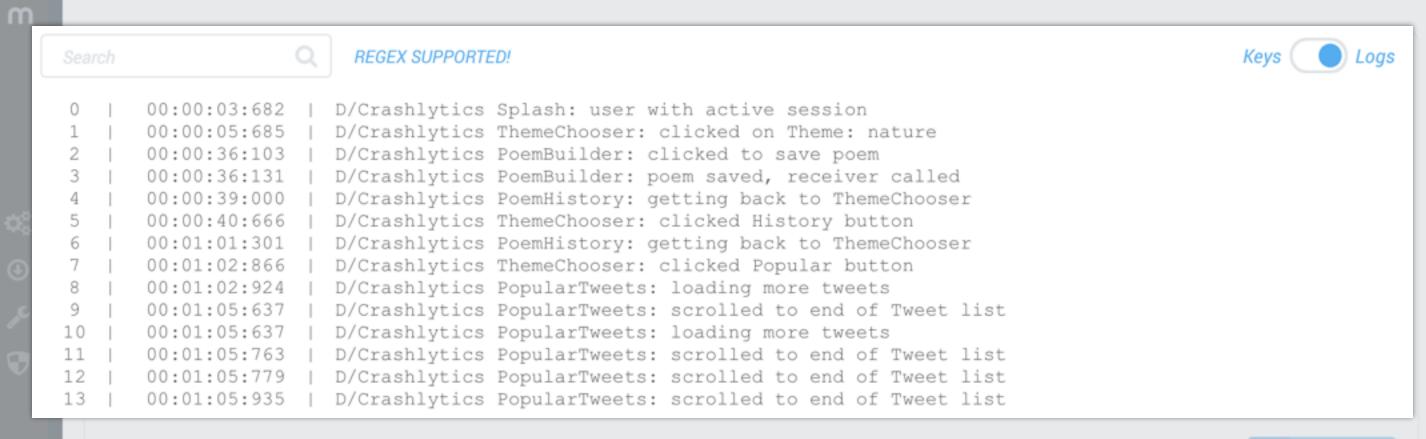
CECT BIGGET AS by crashlytics





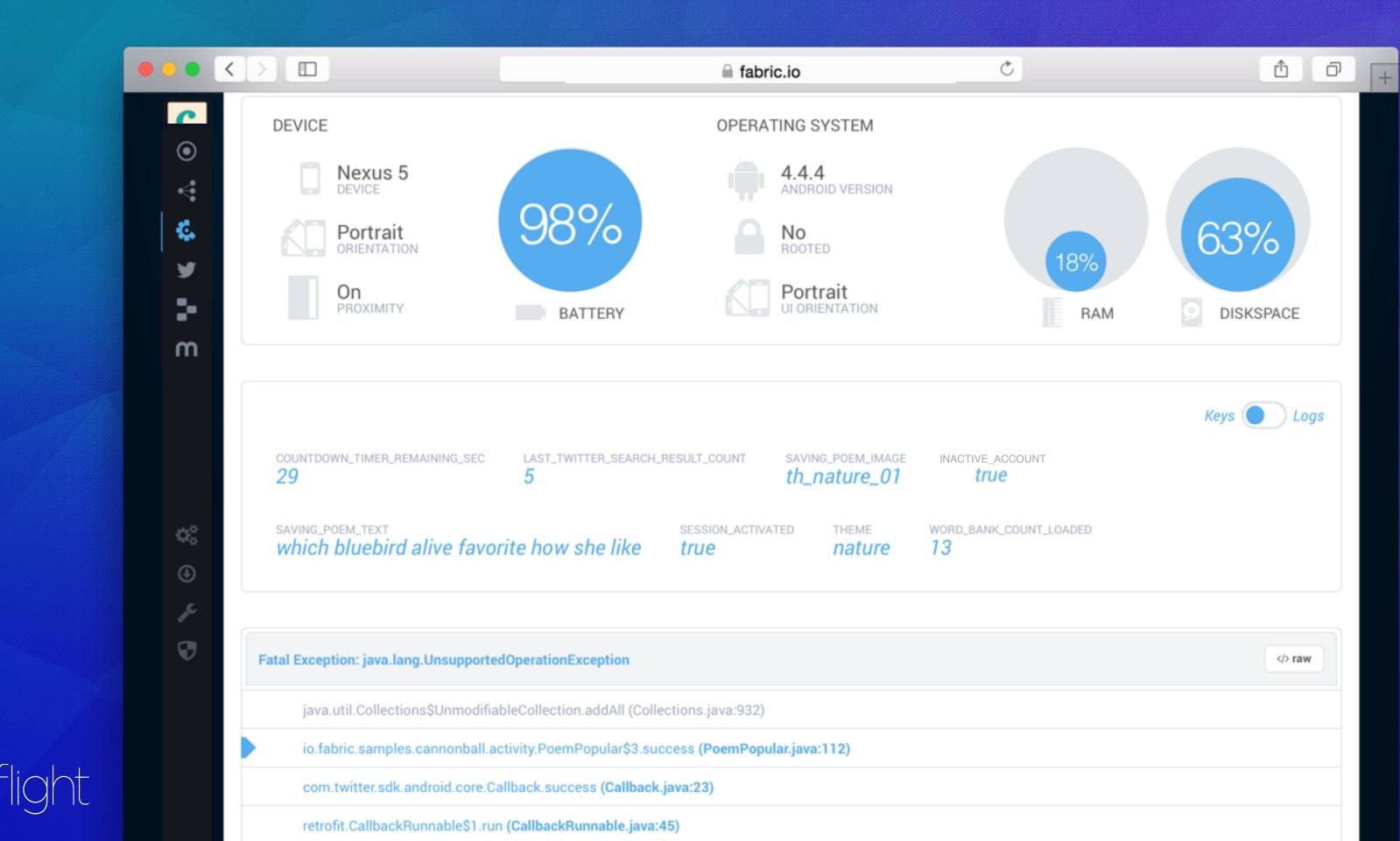


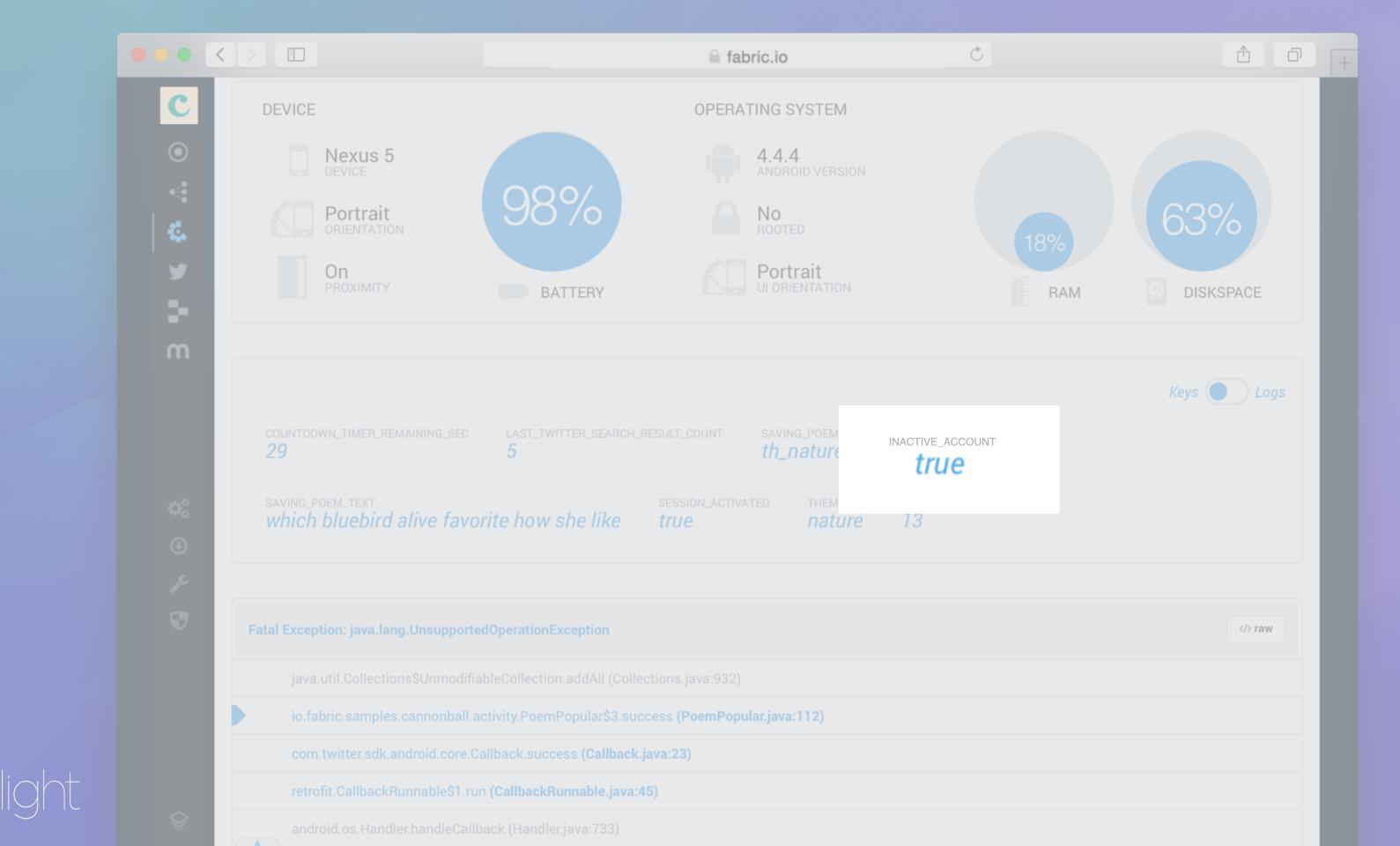






Download





Using Custom Logs

```
TextView
skipButton
skipButton

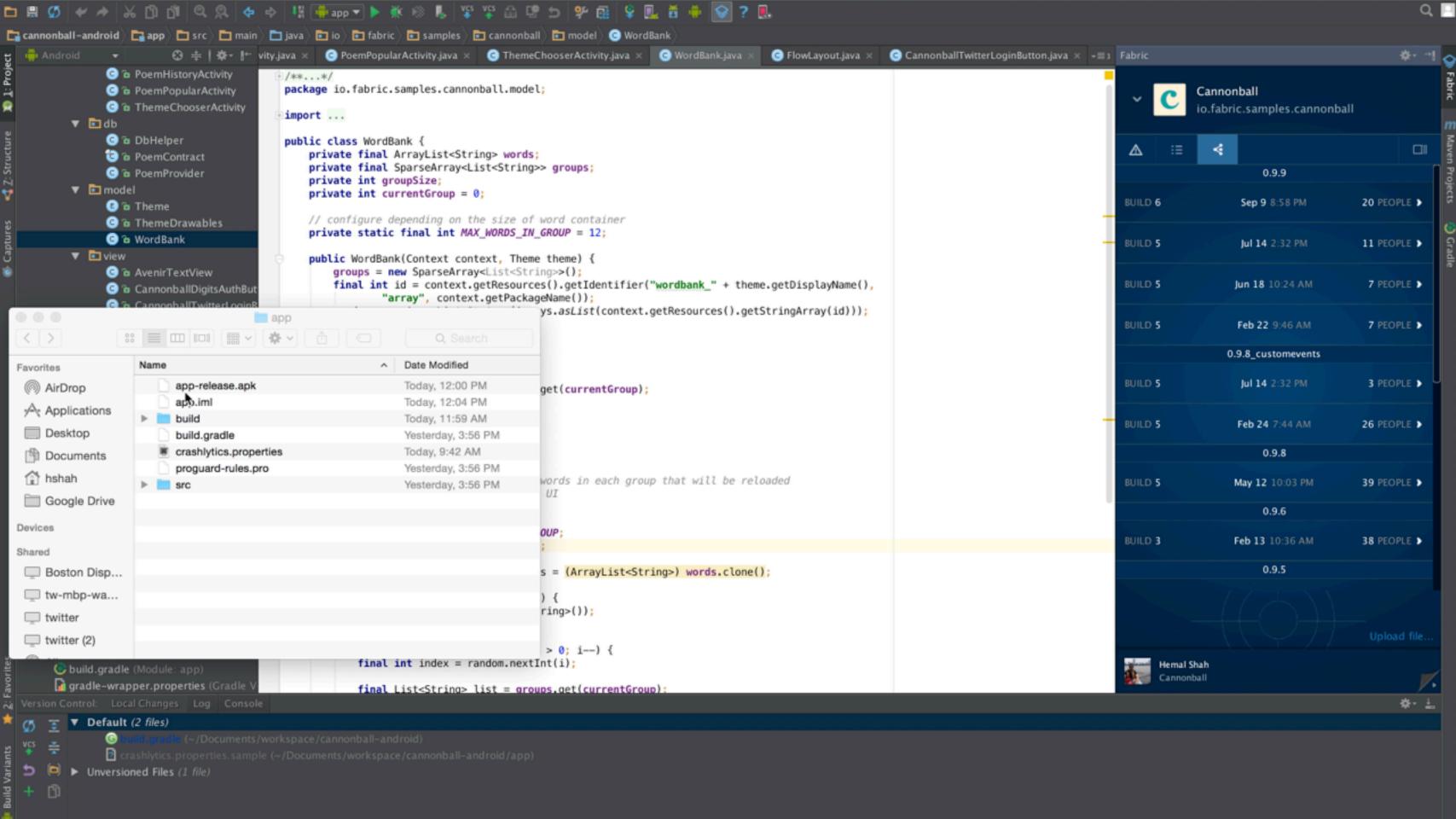
Crashlytics.log("Login: skipped login");
startThemeChooser
overridePendingTransition

}
```



