iOS app development portfolio

Pratham Mehta
github.com/prathammehta

SocialSymphony

http://socialsymphonyapp.com

SocialSymphony is a music creation tool that allows everyone to create beautiful sounding music and share it with their friends without needing any musical knowledge or expertise.

I was incharge of the entire app and the experience that is provided to the user. The app was very challenging as it required the use of several complex audio management and encoding frameworks. The app is almost entirely built by custom UI elements

VITAcademics

Courses

TimeTable

Refresh

Grades

Credentials

Campus Map

ITE308

IT

MONDAY

ITE308

CBL

Last Updated: Thursday, Aug 13,

Distributed Syste

by KUMAR P.J - SITE

D1

69

PERCENT

You have attended 13 out of

+

4 | 1

attend | miss

-

Marks

CAT-I 34.0/50

ITE308   ITE320

65   67

Distributed Systems   Network and
                           Information Security

D1   C1

9 / 14   14 / 21

Updated: Thursday, Aug 13   Updated: Thursday, Sep 03

VITAcademics is a service for students within the university to access their attendance, marks and time table among other things to make their life simpler
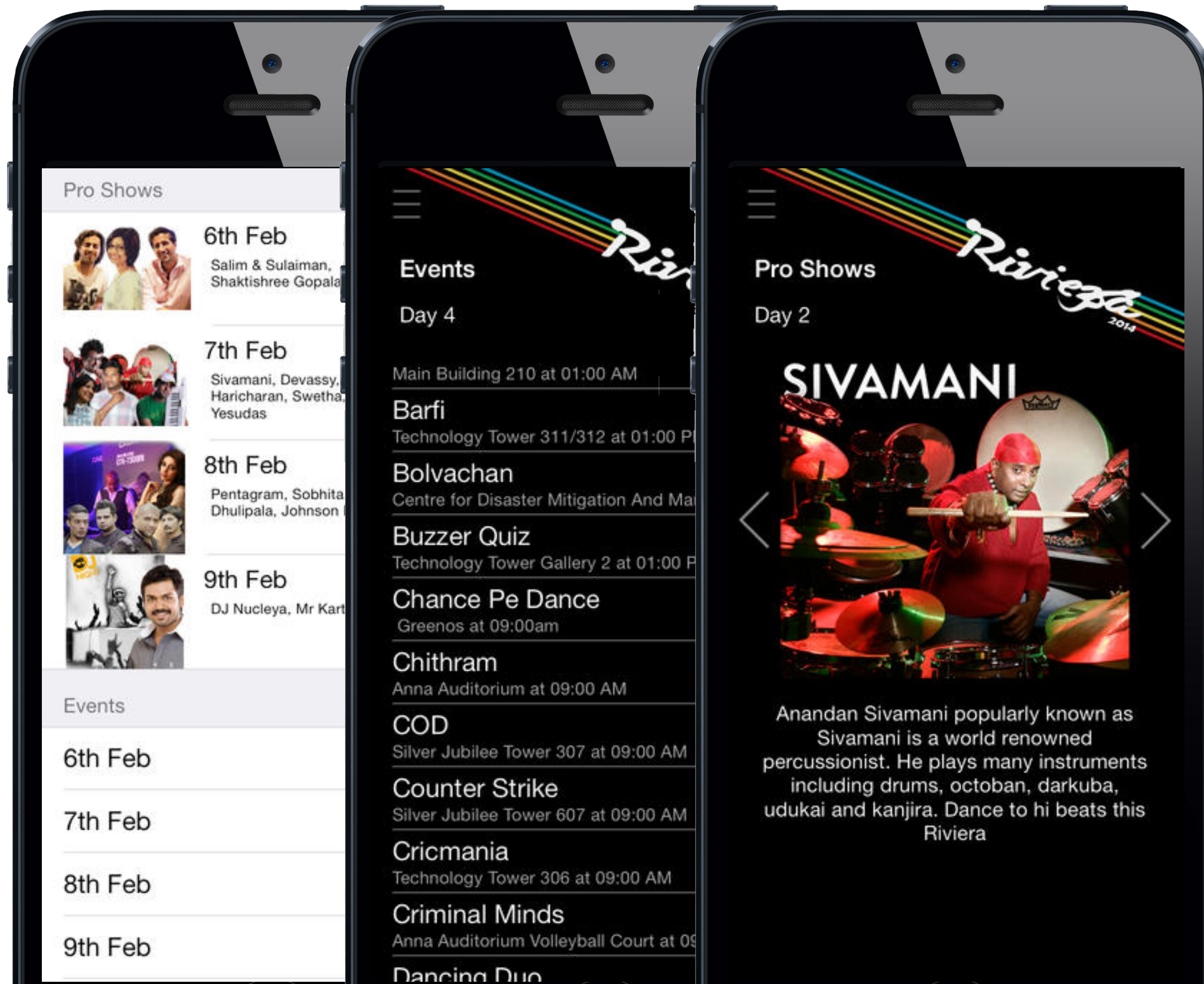
I was involved in building the iOS app from scratch. This app uses several advanced iOS technologies such as collection view layout transformation, child view controllers etc to provide the user with a engaging experience
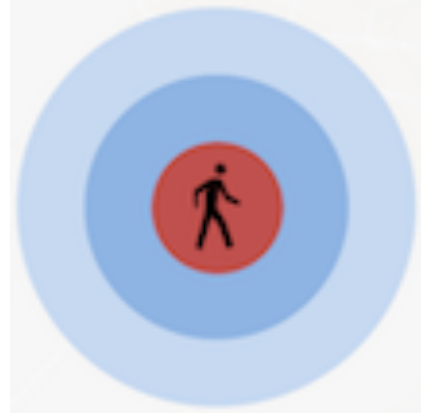
Riviera 2014

