eHealth Workshop – Oct 2014 Middlesex University, London (UK) http://tinyurl.com/ehealth2014



MHEALTH FRAMEWORK

Amalgamating and governing the fragmented market of big data mhealth applications spread across multiple platforms

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OVERVIEW

- Inspiration for the research
- Introduction
- Current Ecosystem
- Fourth Generation Data Processing
- Proposed Framework
- Using the app
- SDK Overview
- Conclusion
- References

INSPIRATION FOR THE RESEARCH





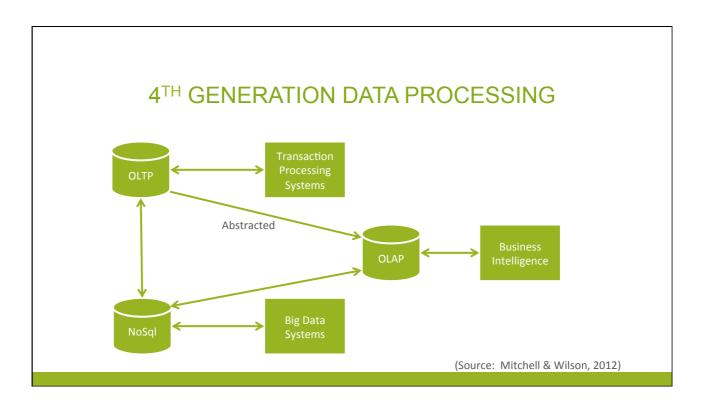


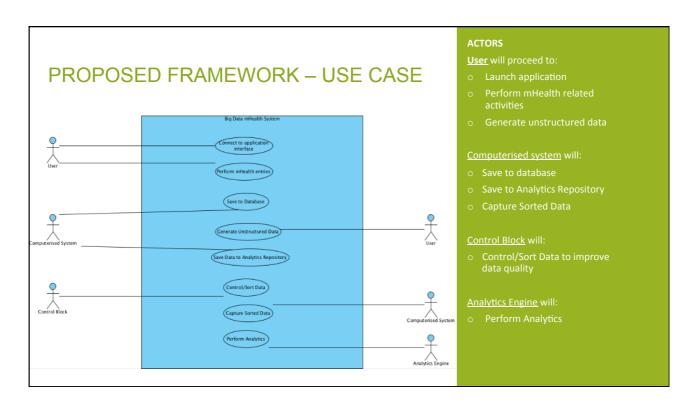


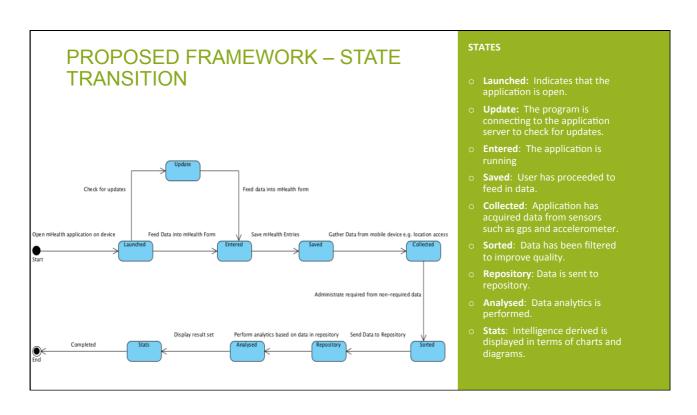
INTRODUCTION

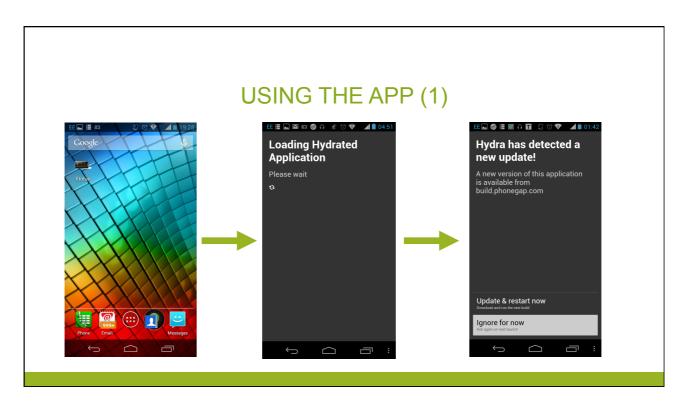
- mHealth: Healthcare related applications that are able to run on mobile devices such as tablets, smartphones, and wearable devices (Becker et al., 2014).
- Consumers have emerged as data generators, creating new data for analytics and generating new insight (Kumar et al., 2013).