Using Custom Keys





Monday Review

Health check

Manage our beta release

Debug stability issue





Tuesday

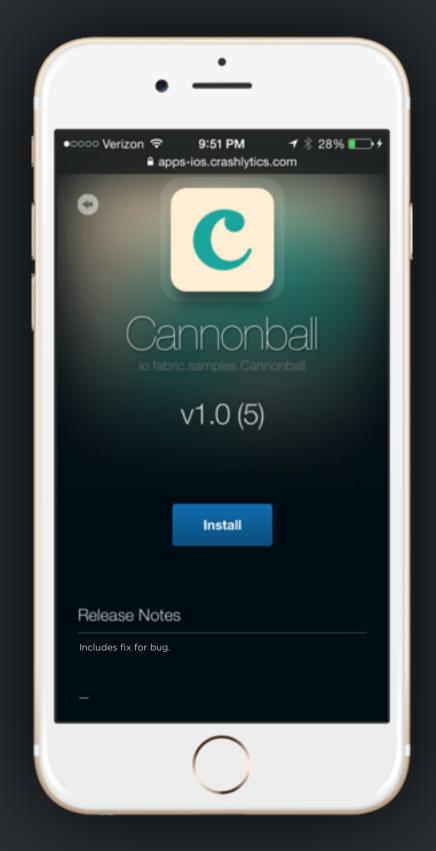
FEEDBACK

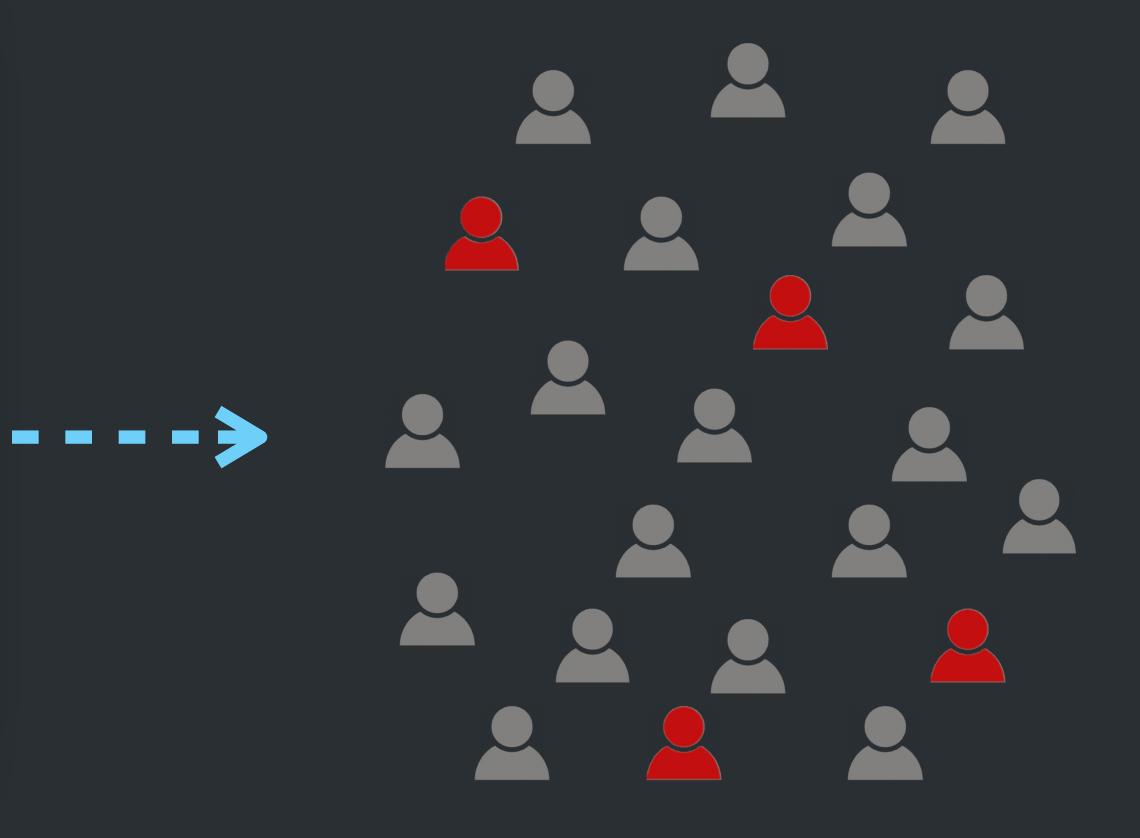




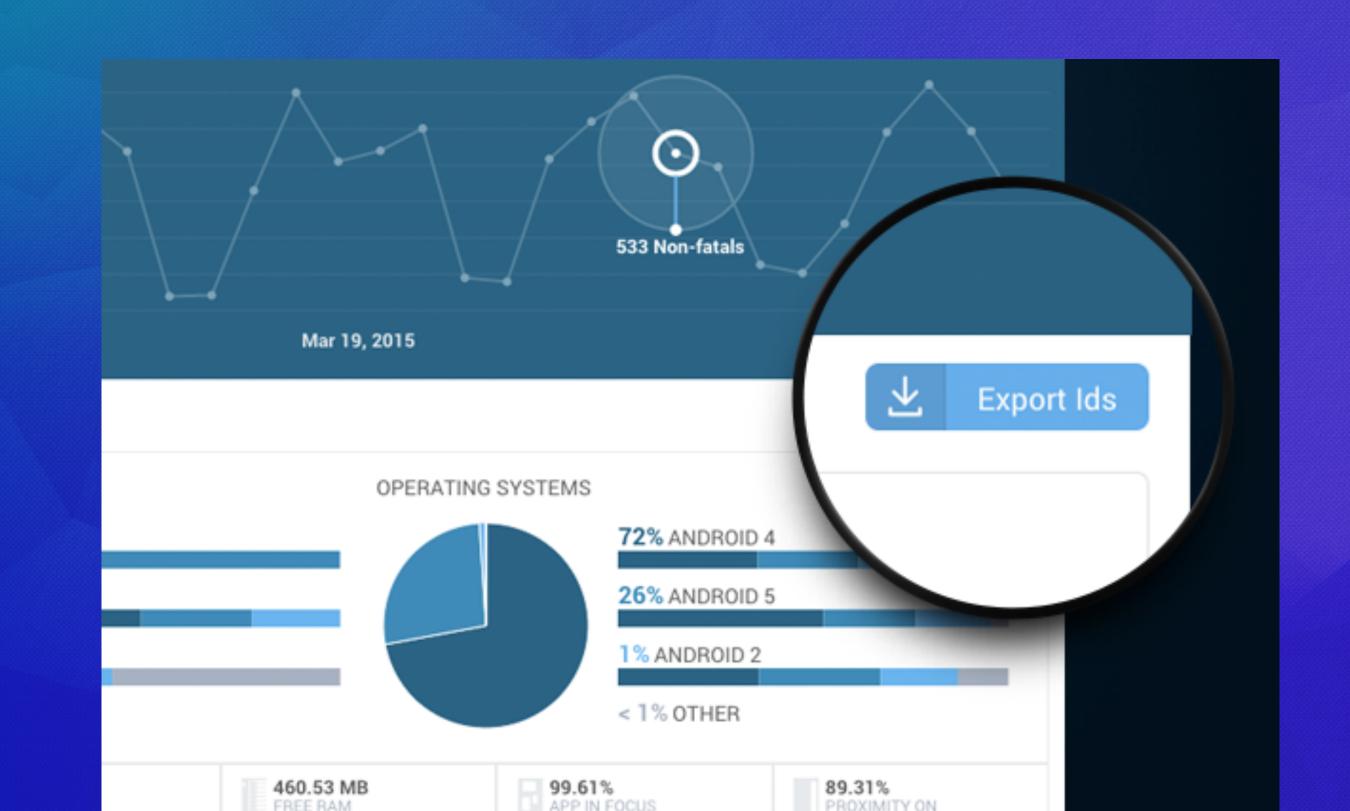




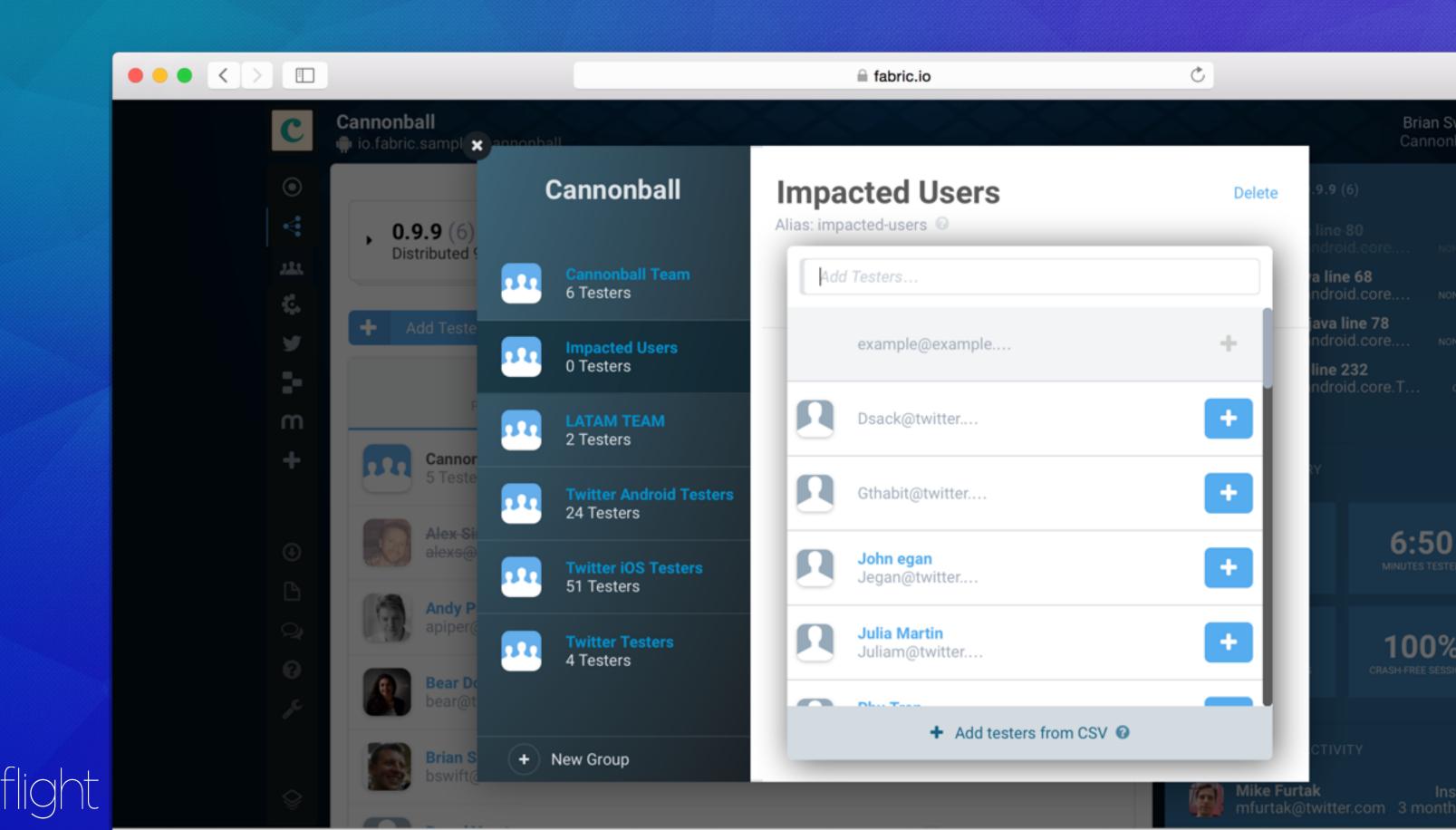












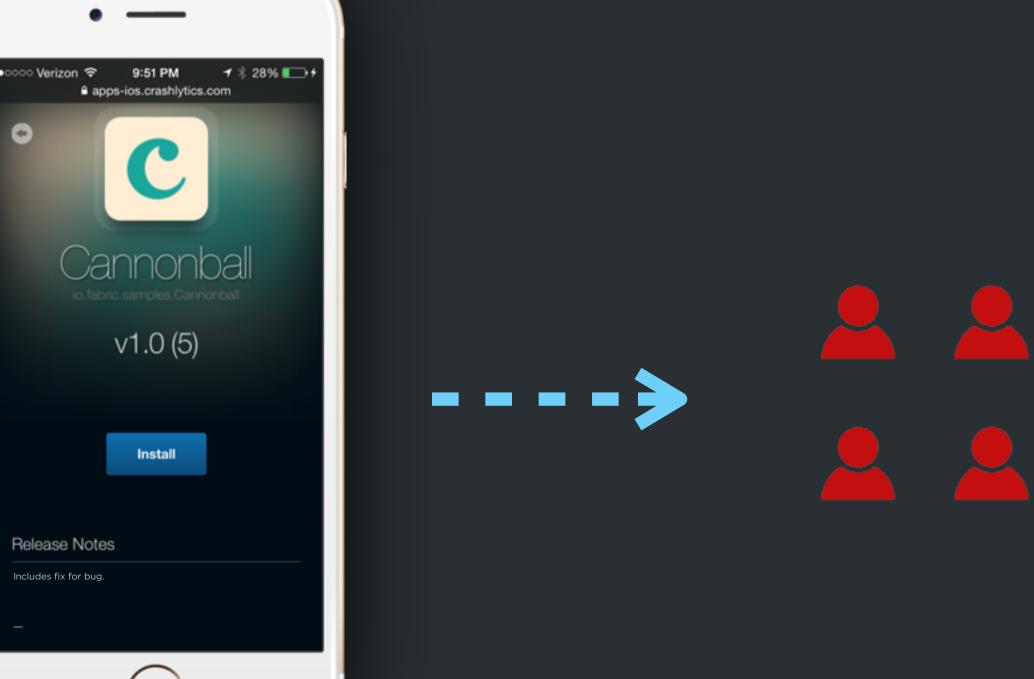




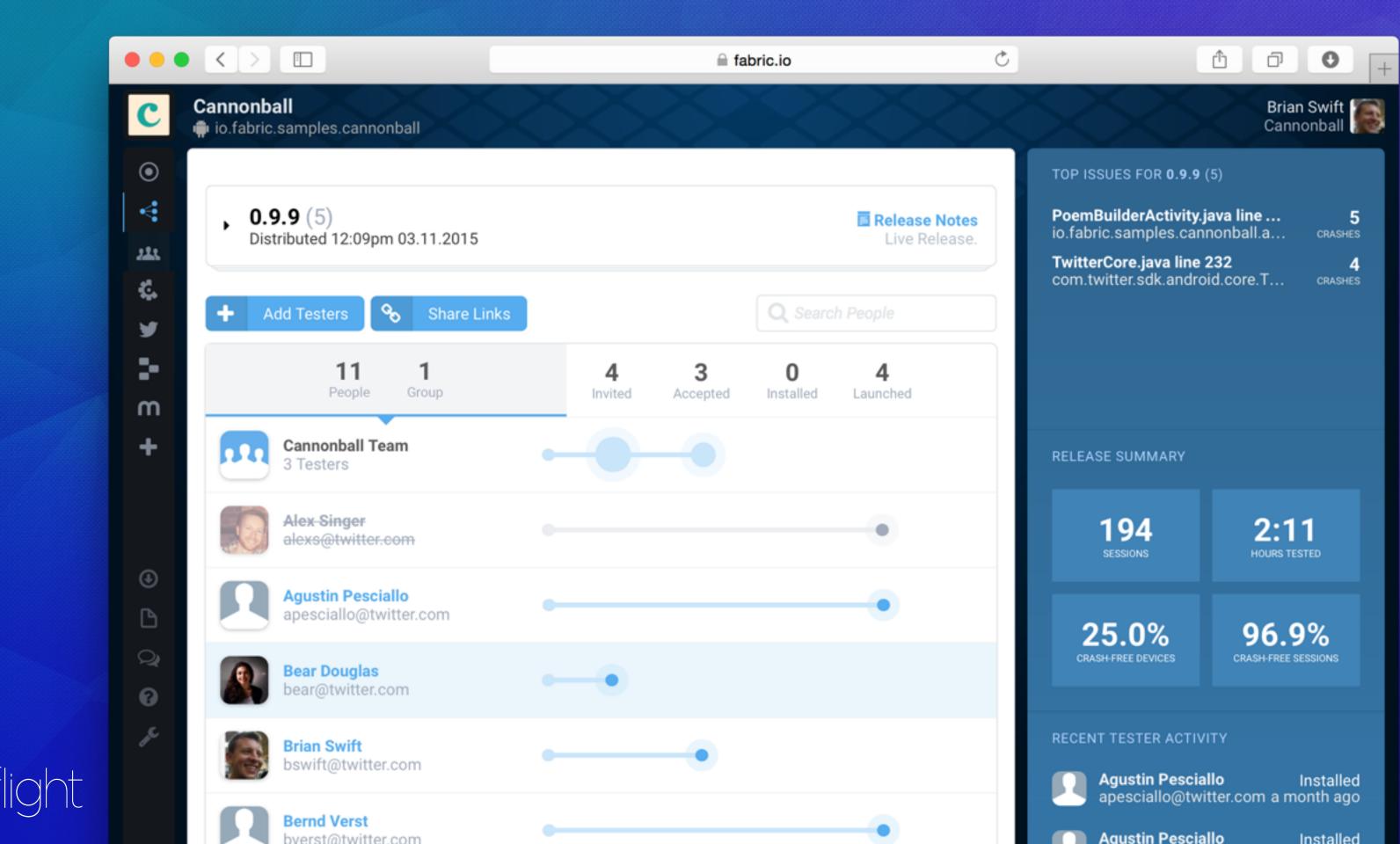




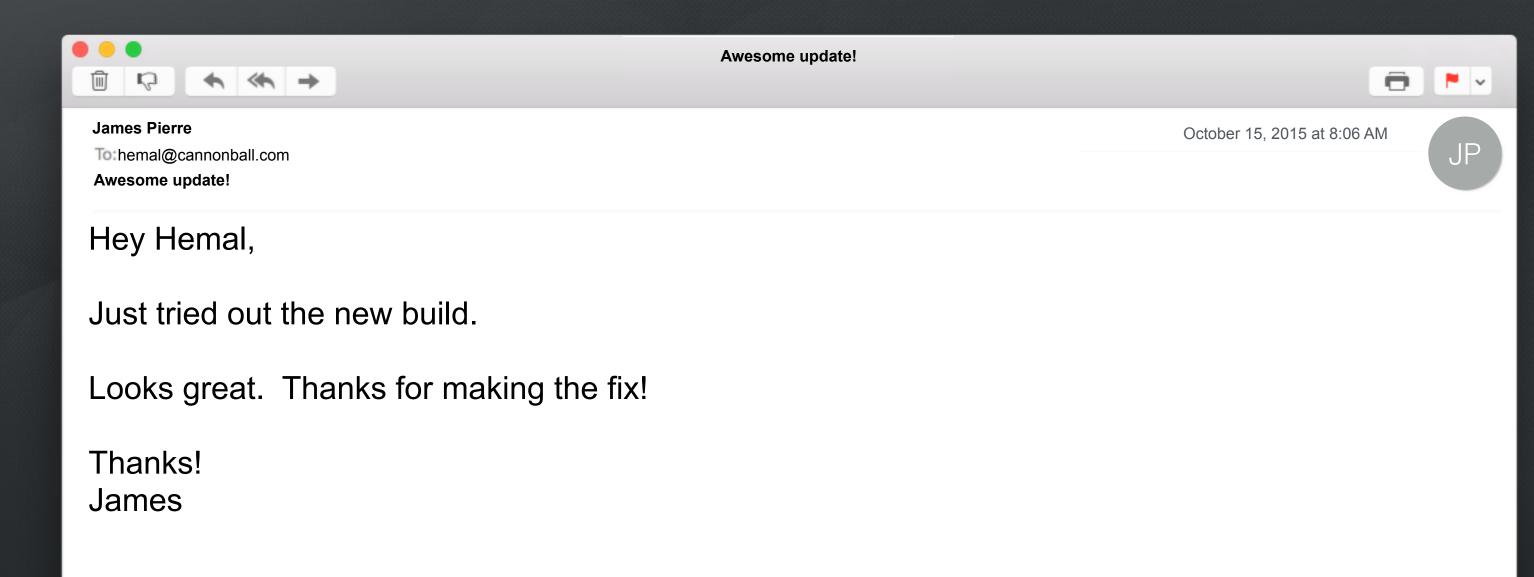




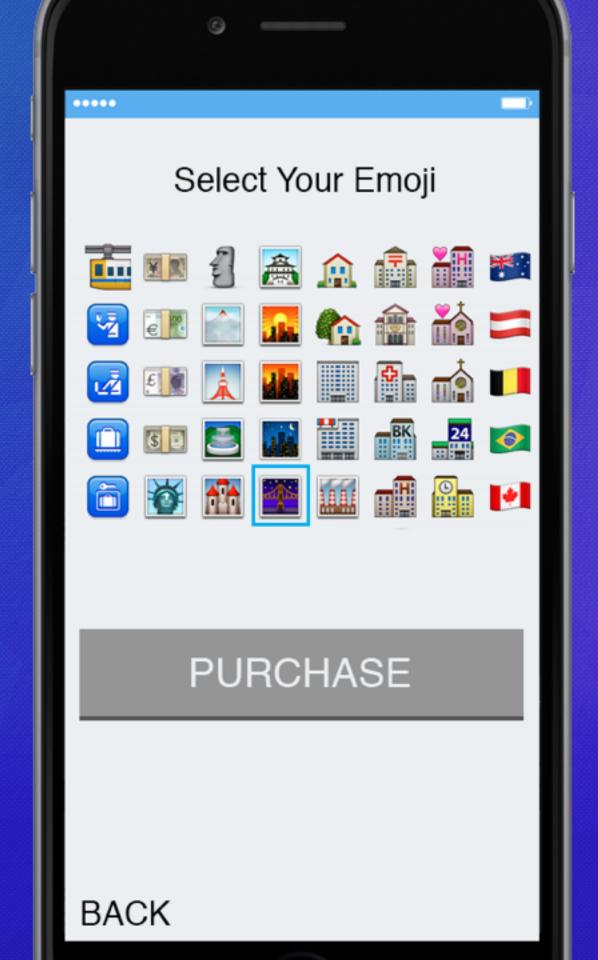




