

Behavioral Health Research Data Collecting App

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iOS, Android,
Fabric.io
+FIREbase



\$120K



4 months

Challenge

Our client and their research partner wanted to run a study on mobile devices to gather data from participants while on the job to assess (and improve) their productivity.

They were designing the data infrastructure but needed help with the user-facing component - app that could integrate and share data with set of other applications on the smartphone and other wearable sensor devices.

The process of conducting future studies needed to be documented in such a way to enable them to be straightforward and seamless.

Solution

Vicert designed a solution in a form of two native mobile apps that utilized ResearchKit SDK for iOS and ResearchStack SDK for Android that would track behavioral patterns with correlation to productivity in the work environment.

The solution had to be able to integrate with Facebook, Instagram, OMSignal, FitBit and RealizD as various data sets needed to be collected such as on-phone sensors including, but not limited to, GPS, screen usage, and others.

Benefits

The solution we designed allowed the client to use the app for multiple and diverse research more accurately and on a larger scale.

Timeliness of the data was a significant benefit for the client as they could have fast reactions to spikes in behavioural patterns, with live data tracking.

Allowing the study manager to reach out to participants with messages, push notifications, and requests for filling out surveys enhanced the data and improved the research making it more scalable and improved retention of test subjects.
