Global mHealth Developer Survey





February 2012



Single User License: Access restricted to one specific user

This document is a summary of the results of the global developer interview survey

Market background

The advent of the "app economy" created a brand new interactive way to communicate with the market. This "Smartphone Applications Market Phenomena" has already impacted heavily on many industries, and that impact will only increase as smartphone penetration grows. Healthcare is one of these industries, and the opportunities for improving both healthcare delivery and the dissemination of medical information are yet to be fully understood.

Attracted by the overall market hype around smartphone applications, independent application developers and to a lesser extent traditional healthcare industry players have started to develop and market mHealth applications on the smartphone application stores.

The global mHealth market survey conducted in the second half of 2011 examines the opinions about key market trends of both start-up companies and mHealth and traditional healthcare market players that have had experience publishing applications for a smartphone platform.

Survey details

Objectives:

 Obtain developers' perception of mHealth status, drivers and barriers

Time:

 The survey was conducted in the second half of 2011

Method:

Online questionnaire

Participants:

 377 companies and individuals involved in mobile health market

Reach:

Global

Note: This document summarizes the information gathered during the survey. It does not draw any conclusions or provide recommendations. It includes comments and opinions of survey participants.

Survey participants include (total 377 respondents)

28b Limited **Aalborg University** Aastrom Biosciences, Inc. Able Eve Device Co., Ltd. Accenture Across Health ADL Advanced Medical Solutions plc Aetna Alcon Inc. allan eades & associates p/l Altys Technology (Pty) Ltd Anakena Solutions Ansell Anson Group ANT+ Wireless App diagnosis AB Apple Inc. AT&T Atos IT Solutions and Services GmbH Axicare Bahia Software Baver Baxter Healthcare **Bdigital** Blue Highway, Inc. Boehringer Ingelheim **Business Republic** Carefusion

CareFusion Castrosin Catalent Pharma Solutions

Celesio AG

Celgene Corporation Cellnovo

CINTERION, a Gemalto company

Cipla Ltd. Cognovant, Inc. Coloplast do Brasil Ltda. Commonwealth Management Services HMRC

Complete Digital

Comstrand Cooldesign Agency CooperVision CoreApp CPMG

DCIS

CVS/Caremark MinuteClinic Dakota State University

Devicix Diva IT Solutions DLS HEALTHCARE CONSULTING, LLc Drapin & Co. eczacibasi E-Health Media Eyelab S.r.l. Flsevier **Empathy Lab**

Ericsson Nikola Tesla

Engage

Essential Research Essilor USA EveryFit

Executive Impact Group Fitness Fulfillment

FLA Flaxworks

FutureHealth.com.au GE Healthcare

GeHS

Gill Creative Resources **GMHP**

H2Online H3 System, Co., Ltd. happtique, inc. Health Interactions **Health Ministery** Health over IP (HoIP) Hewlett Packard

Hytec Hospira Hospital Gift Shop, Inc. Medimoov.com Huawei Humana Melbourne Health ICW Merck

iLabs Medical Merck Serono IMAGE Information Systems Europe Ltd. mHealth Evolve IMI-Health AG

Informa Innovate Vertical Solutions Institute of Electronic Business Intelecare Ventures, LLC Intellego Health Management

Resourcing Intuitive Health iPLATO Healthcare IRWAA LLC **Itelogy Partners** Yankee Group Johnson & Johnson

IMS Health

Kairos Future Kaiser Permanente Kaitensoft- IMS Partner kalbe farma, tbk

Katholisches Klinikum Bochum KCI

KePRO

Lavandoo Mobile Solutions GmbH

LifeQube Lifesense LifeWIRE CORP Magyar Telekom Mayo Clinic

Mango Informatics P.L. Marvlhurst University Matrvx Group

Maxim Healthcare Services

McKesson mDiagnostica Medco Health Solutions

MEDgle

Medical Connectivity Consulting

MedicApp Corp Ltd

Mobidarm mobile health expo Mobile PRM

Mobile Solutions Company Modern Health Talk

Mole Productions Moleac Pet. Ltd. MPI

MSD **NATO Training Mission**

Neseco

Neural Diagnostics Pty Ltd

Nevrocorp New Leaf Ventures NHS West Midlands

NIH NIHP Inc. Nonin Medical NowPos M-Solutions

Nutricia Advanced Medical Nutrition

Nutricia Ltd (Danone) Oakley Medical Practice

OHSU Optasia Medical OptiMedis AG OptumInsigh Ozan Batigun

Pacifica Senior Living in San Leandro

PAREXEL

PatientKeeper, Inc.