- Big data is a set of techniques involved in processing large and complex datasets (Wu et al., 2014).
- Visual analytics is the analytical reasonoing aided by interactive visual interfaces and can be used in big data to drive new insights (Kamal et al., 2014).
- mHealth related applications are platform dependent and collected data is of poor quality (Hainey, 2013).

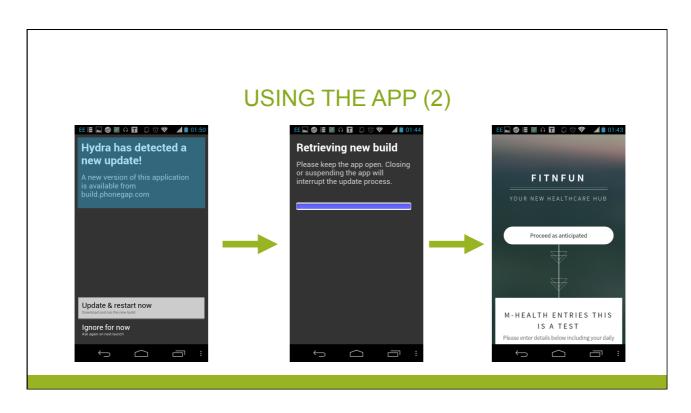




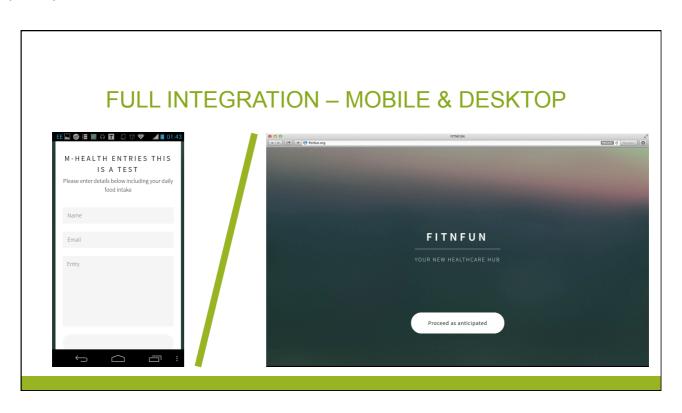


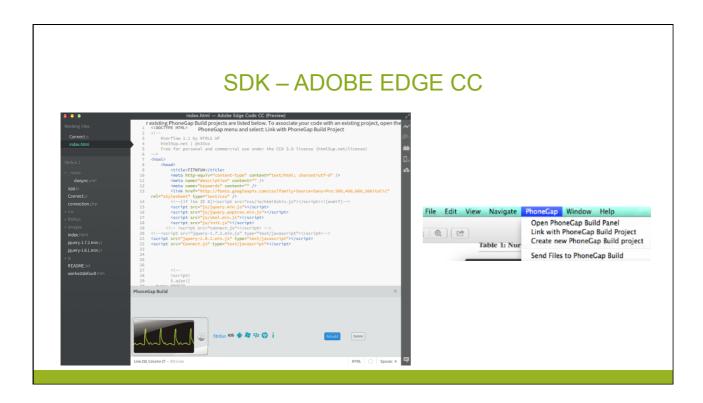






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CONCLUSION

- Data should remain within the EU (Poullet, 2006), how do we know where is our data located in the cloud?
- Does generated insight affect human behaviour? If so, how?
- Can visual and big data analytics yield to a better quality of insight generation?

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QUESTIONS THANK YOU