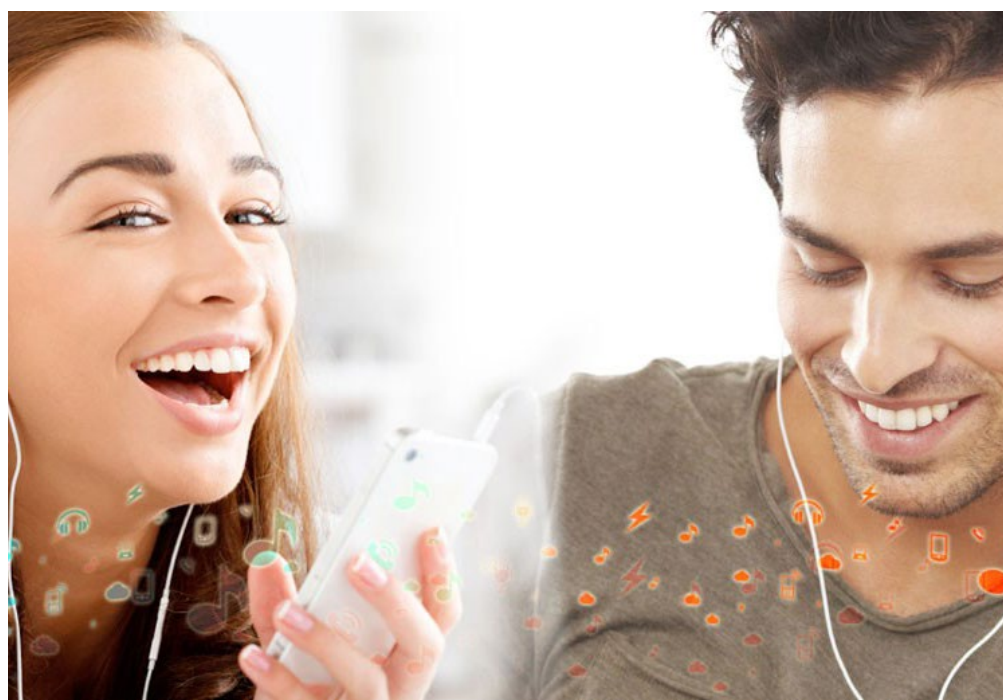
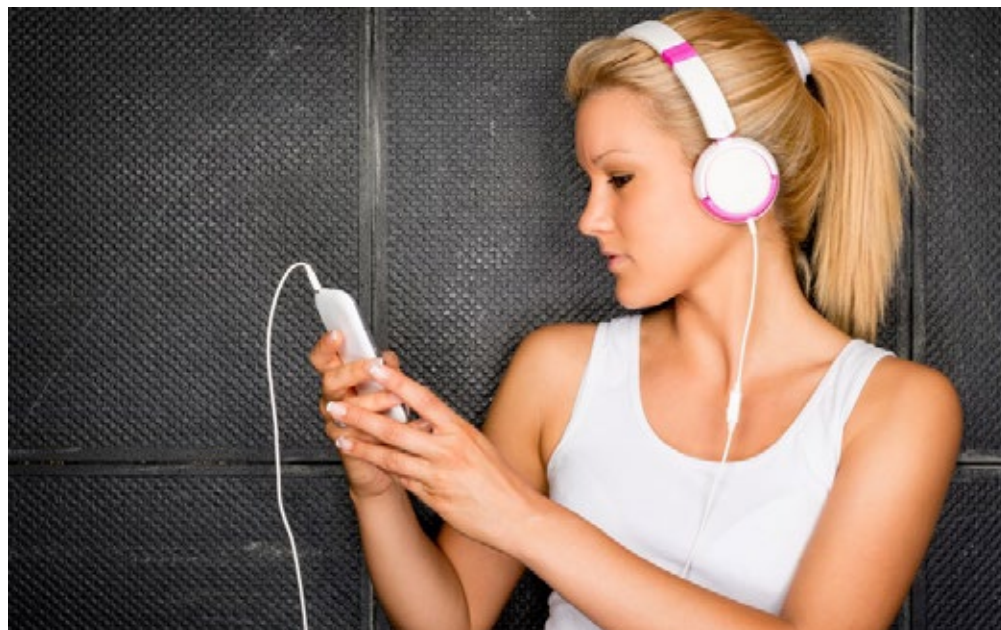