Philips

Phoenix Consulting MLJ Planet Hobu Planet Siol.net PMD Exports, Inc.

Praetorian Services Plc PT KalbeFarma

Publicis Life Brands

Publicis Life Brands Resolute

Ranbaxv

Robbins Interactive Roche Pakistan Limited

Rock Health Rosetta Marketing RTC North Ltd

Saint Joseph Health System

sal hospital

Scottish Healthcare

Sensei. Inc

Shenzhen Comen Medical Instruments

Sky International Smart Online Smiths Medical

Sofomo Embedded Solutions Pvt Ltd

lifeplot.in Sonic Healthcare

South West Yorkshire NHS Spyder Digital Research Inc

St Jude Medical

Strategy Analytics Strvker Tactio Software Tech Data Technikum Wien

TeleThrive **TELUS** Teva TILab UCB

UNC Hospital University of Auckland University of Otago

Vasterbotten County Council

Vestre Viken HF Virgin Active (Pty) Viropharma vivmed

USAMRMC/TATRC

WEB on The Web

WellDoc WHO

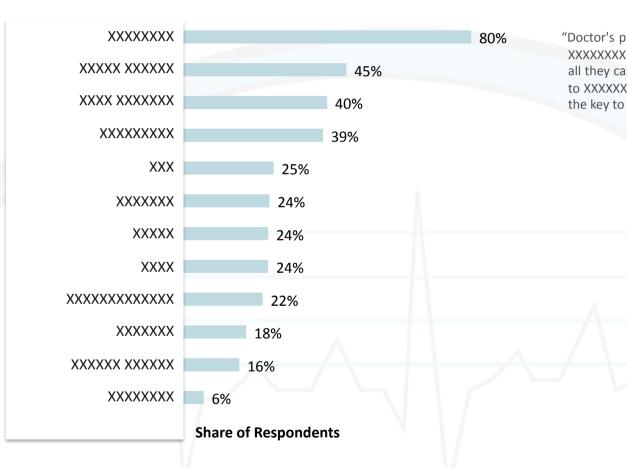
..and single experts

Key take aways

- XXXXXX is seen as the therapeutic area with highest business potential
- Today XXXXXXXXX and XXXXXXXXX are the main target groups for mHealth solutions
- Mobile health solutions for XXXXXXXXXX and XXXXXXXXX differ a lot in their business potential
- Both, tablets and smartphones, will have a place in market but XXXXXXXXXX
- Participants envision XXXXXXXXX of mHealth solutions in 2016
- Patients, app developers and agencies are seen as XXXXXXXXXX
- XXXXXXXXX is seen as the main driver for mHealth.
- XXXXXXXXX, XXXXXXXX and XXXXXXXXX are the main barriers facing mHealth
- XXXXXXXXX will remain one of main XXXXXXXXX for mHealth solutions
- XXXXXXXX will offer the highest business potential for mHealth
- XXXXXXXXX will be the preferred mobile platforms for mHealth solutions
- mHealth apps are seen as tools to XXXXXXXXX
- The majority of participants forecast a break through of XXXXXXXXX

XXXXXXX is seen as the therapeutic area with highest business potential

Which therapeutic areas offer the best market potential for mHealth solutions?



