MOBILE DEVELOPMENT

PORTFOLIO
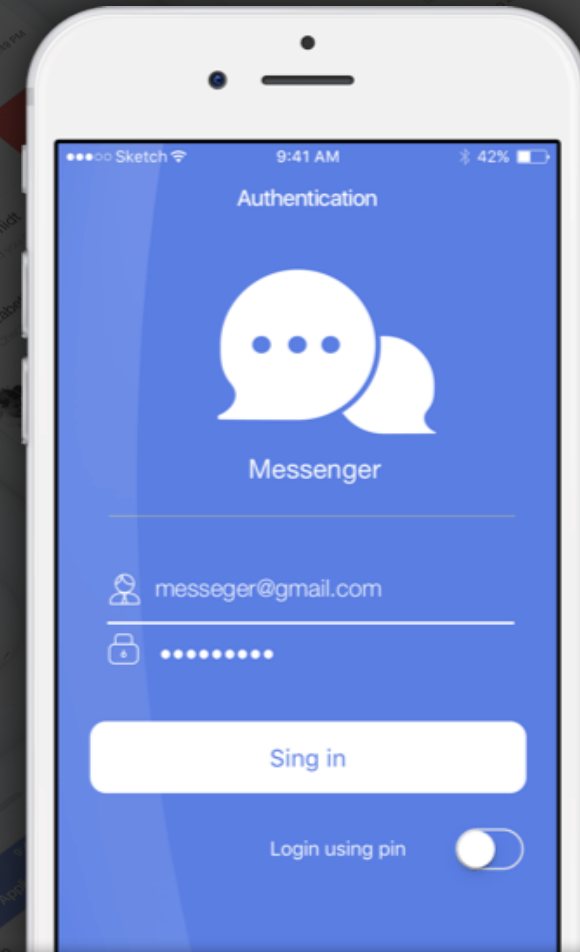
SECURE MOBILE MESSENGER

PROPOSITION

Our team of information security experts thoroughly examined the strengths and weaknesses of available instant messengers. Our consultants determined that most popular instant messengers rely on service providers for encryption, and if compromised, data exchanges would be in jeopardy. We proposed an in-house solution to better control our clients' internal data and security.

SOLUTION

A mobile messenger app for operational communication among employees and secure data exchange via mobile phones. Considering business needs in mobile communications, we decided to develop an instant messenger that allows making calls, exchanging messages, audio and text files without fearing information leakage.

SECURE MOBILE MESSENGER

FEATURES / CASE STUDY

- Emergency passwords that allow wiping all information and blocking the account in the event of any attempt to compromise the phone.
- Time-based message history backup.
- Ability to form groups via access settings.
- Direct and group calls.
- System, users, and activity statistics.
- Push notifications.