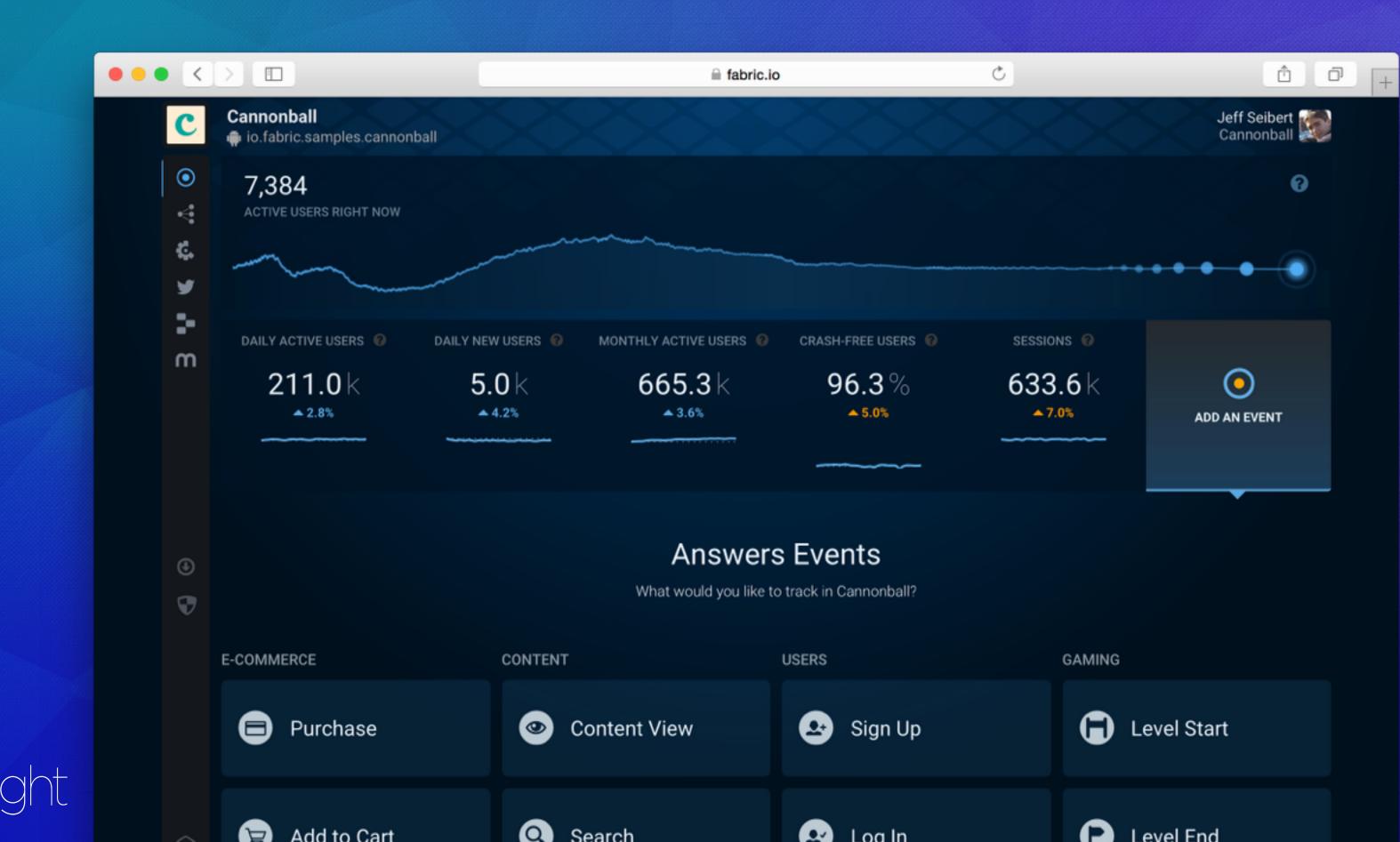
Feedback

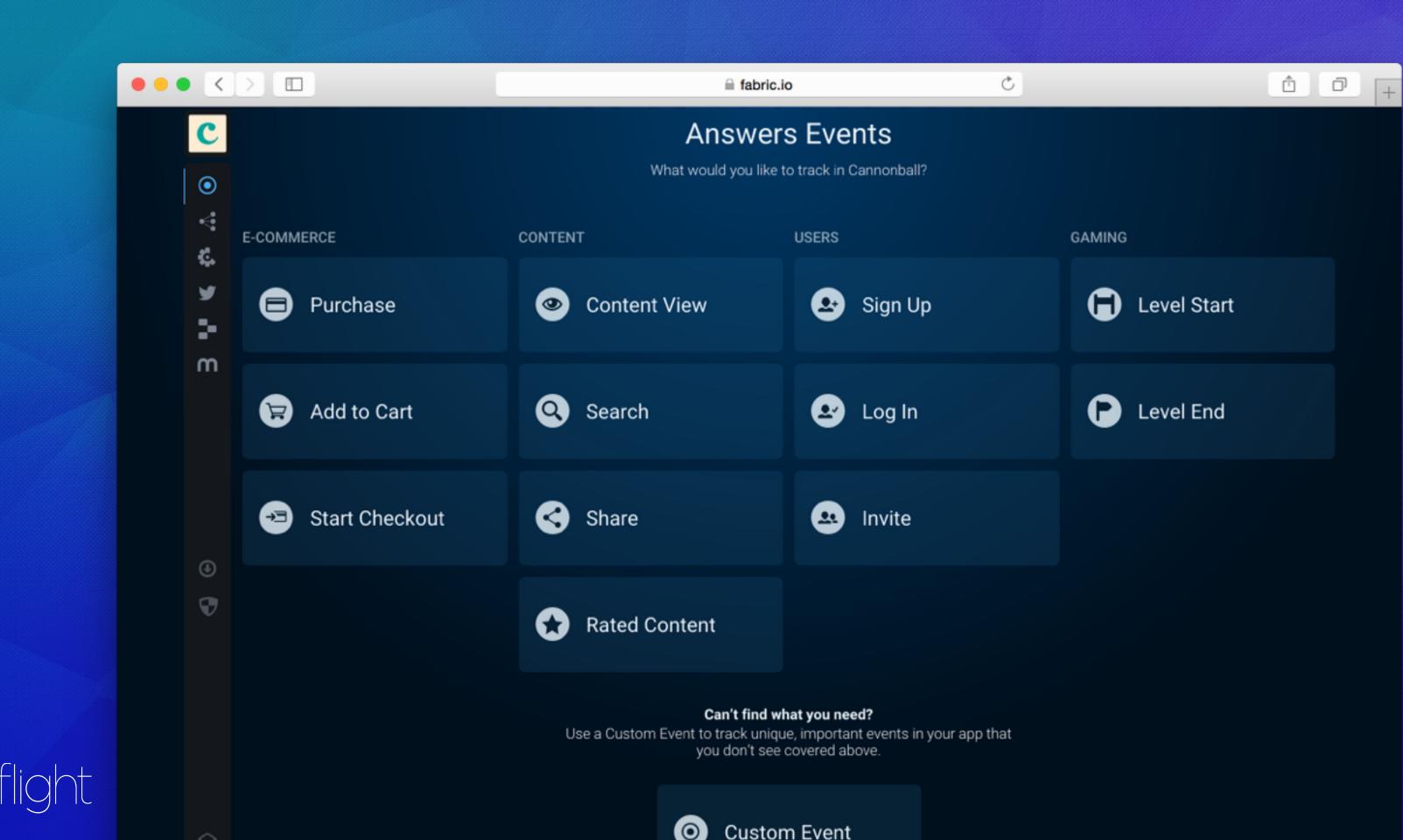












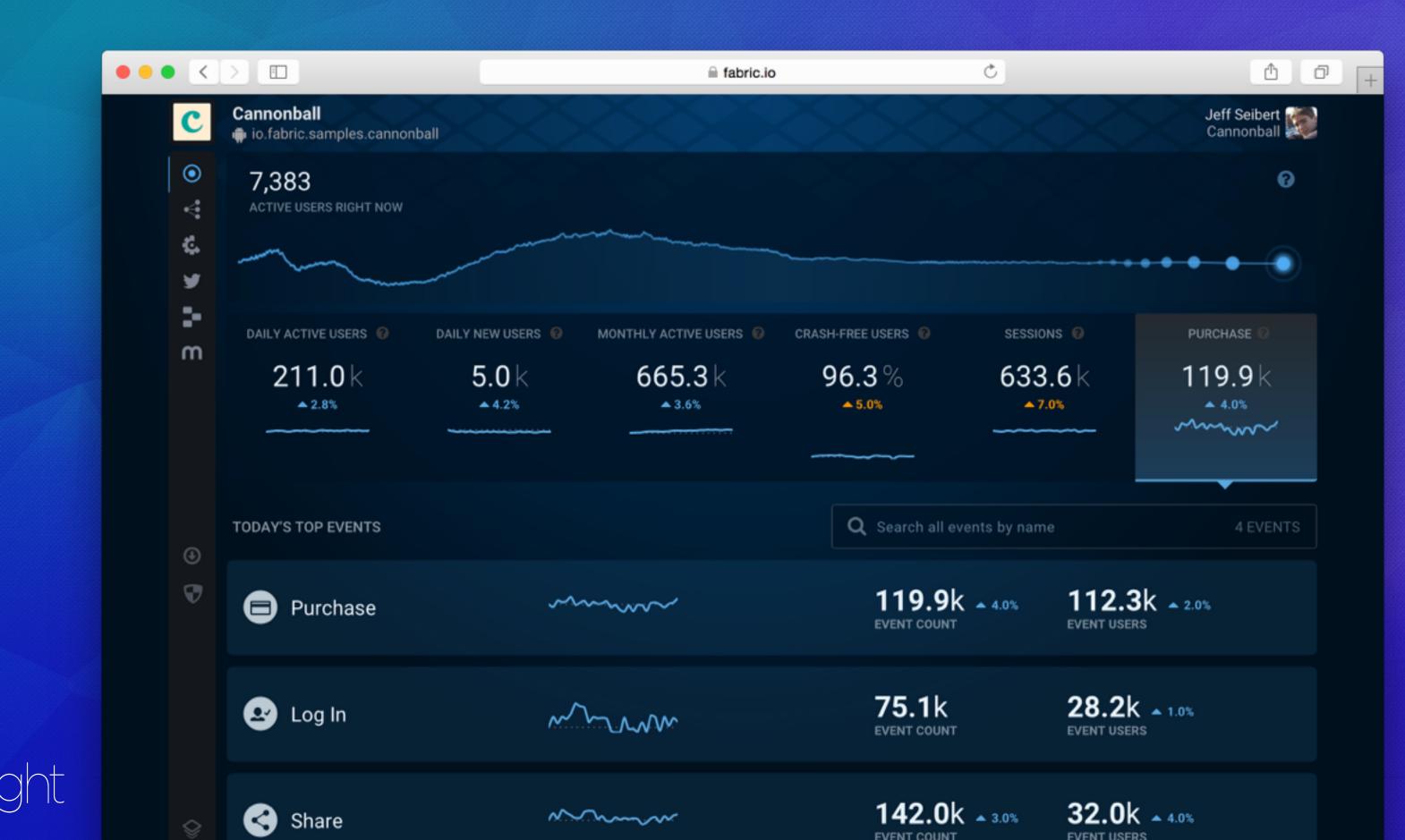
Using Answers Events



Using Answers Events

```
TextView
skipButton
skipButton
    Answers.getInstance().logPurchase(new PurchaseEvent()
      .putItemPrice(BigDecimal.valueOf(2.99))
      .putCurrency(Currency.getInstance("USD"))
      .putItemName("Smiles Emoji Pack")
      .putItemType("Emojis")