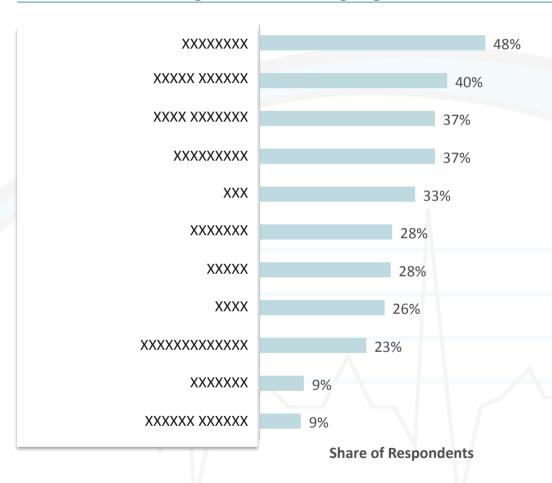
"Doctor's prescriptions are most often a mixture of XXXXXXXX and XXXXXXXXX. Pharmacists are doing all they can to XXXXXXXXXX. mHealth has the power to XXXXXXXXX and XXXXXXXXX thus mHealth holds the key to both critical aspects of XXXXXXXXXX."

^{*} XXXXXXXXXXXXXX

^{**} XXXXXXXXXXXXXXXXXX

XXXXXX, XXXXXXXX and XXXXXXX are seen as main players in the market

Which of the following stakeholders are going to drive the mHealth market over the next 5 years?



"Already seeing a tsunami of health related apps driven by XXXXXX, not XXXXXXXX. Biggest issue in the next five years is XXXXXXXXXXXXXXXX will delay provider adoption of these apps; development will be driven by XXXXXXXXXX."

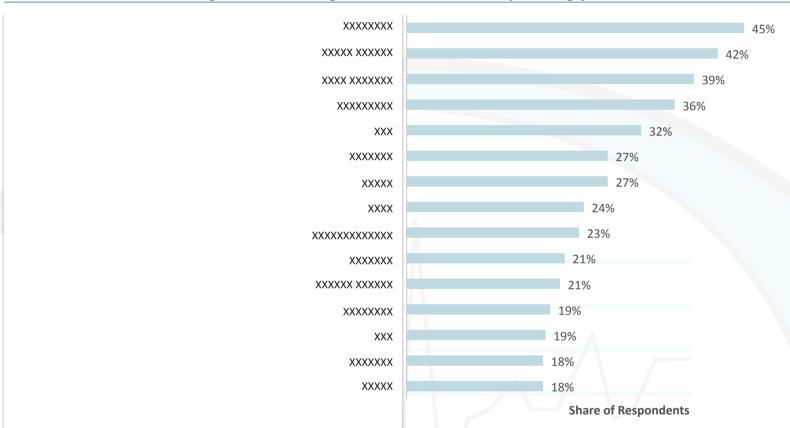
"XXXXXXXXX drives the system. They will go to XXXXXX not for a XXX but for a XXX, as they already did XXXXXX by themselves through apps, web or any other tool."

"Behavior is driven by XXXXX. Medical Facilities can drive this through XXXXXXXX etc."

"Health insurance agencies in 2016 will be driven towards XXXXXXXX as millions of users use smartphone mHealth apps to live healthier and try avoiding or at least delaying the use of healthcare coverage."

XXXXXXXXXXX is seen as the main driver for mHealth

What are the main driving forces for the growth of mHealth in upcoming years?



[&]quot;The mHealth environment has grown rapidly the last two years. It's great that the XXXXX and XXXXXXXXXX have been adopted from the XXXXXXXX. One year ago, the mHealth discussions was funny to follow. No the XXXXXXXX are brought into the discussions, and that's a turning point."

research2guidance: get in contact

Our Service Offerings

Reports and PowerPoint slide-sets

market insights on selected topics

Bespoke research

custom-made research for your individual needs

Knowledge center

a subscription to a wealth of data, analysis, profiles, and daily news and opinion

Consulting services

projects tailored to assist you in developing your mobile strategy

Contact us for



A one-on-one expert call with a research analyst for

- A personal 15-30 min. consultation
- Questions and answers about our research
- Matching your needs with our research services
 Write an email to expert@research2guidance.com



Direct web-shop access to our reports and PPTs

- Browse our research products
- Download immediately
- Easy payment (VISA; Master Card; PayPal)
 Visit www.research2guidance.com/shop



Additional information on

- Pricing
- Report Packages
- Custom made services and bespoke projects
 Call Sarah Barnard (+49 30 609893366)