ANDROID/iOS
OBJECTIVE-C, JAVA, SPRING, HIBERNATE, ELK
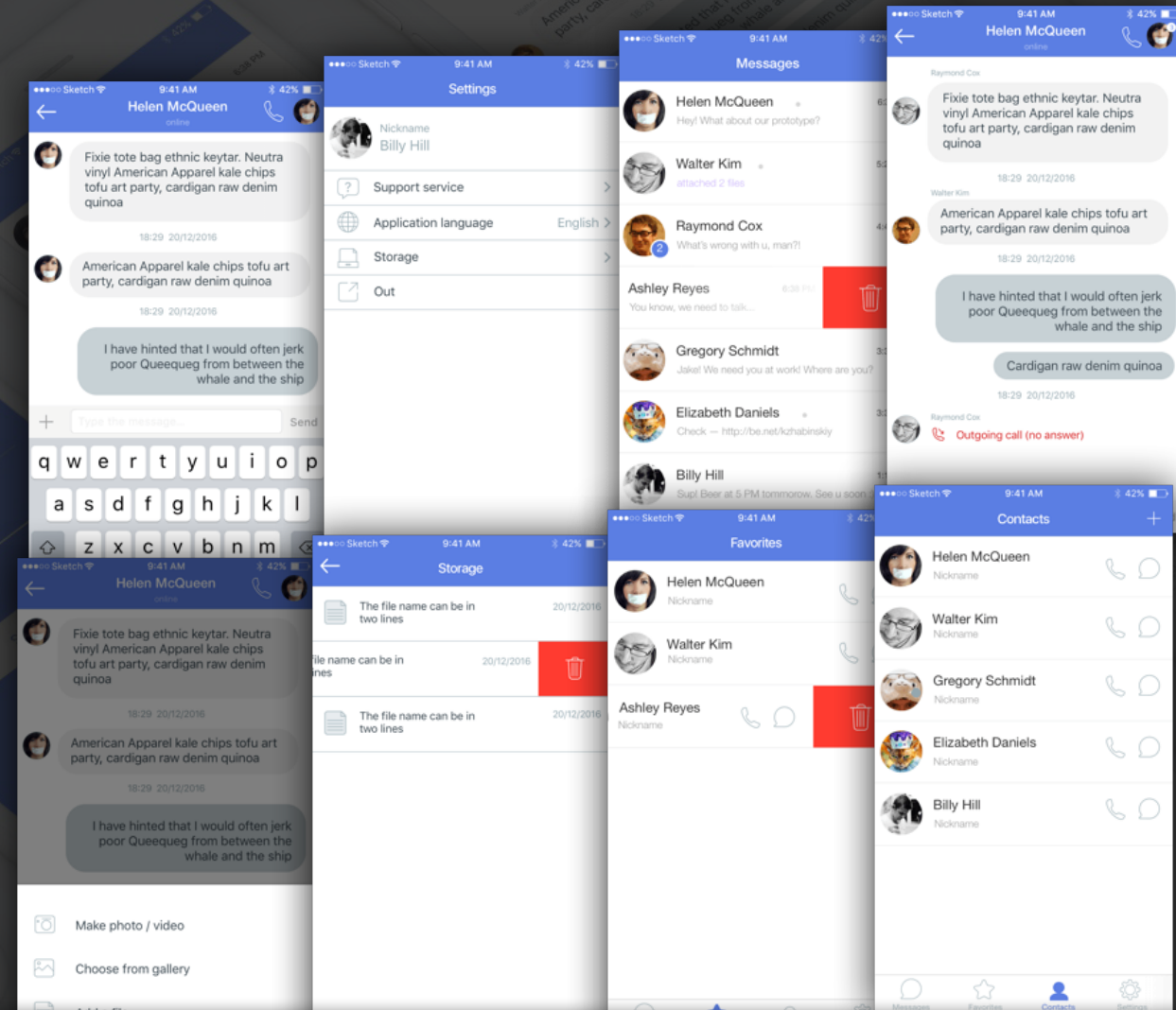
SKYWELL SMART TRACKER

PROPOSITION

To stimulate sales of *Cisco's* network equipment and services, we proposed a comprehensive solution for interacting with visitors of shopping malls, hyper-markets, stations, airports and other businesses related to the flow of people. The key requirements for this product included operability with *Cisco* Wi-Fi equipment.

SOLUTION

Our work resulted in the creation of a mobile application, interfacing with *Cisco* Wi-Fi-equipment. In order to develop the most useful application functionality, we held a series of detailed interviews with its potential users.

Skywell
SmartTracking

SKYWELL SMART TRACKER

FEATURES / CASE STUDY

- Convenient navigation through malls, airports, etc. with destination routing.
- Real-time push notifications about near-by promotions, discounts, and sales.
- Access to partner loyalty programs.
- Statistical analysis of foot traffic.
- Identification of low-traffic areas and trends throughout a local space.
- Influential data in speculating and adjusting tenant rent prices.