Riviera is VIT University's yearly official cultural fest. I was incharge of developing the official iOS app for the fest.
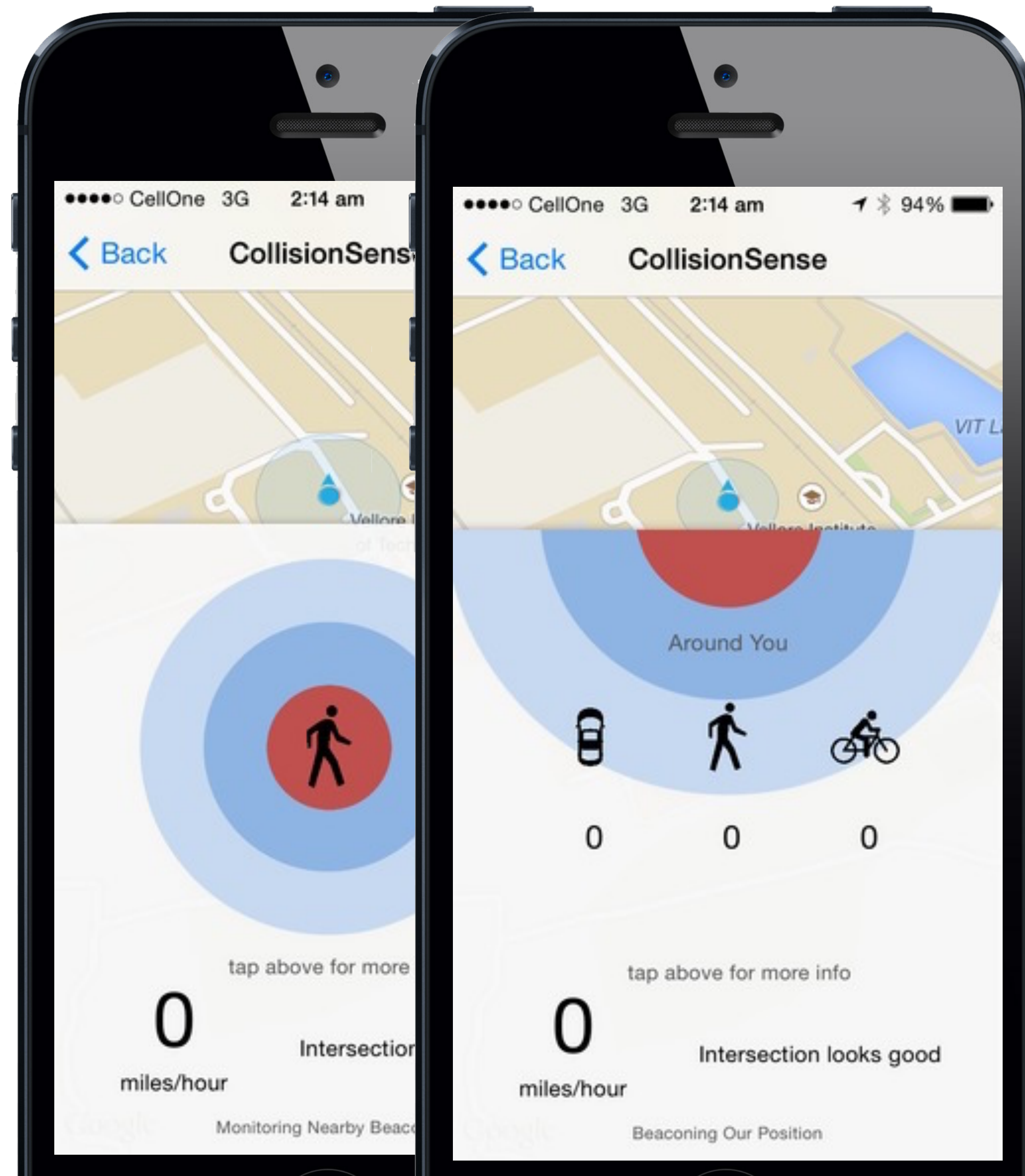
This app included some key iOS technologies like a fully native core data, core location and predictive search implementation. It also required a host of custom UI elements. The app was designed so that it could be easily reused for other events.

CollisionSense

CollisionSense is an elegant solution to today's problems involving accidents that occur at intersections in the city. Given the scale of the issue we wanted to come up with a solution that does not require any setup or initial investment. We wanted to deploy a system that could leverage existing hardware and software and can start operating from the very beginning.

This was extremely challenging as it required the use of Bluetooth low energy to dynamically create and generate beacons.