Vinilink

Urgent recovery project for Android-based wine aggregator

About

WaveAccess is a results focused software development company that provides high quality software outsourcing services to hundreds of emerging and established companies globally. We use our technical expertise to increase business efficiencies, optimize slow or unreliable systems, recover projects that have gone off track and bring ambitious ideas to life.

20+
years of delivering successful outcomes for customers

500+
talented & passionate professionals

11
global R&D centers

20+
completed machine learning projects

300+
successful projects delivered and counting

96%
of our customers are repeat business

Las Vegas
headquarters

USA, Germany, Denmark and Easten Europe
sales offices

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Project Overview

Client

VINILINK is a data-sharing platform connecting consumers and winemakers. VINILINK engages and guides consumers to promote local wines through a digitalized word of mouth and sharing of knowledge. VINILINK provides winemakers with a commercial toolkit for targeted marketing, value pricing, optimization of production, and the expansion of direct sales to the customer.

Business problem

Both wine producers (paying customers of VINILINK SA) and the user audience are critical for our client. It was important to add the app into the Google PlayMarket in the agreed time, given that the iOS version of the app had already launched. Complicating matters, a third-party development team had worked on the project for 8 months, but in the end, failed to deliver the final product. As a result, VINILINK had only 1.5 months left to finish the app, otherwise credibility could be lost with customers and users. Our task was to speed up the project and get the app ready for the Google PlayMarket within the above deadline.

Why WaveAccess

– More than 17 years of overall development experience.

– Experience in the recovering of IT-projects.

– Experienced developer of native apps for iOS and Android using Objective C, Swift, Java, and Kotlin, and also cross-platform apps using Xamarin and React Native.

– Award winning software developer, including Microsoft Partners Award for an e-commerce mobile app Jisp, and for a mobile friendly web app myQuiz.

– Full circle development (including UX, design, documentation, and support).

– Team size flexibility.

Technologies

We started with an in-depth analysis to get our view of the whole state of the project and the app itself.Kotlin, RxJava, RxBinding, Dagger, MVI, Clean Architecture, AndroidX, Android Material, Room, Retrofit, QR codes reading, Cicerone for navigation, Timber, Firebase Cloud Messaging, Firebase Analytics, Glide for images, Google Play Location Services, Google Authorization, Facebook Authorization.

Solution

We started with an in-depth analysis to get our view of the whole state of the project and the app itself. In order to save client's resources, we often use parts of a legacy-code. However, legacy code inspection indicated that there were limited possibilities to proceed with it. The third-party team left:

— Some designs in Figma, no ready prototype.

— Non-working source code for an Android app.

There was also a completed backend for iOS app, which doubled the expected functionality of the future Android app. After a thorough code inspection, we managed to detect the parts of legacy code that we could reuse. The remaining part of the app was created from scratch, based on the iOS app's features.

Within the project, we:

— Prepared the detailed cost estimation along with a step by step recovery plan.

— Developed some features, partly using the legacy code to optimize the development costs.

— Developed all the remaining features from scratch in less than the allotted 1.5 months.

The result

The app's recovery was expedited, revamped, and tested: now it is functioning at 100% ready to be used by Swiss wine producers and wine enthusiasts. It makes local wine more visible and accessible, shows details about wineries and their wines, and also engages smartphone users in the rich local wine culture:

— Users can rate wineries and wines, utilize the app as a reference when selecting, for purchase, local wines at shops and restaurants.

— Users can see wineries' details, or go to their online store from the app.

— Possibility to communicate with friends by sharing wine reviews.

— QR code reading feature is available for bottles with the VINILINK sticker.

— The app shows special offers, news, events from wineries, and users can subscribe to their favourite wine producers.

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We Make IT Easy
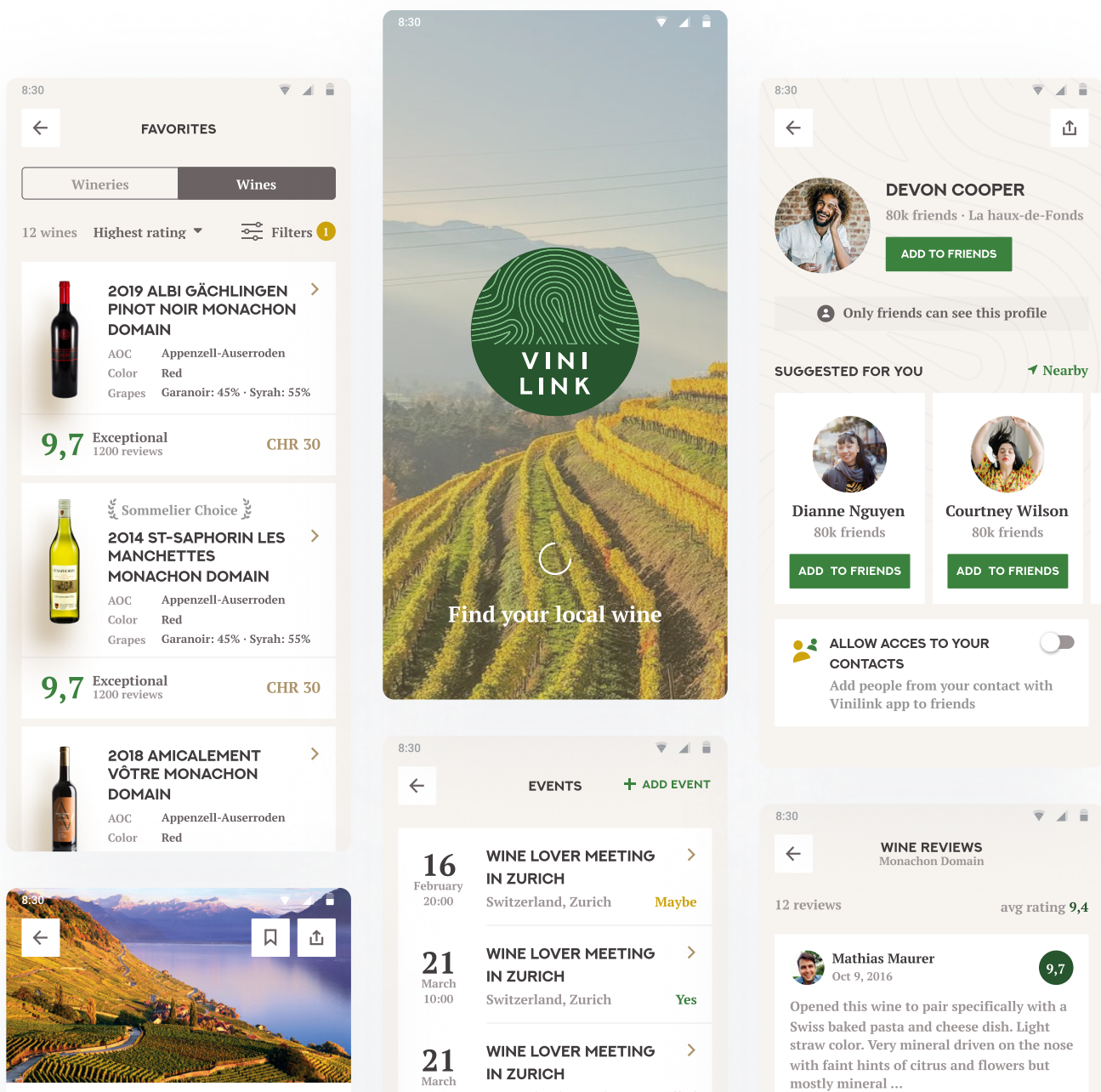
If you have a project for us, please get in touch

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