

MH Application Interoperability Environmental Scan



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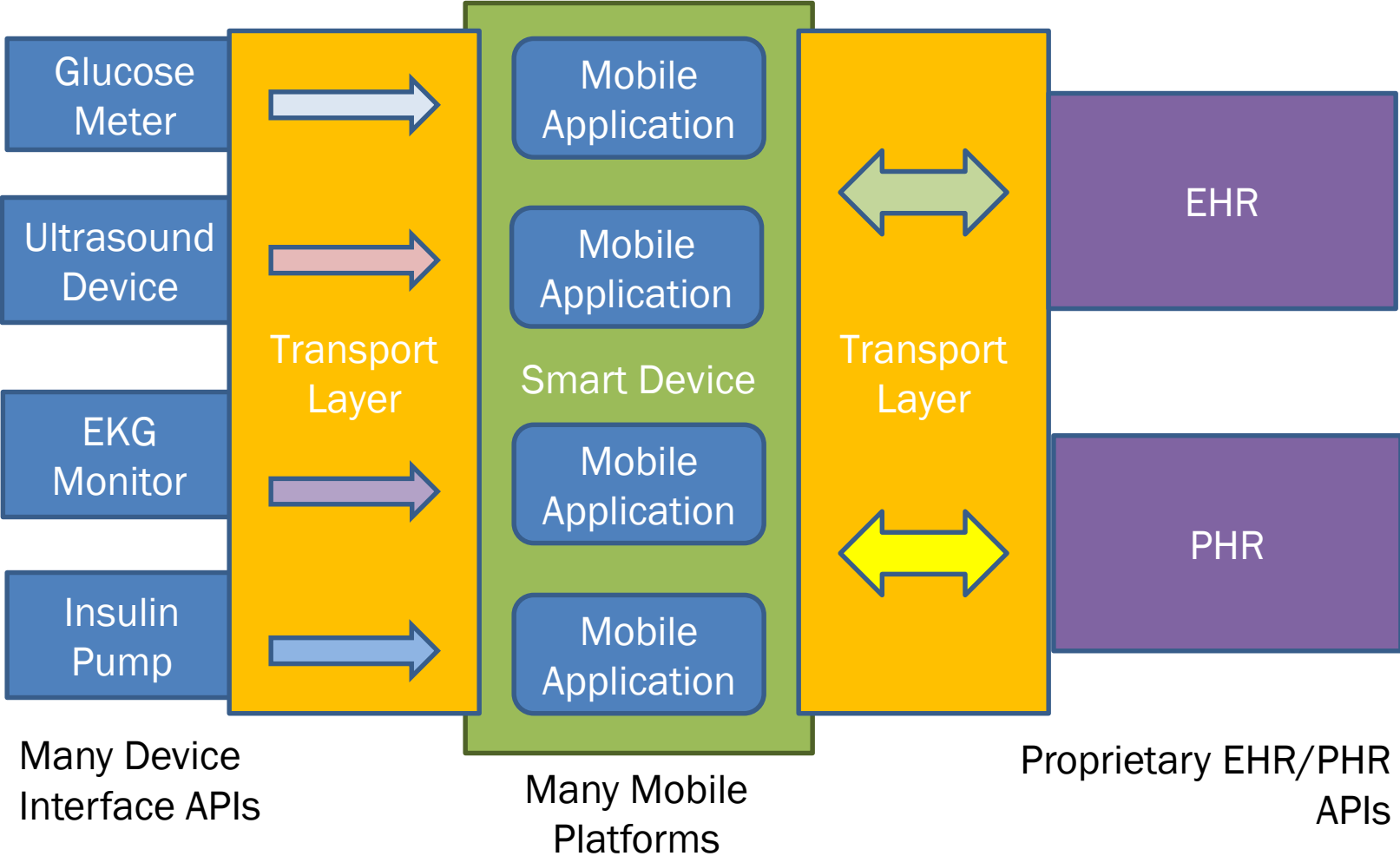
Mobile Healthcare Data Interoperability – Project Need

- Expansive wave of healthcare devices are coming to consumer market.
- Consumer healthcare devices used to capture and exchange medical data and events.
- Lack of common data standards for data exchange to support mobile application development.
- The project will identify the current state of device APIs.

Strategy

- The project will conduct an environmental literature survey of current APIs and standards
- Identify current state of healthcare device APIs.
- Identify current APIs for exchanging data with EHR and PHR systems.
- Project will leverage university students as a educational engagement opportunity.

Current State Mobile Health APIs



Electronic Survey Components

- Identify Products and Services (Offerings)
- Pertinent Capabilities
- Organization or Vendor Requirements

Recent Surveys

- Google Fit
- Apple Healthkit
- Smart on FHIR

Resources...

- Mobile Health Alliance

www.mhealthalliance.org/

- Continua Health Alliance

<http://www.continuaalliance.org/about-continua>

- PWC white paper – Touching lives through mobile health

www.pwc.com/in/en/assets/pdfs/telecom/gsma-pwc_mhealth_report.pdf

- Programmable Web

<http://www.programmableweb.com/>

MH Application Interoperability Environmental Scan - Update

- Meeting weekly Tuesday 4:30 – 5:30 pm EST.
- Created Survey Template
- Assessing Survey through trial assessment.
- Working with students to evaluate environmental survey template.

Mobile Health Friday Calls

Dates: Every Friday

Time: 11:00 AM Eastern U.S.

- Mobile Health Wiki page

http://wiki.hl7.org/index.php?title=Mobile_Health

THANK YOU!

- Questions?