

EXHIBIT 170

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From: Mike Vernal </O=THEFACEBOOK/OU=FIRST ADMINISTRATIVE GROUP/CN=RECIPIENTS/CN=MVERNAL>
Sent: Sunday, October 07, 2012 9:05 PM
To: Mike Vernal; Mark Zuckerberg; Chris Daniels; Dan Rose; Douglas Purdy
Subject: Message summary [id.364074027012189]

Mark Zuckerberg:

>I've been thinking about platform business model a lot this weekend.

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>One thing I've been thinking about a lot this is that we really should start a payments product for real-world goods and offer it at a much lower rate outside of canvas. Mobile apps need something like this for real-world purchases as well since iOS only does virtual goods. If we layer in a service like this with our login, then that's a pretty awesome combo and a good reason for people to use FB platform.

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>I also think that if we make it so devs can generate revenue for us in different ways, then it makes it more acceptable for us to charge them quite a bit more for using platform. The basic idea is that any other revenue you generate for us earns you a credit towards whatever fees you owe us for using platform. For most developers, this would probably cover the cost completely. So instead of actually ever paying us directly, they'd just use our payments or ads products.

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>A basic model could be:

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>- Login with Facebook is always free

>- Pushing content to Facebook is always free

>- Reading anything, including friends, costs a lot of money. Perhaps on the order of ~\$0.10 / user each year.

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>For the money that you owe, you can cover it in any of the following ways:

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>- Buy ads from us in neko or another system

>- Run our ads in your app or website (canvas apps already do this)

>- Use our payments

>- Sell your items in our Karma store

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>Or if the revenue we get from those doesn't add up to more than the fees you owe us, then you just pay us the fee directly.

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>The rate of \$0.10 / user each year might even be too low. For example, at that rate Spotify would have to spend just \$3m per year with us in ads to be even and Pinterest would be around there too. We might be able to get this number to be meaningfully higher, especially if we don't charge until a dev has a meaningful number of users, like 50k or 100k.

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>I've been reading a lot of books on finance and banking recently, and even though the idea of an information bank is not identical to financial bank, the comparison suggests some interesting things.

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>For example, banks charge you interest for as long as you have their money out. Rather than letting devs pay a one time fee to fetch data, we could effectively do this by mandating that devs must keep data fresh and update their data each month for anything they call.

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>Another idea is charging different developers different rates for things. The whole banking industry is based on charging people different rates. It may be that instead of having a flat fee for everyone, we should instead try set a norm where there's some range but the expectation is each developer gets some rate specific to them once they're at scale.

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>Anyhow, those are just a few thoughts. We should haven't finalized our plan here yet so we should keep discussing this.

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>In the meantime, I'd love to spin up an effort to build a real-world payments product for devs outside of canvas.

Douglas Purdy:

>1. We are beginning to work on a payment product that will work for real-world goods/services. We can review where we are with you next week.

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>2. We are currently executing on the paid developer program (\$99 for app) that we are plan on rolling out in January. We are still working through the plan for API calls. I suggest that we spend some time tomorrow discussing what you outline here.

Christopher Daniels:

>I like the idea of giving our best partners/customers discounts on other offerings we have. Two thoughts, however: 1) for the things that we choose to charge for and make a profitable business out of, we should have confidence in our pricing such that we don't have to give anything away for free because each provides equal or more value than we charge. Said differently, if our prices are set correctly, nobody will expect us to give anything away for free because what we charge provides enough value. I want to seek a profitable business model for platform on its own before we start to think about packages/bundling. 2) rather than crediting revenue dollar for dollar, we should trade value based on the margin we earn. For example, a dollar of gross revenue from karma is much less profitable than from our ads business, so we shouldn't trade them 1:1.