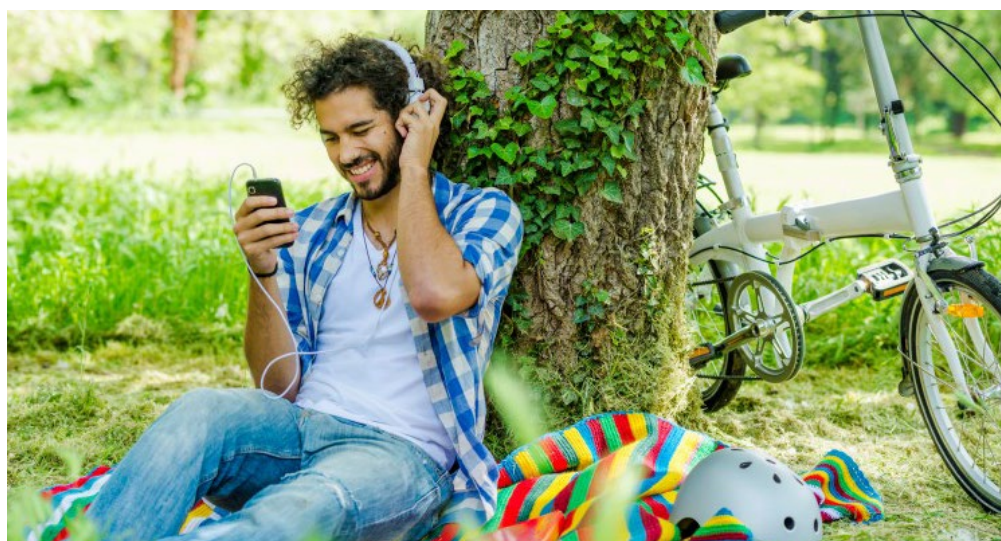
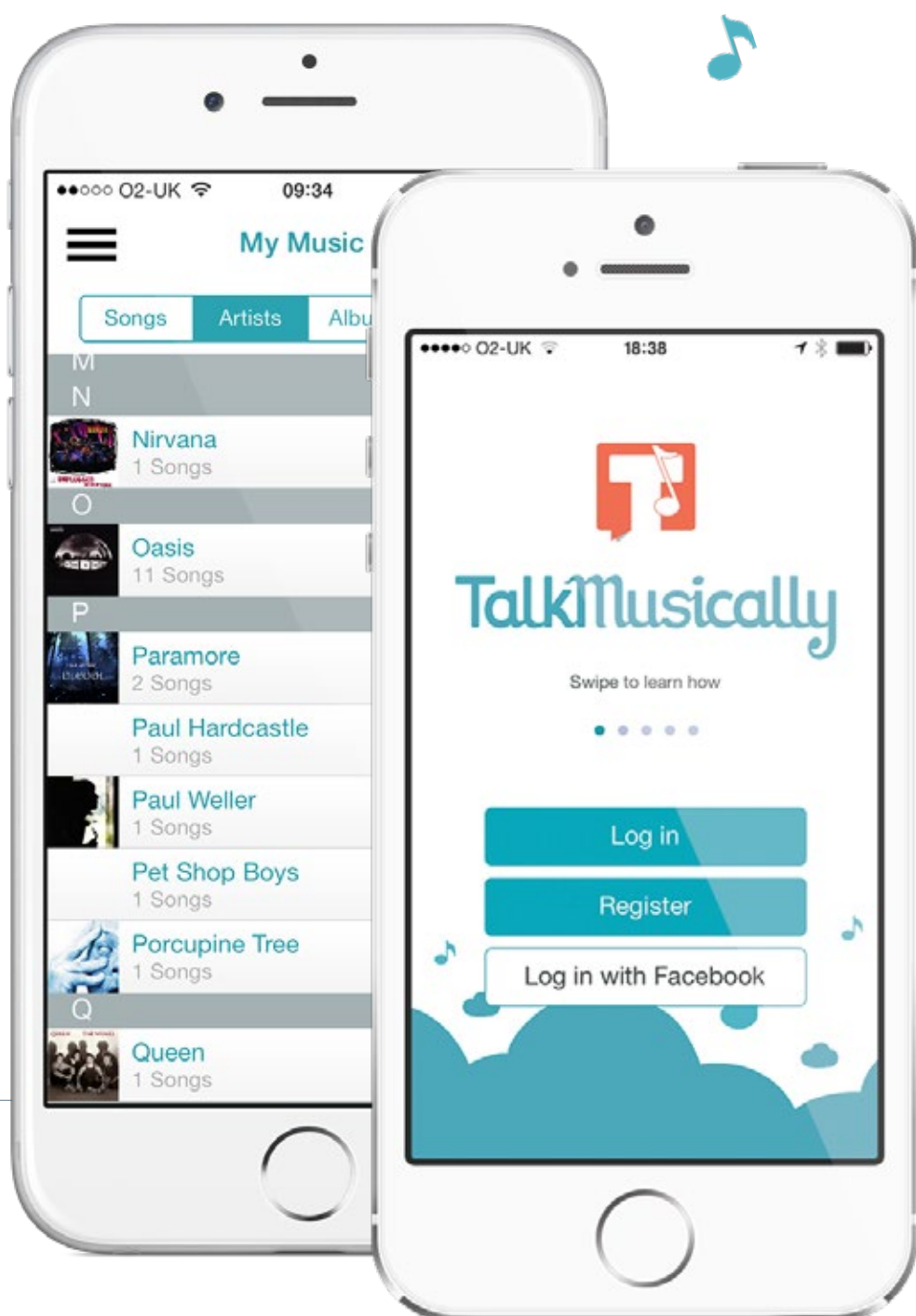
iPhone