      .putItemId("smiles145")
      .putSuccess(true));
startThemeChooser
             overridePendingTransition
```





Tuesday Review

Beta groups & feedback

Event tracking

Team collaboration



...Things Seem To Be Going Well







Wednesday

THE DOOMING TWEET





Israel Camacho

@rallat

@Cannonballapp sucks. Crashed when I made a poem! #LetMeExplainYouAppDev







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Stability Alert

Crash-Free Users has dropped to 52.3%

This is below what we expected based on the value yesterday at this time.

Launch Answers

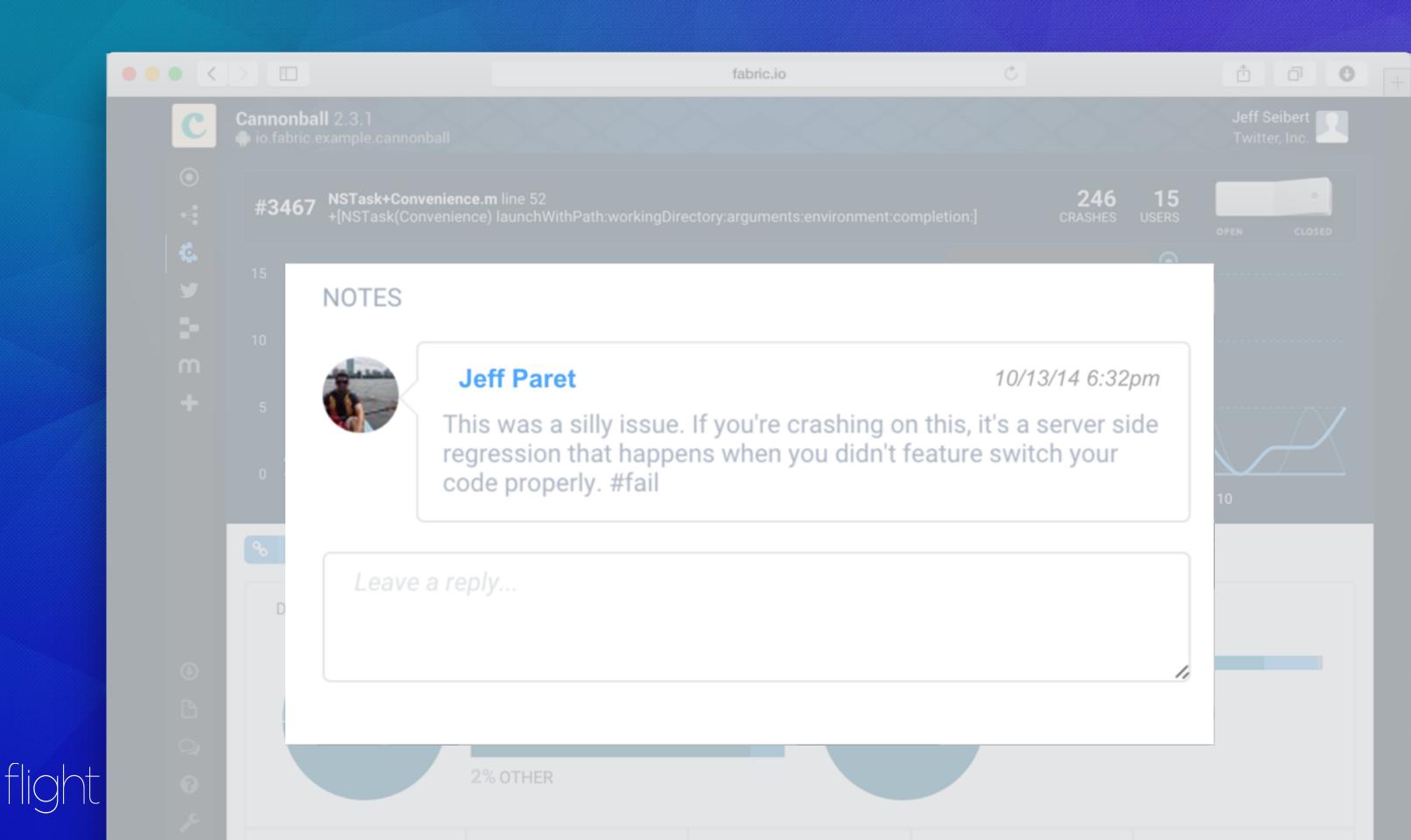


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Manage your email notification preferences







•••∘ Verizon 3G

8:57 AM

47% ■



Jeff Paret

Contacts

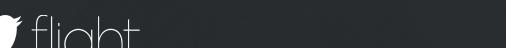
Message Today 8:57 AM

I just saw a bad tweet go out about the app. Can you figure out what's going on and fix it NOW?!