ANDROID/iOS
CISCO CMX,
OBJECTIVE-C,
JAVA, SPRING
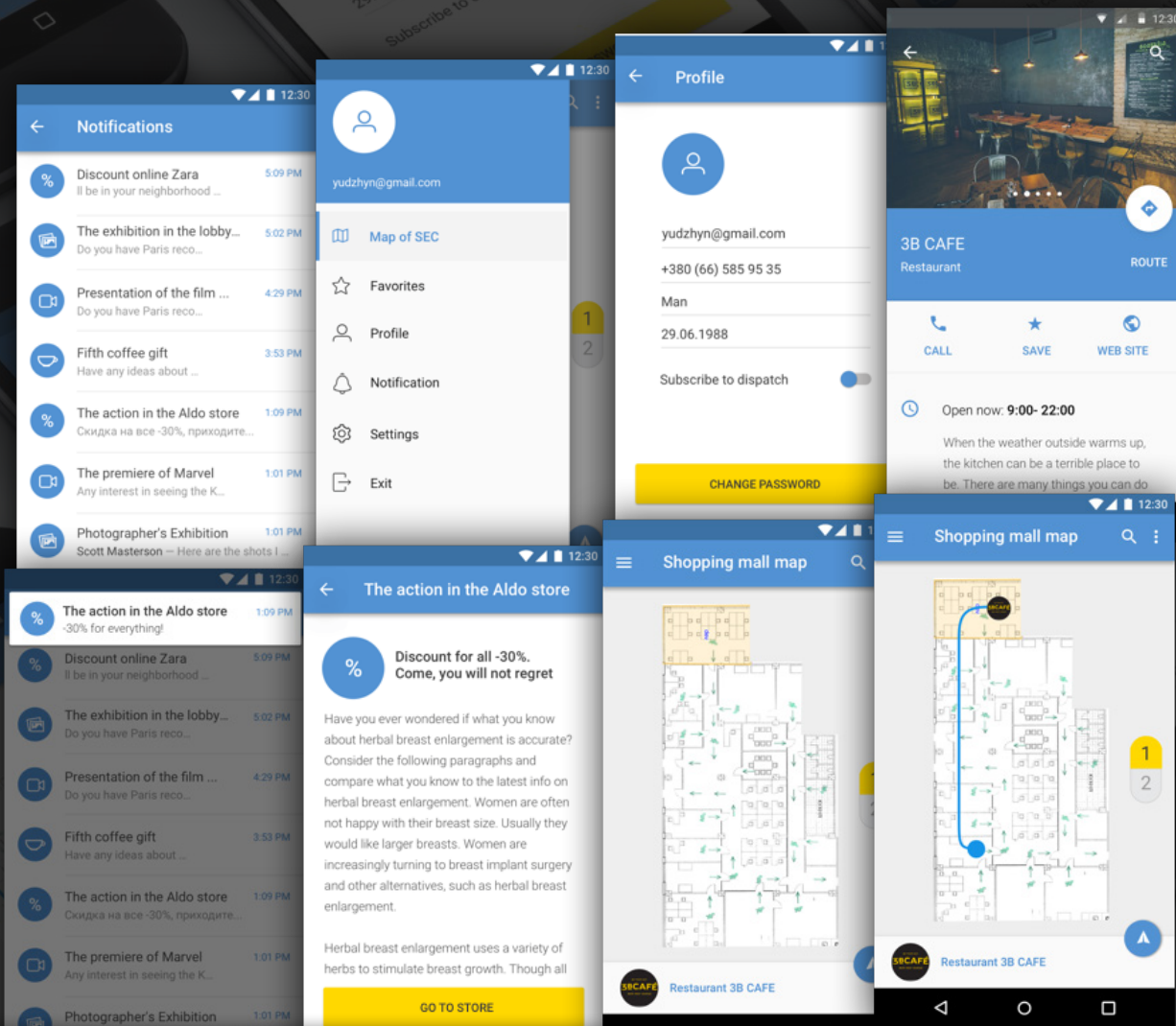
CORPORATE ENGAGEMENT HUB

PROPOSITION

American Chamber of Commerce is one of the world's most active and influential business associations, with offices all around the globe. *ACC* wanted to launch a corporate mobile application to commemorate the 25th anniversary of one of its international branches.

SOLUTION

To facilitate the search of corporate information, we developed a convenient system of filters for B2B, B2G, and B2C user experiences by designing the application structure and business logic in great detail. In addition, we provided a color identification system for event types and one-click event registrations, with push notifications for event reminders and corporate news alerts.

CORPORATE ENGAGEMENT HUB

FEATURES / CASE STUDY

- Single source of truth for news, publications, and *ACC* activities and events.
- One-click corporate event registrations.
- Event scheduling.
- Push notification event reminders and news alerts.
- Enhanced personnel performance.
- Better streamlined workflows translates to better efficiency.
- Increased event attendance, activity engagement, and company culture.