TalkMusically is a new communications app featuring real-time blending of music and voice. For the first time you can call a friend and play them your new favourite song, or a musician can play a track to a fellow band member and get real-time feedback. All this can be done simply and reliably anywhere you have a network connection. And because it's VOIP, there are no call charges.



Research and Implementation

TalkMusically's vision is to allow friends to share in real time the vibrations of a new song, while simultaneously talking together. However when TalkMusically first approached Compsoft in early 2013, there were a number of technical challenges to overcome if this vision was to become a reality. How could music be reliably played on the same call as voice? Users wouldn't want to have to upload all their music to the cloud, so how could the phone's local music library be used as the source? And how would the user receive calls when the app is in the background?



Compsoft carried out a research and development exercise to prove that the challenges listed above could be successfully overcome. First, Compsoft researched and identified the most suitable Session Initiation Protocol (SIP) framework for blending the user's voice and a music track within the same outgoing call. Once this was done, Compsoft developed a prototype app which converted the iTunes tracks to a format suitable for the SIP framework, then delivered the blended voice/music stream via integration with TalkMusically's chosen VOIP service. The prototype also integrated a mechanism for enabling users to receive calls even when the app was in the background, and enabled track and user metadata to be sent and received between users. Once the R&D phase was complete, TalkMusically commissioned Compsoft to deliver the iPhone app.

User Experience

The app was designed to make it as quick and easy as possible to allow a user to start talking musically. On installing the app you can register using your Facebook account, or alternatively create a new account. The app automatically checks your device contacts and/or Facebook friends to see which are already registered for TalkMusically, and adds them to your TM contacts. Any new friends starting to use the app will also appear in your contacts. Once linked it's easy - simply choose the person you want to call and the track you want to play. A help screen explains to the user what to do, and all functions are easily accessed via an iOS pull-in menu.

A cool, modern design was created to appeal to a young, design conscious audience – as the app design process coincided with the announcement of iOS7, a cleaner, flatter approach was adopted while retaining colour to guide and prompt usage.



"We are glad that we found Compsoft as our strategic development partner at the right time. They not only developed world class product but also guided us in various aspects of design and implementation."

"Srini" Srinivasan, CTO,
TalkMusically.



Together, TalkMusically and Compsoft have created a secure and reliable iPhone app which is a joy to use – delivering without compromise against TalkMusically's vision.