> Yup, on it. Opening my laptop now.

Issue fixed, was a minor backend issue. Added some extra logging so it won't happen again.

You rock! Thanks:)





Wednesday Review

Critical alerting

Cross version issues

Real-time stability metrics

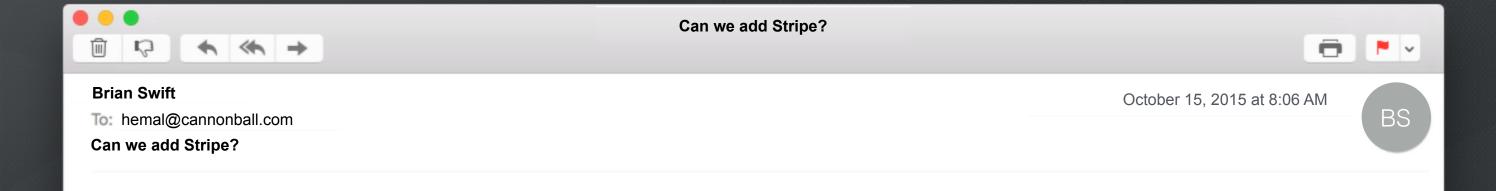




Thursday

ADDING A NEW SDK



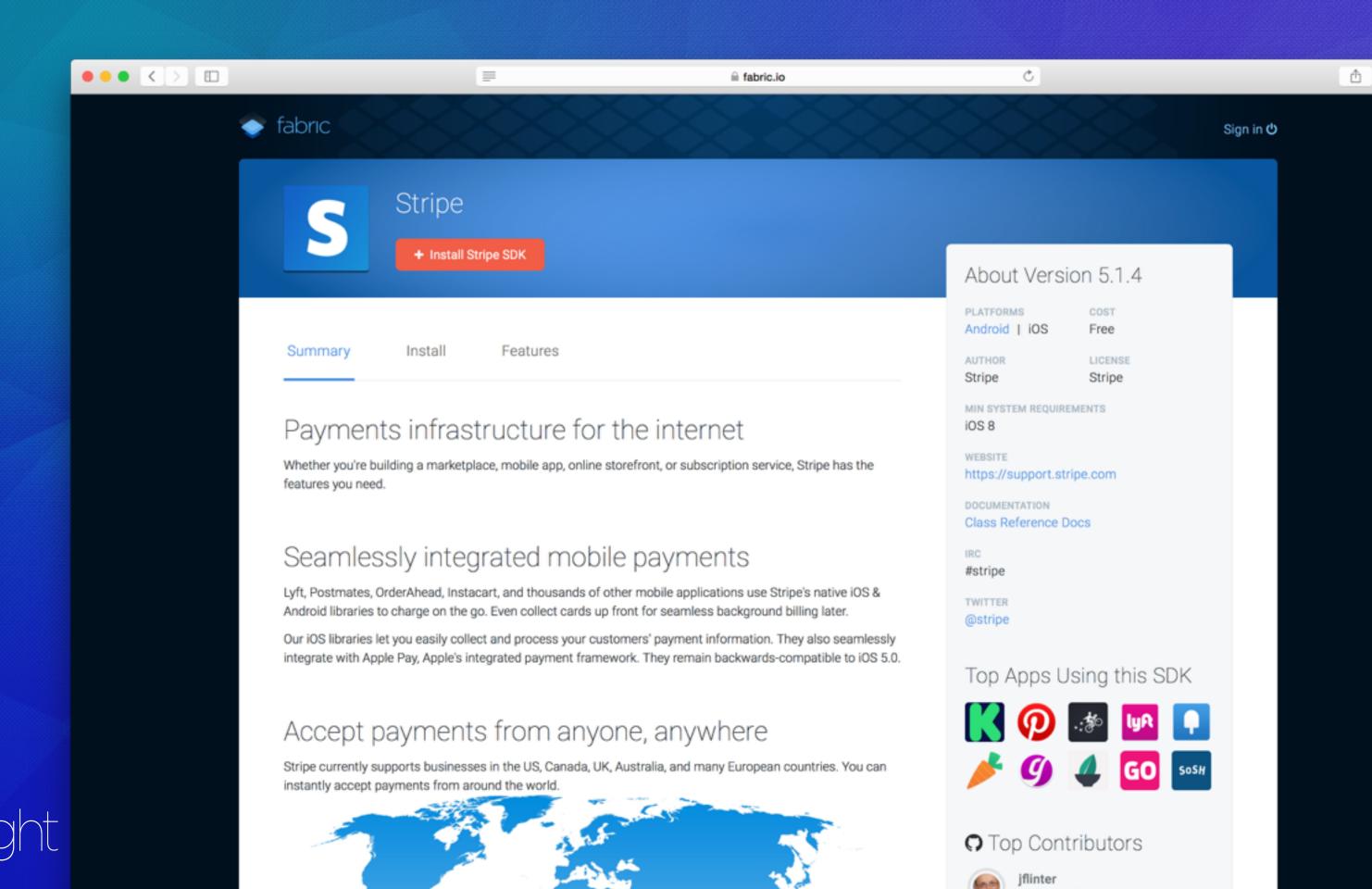


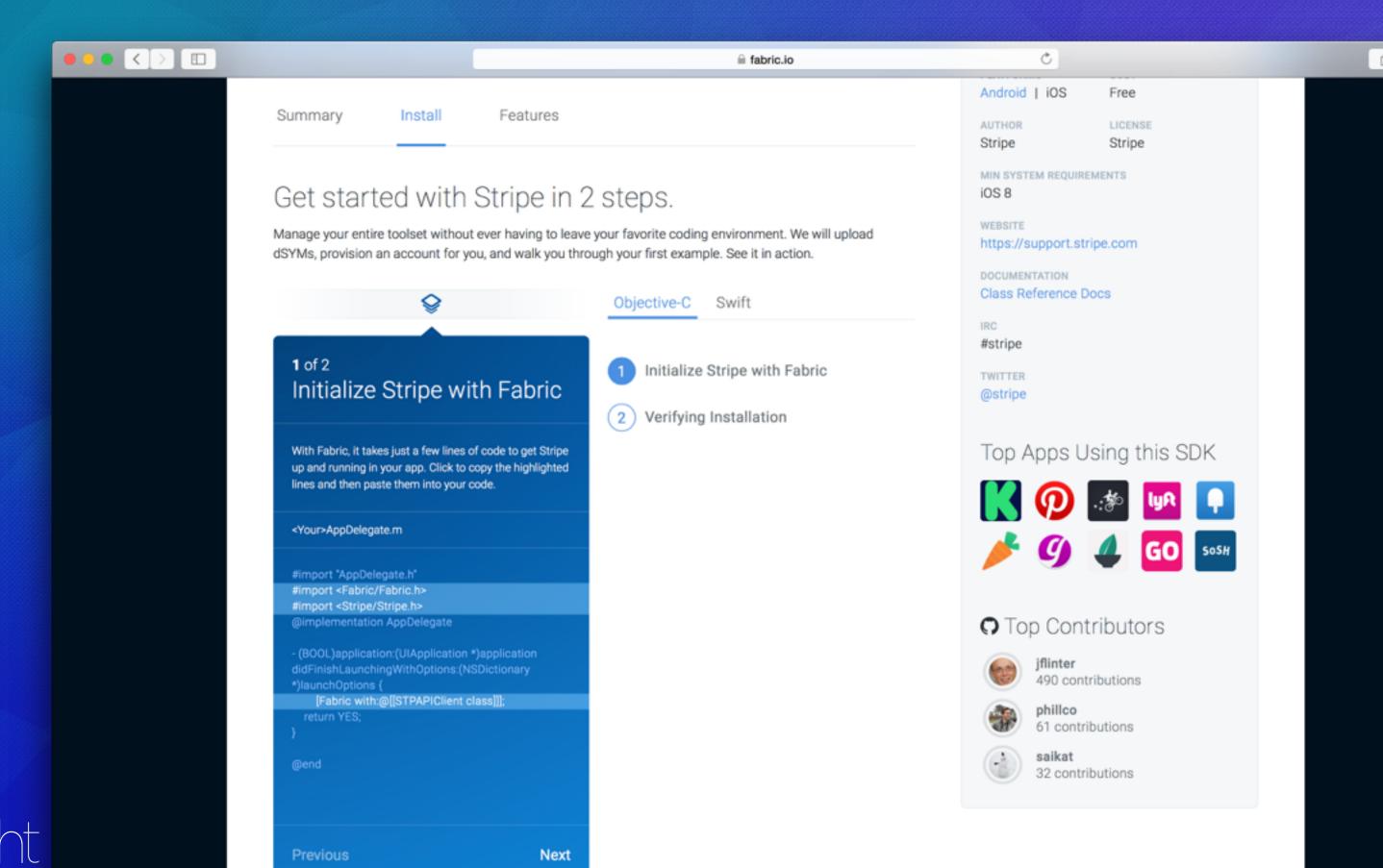
Hey Hemal,

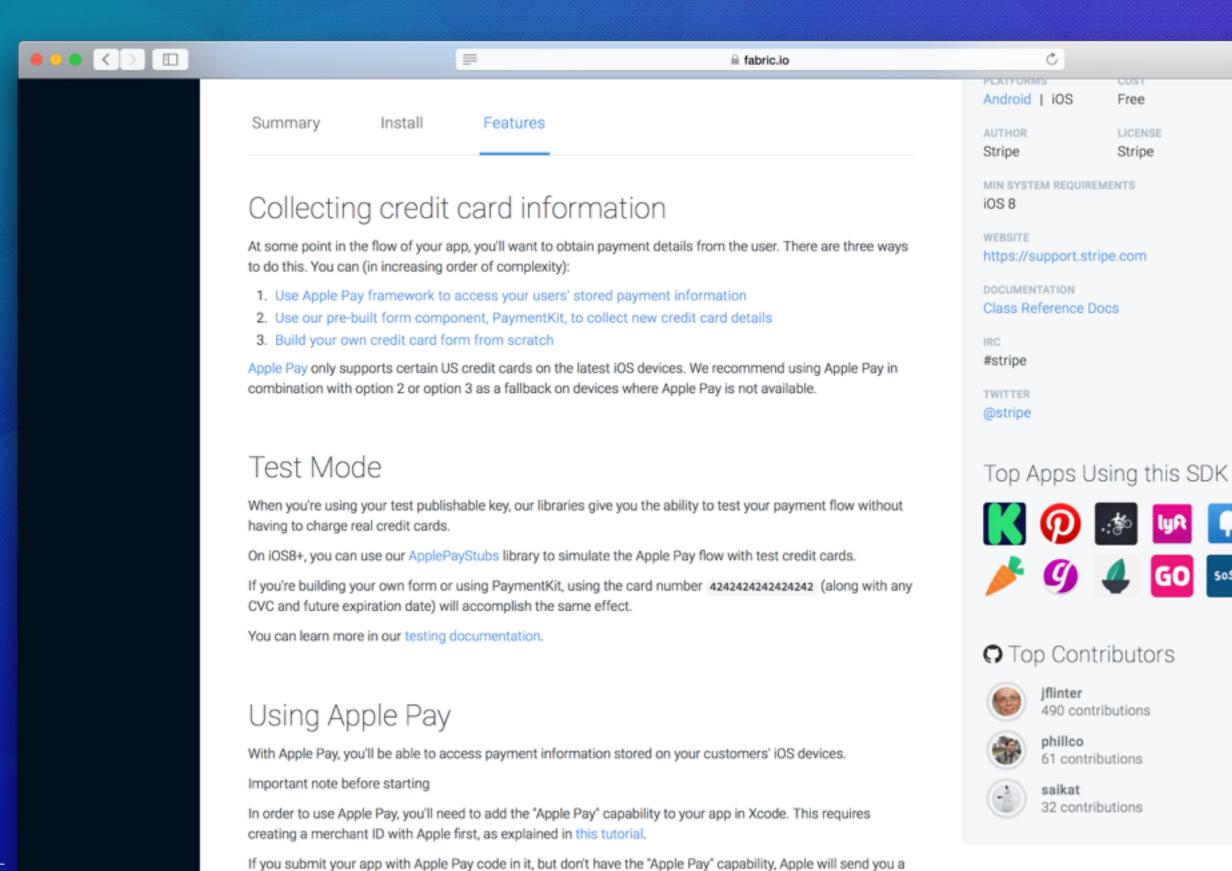
I just saw this cool payment SDK called Stripe at fabric.io/kits. It looks reputable since it's on Fabric, can you quickly add this in before we launch?