ANDROID/iOS
JAVA, SWIFT
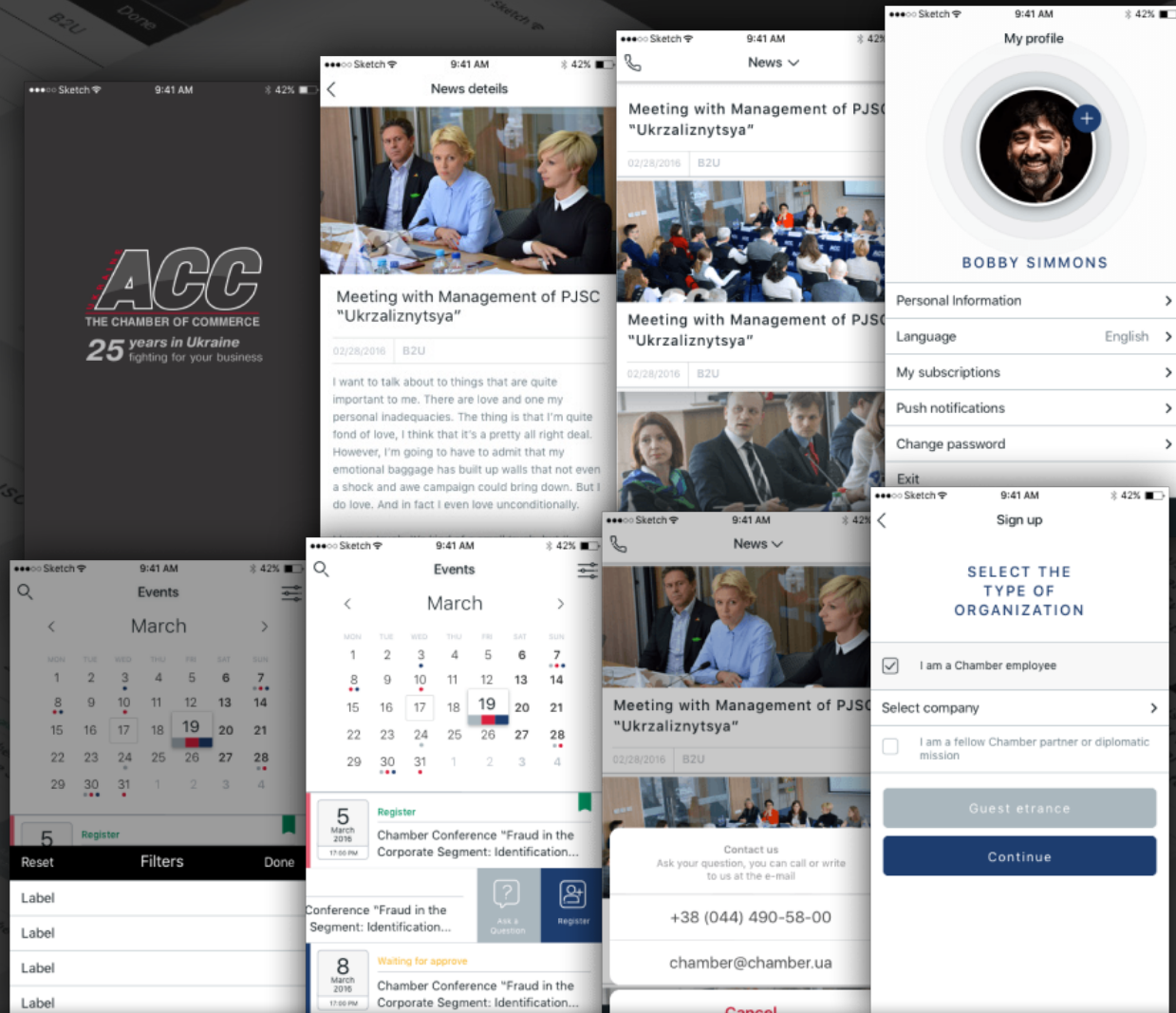
LEAD GENERATION SOLUTION

PROPOSITION

Syngenta is passionate about the development and training of farmers, and required a solution to be able to engage participants of the agrarian Farmer's Workshop conference (an annual conference with over 1,000 agricultural producers) to interact with and learn about *Syngenta's* plant protection product offerings, training methodologies, and ultimately to convert leads into sales.

SOLUTION

Having analyzed *Syngenta's* business needs, our experts conducted a market study of the target audience (agronomists). We found that simplicity and structure was absolutely paramount for capturing data from this audience.

