

First-of-its-Kind Mobile Payment System

Mobile applications

Face Recognition

Geo Location

Mobile payments

Customer

A provider of a revolutionary payment application, allowing users to tip service professionals from mobile devices.

Industry

Mobile Commerce

Challenge

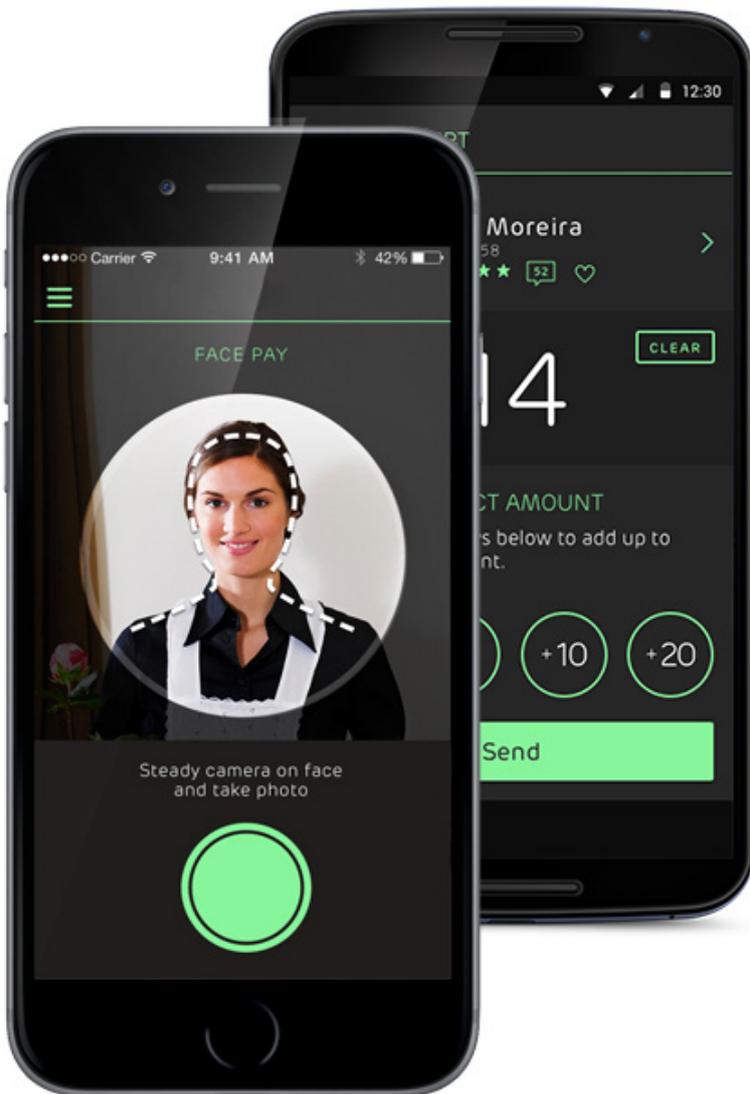
Transform the experience of tipping service professionals through a mobile peer-to-peer payment system based on face recognition and geo location tracking.



Solution

The ELEKS team leveraged the customer's idea to create a unique solution for mobile tipping, maturing their thoughts into an innovative product for mobile payments.

To initiate paying a tip, a user registers in the system as either a tip receiver or a tip sender. To tip someone, the tip sender provides their credit card information and simply takes a picture of the receiver's face to initiate the payment. The tip receiver claims the tip through a personal deposit account secured by face recognition. The most important is that the tip receiver can register in the system and claim the tip even after it has been given.



Features and Benefits

- Face recognition identifies the person-to-be-tipped just by taking a picture of his or her face.
- Foursquare integration identifies the registered service professionals who have previously received a tip at the same location.
- Tip history records tip income, including processed, received, and rewarded tips.
- Advanced mobile payment system allows service people to receive tips from the customer by scanning the person's credit card and specifying the amount of the tip.
- Tip allocation allows sharing tips among a team of service staff. Tips may be shared by working hours, percentage rates, etc.
- Reviews and ratings enable tipplers to provide feedback on the service they received.

Technology

Mobile development:

iOS SDK
Objective-C
SQLite

Android SDK
AppCode

Back-end development:

Java 1.7
Spring Framework
PostgreSQL
VoltDB

JetBrains IDEA
Eclipse
pgAdmin3

Front-end development:

HTML
JavaScript
PHP

Symfony2 Framework
MySQL
WordPress

Find us at eleks.com
Have a question? Write to eleksinfo@eleks.com