Thanks! Brian







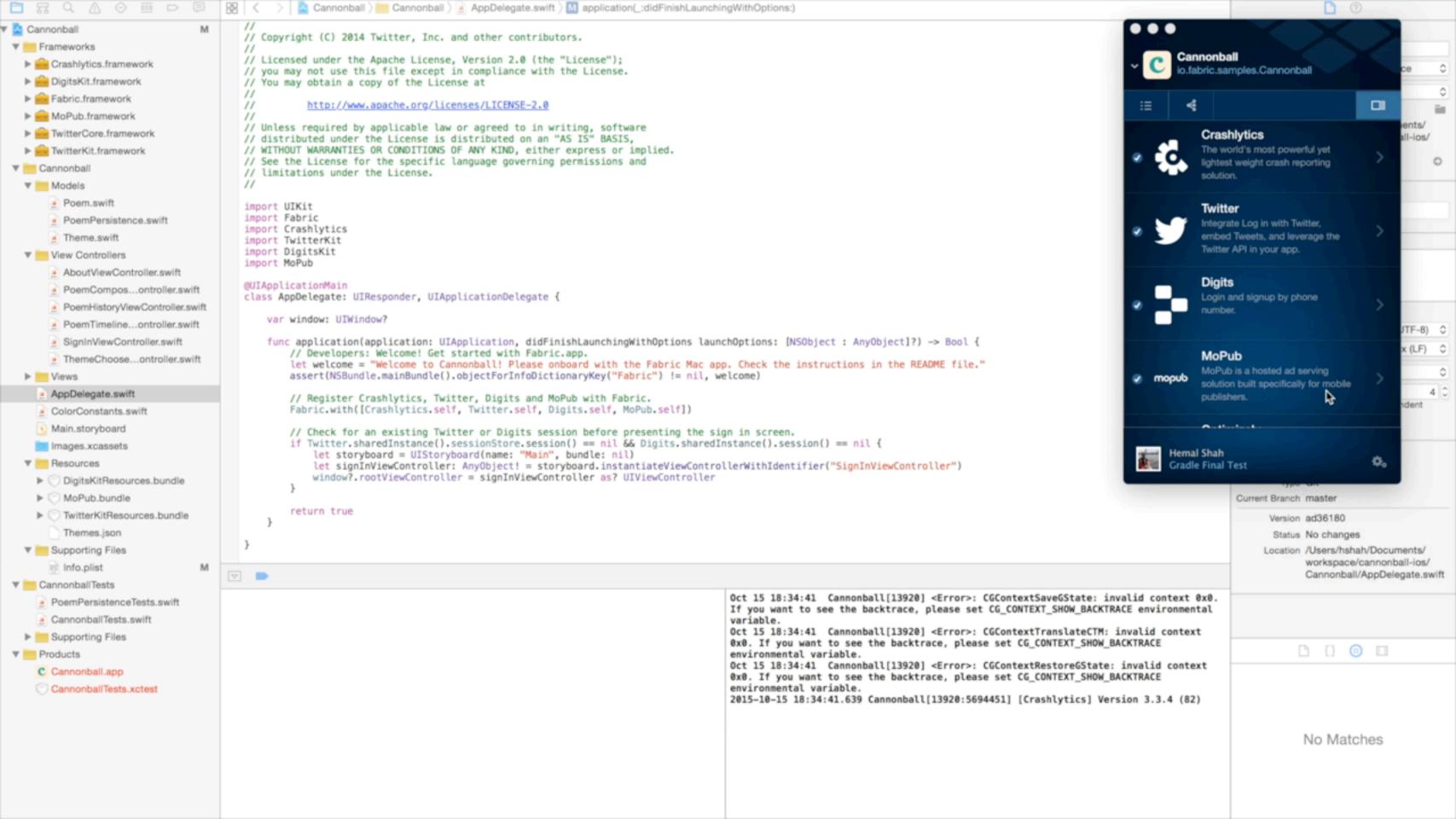


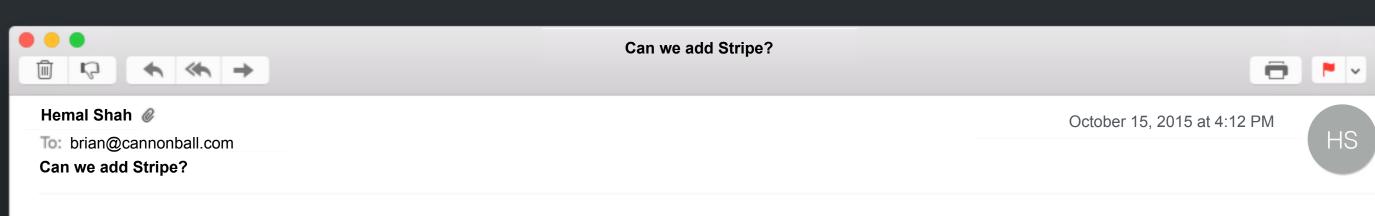
warning email. (They'll still accept your submission, though). To avoid triggering this warning unnecessarily,

Vou'll first need to add, STRIBE ENABLE ARRISEAN to your app's build settings under "Preprocessor Macros"

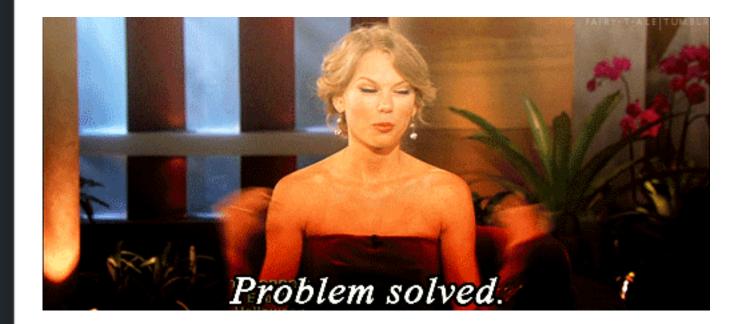
after installing our iOS library, you'll need to opt-in in order to use our Apple Pay components.