We produced the most intuitive UI on the market for this particular user group.

LEAD GENERATION SOLUTION

FEATURES / CASE STUDY

- Simulation of crop results by gamify-ing virtual fertilizers.
- PnL estimations, based on simulations.
- Industry-wide knowledge sharing.
- Increased company sales.
- Expanded brand loyalty and awareness.

**ANDROID
JAVA, SPRING,
HIBERNATE, ELK**

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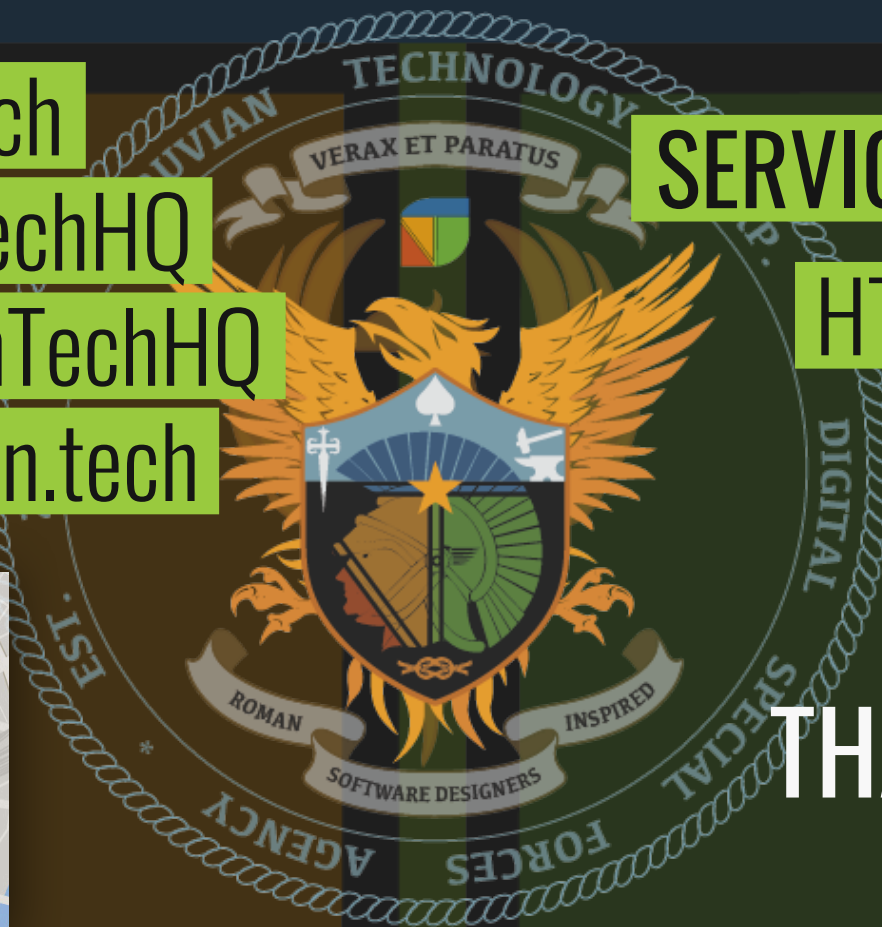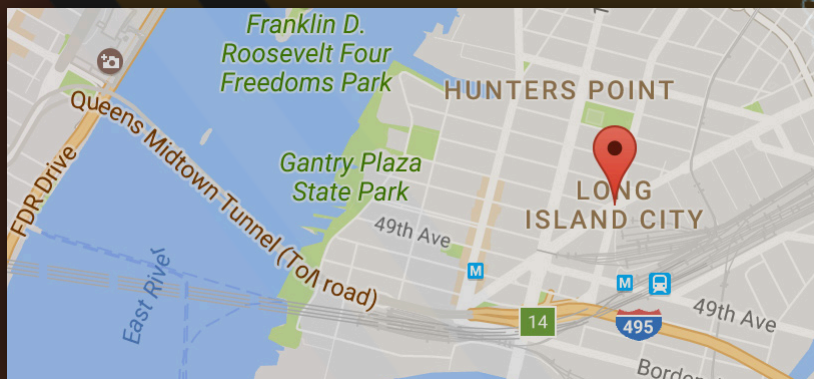**INSTAGRAM:** @vitruvian.tech

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THANKS FOR VIEWING

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