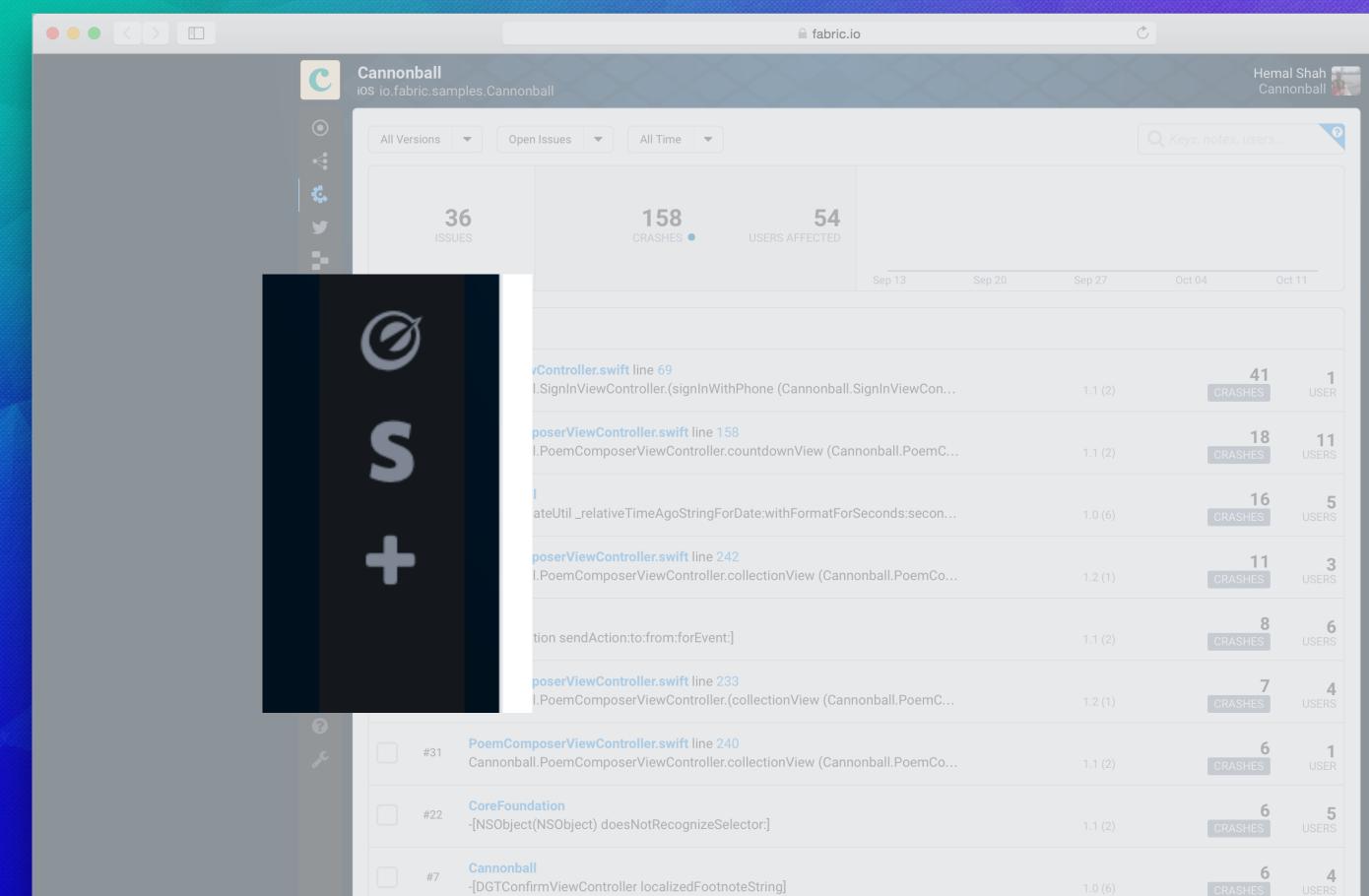




Done. Open your Fabric dashboard...









Thursday Review

Seamless kit installation

Kit feature tutorials

Kit dashboards

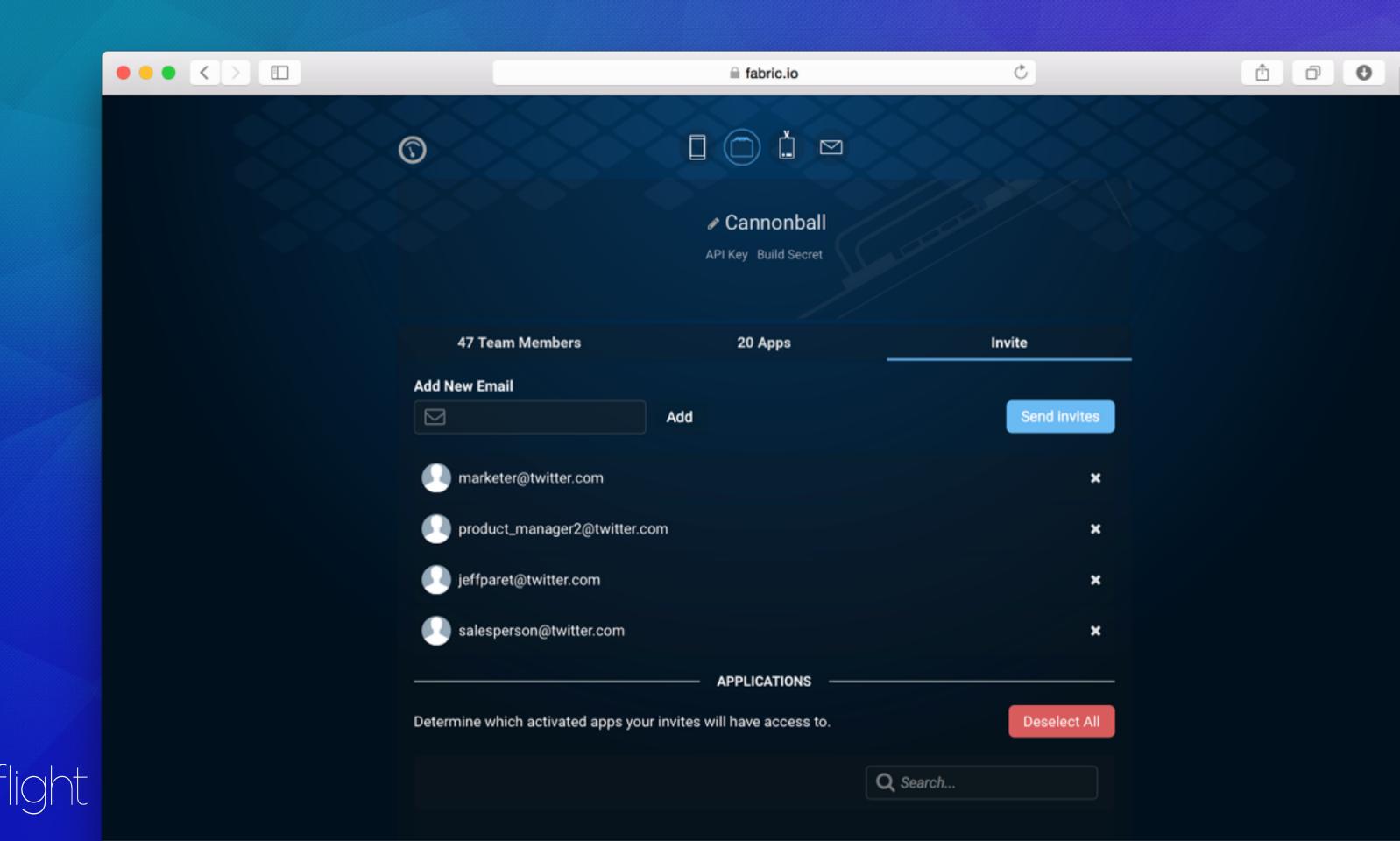




Friday

PREPARE FOR RELEASE











```
Fastfile.rb
  Fastfile.rb
                  ×
     lane : release do
       #Version Increment
      increment_version_number
       commit_version_bump
  4
       push_to_git_remote
  6
       #Building and Signing
  8
       cert
  9
       sigh
 10
       gym
 11
 12
       #Upload and Notify
       crashlytics
 13
```



14

15

16

slack

end

fkrause tw-mbp-fkrause > Downloads > Cannonball \$



Daily app health check

Distribute beta builds

Phone number login

Debug production issues

Gather feedback

Manage beta groups

Review in-app events

Monitor stability alerts

ata storage

User outreach

User experie

Check for regressions

Monitor real-time app usage

Discover and install SDKs

Promoted installs

Game analytics

Track payments and revenue

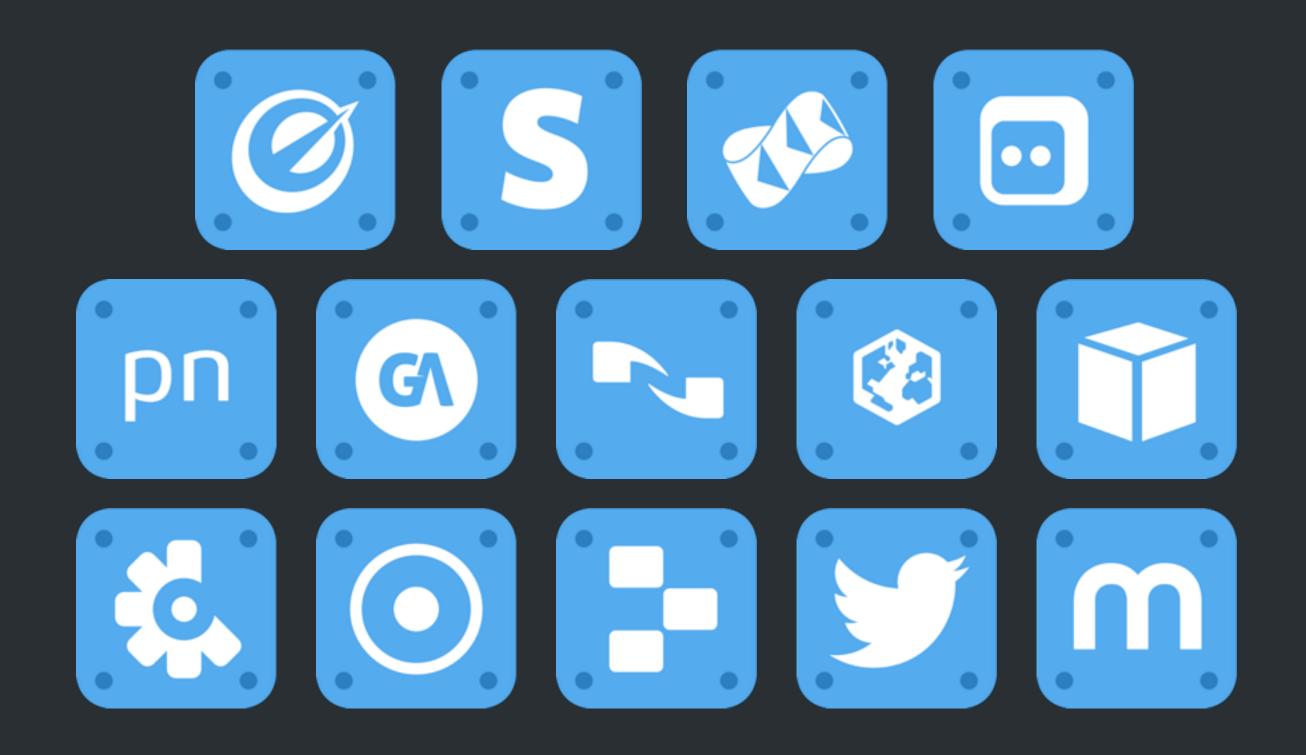
Review results of latest A/B test



User re-engagement













Thank You

@hemal

@bswift

