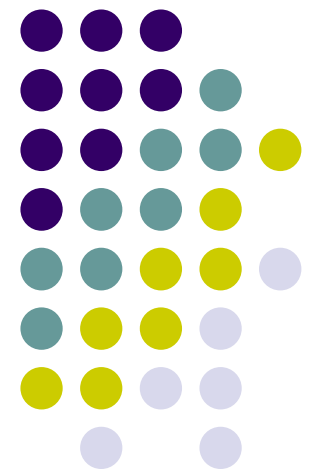


IMGD MQP Interests 2014-2015

Emmanuel Agu



Intelligent Health Apps



- Figure out:
 - Sleep, energy/activity levels, mood



**Exercise
Activity levels**

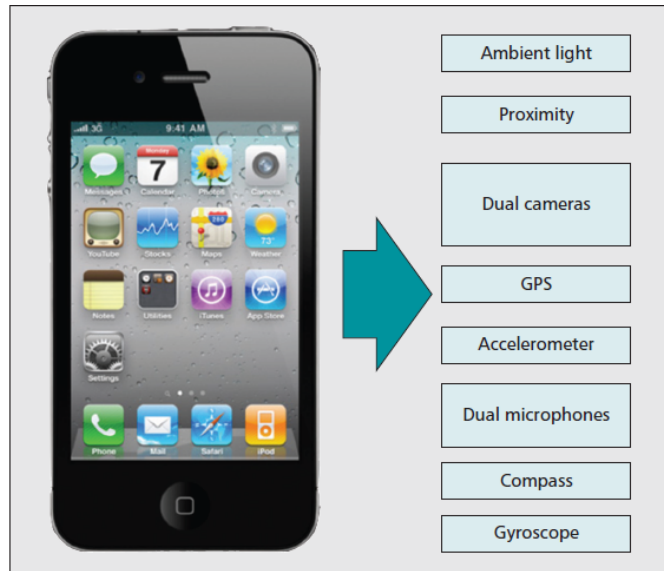


Sleep



Mood (happy, sad, etc)

Detect? How?



Wireless Trackers

- Fitbit, jawbone, etc

- Smartphone sensors/apps
 - Accelerometer, gyroscope, compass, GPS, microphone, camera, proximity sensor, temperature, barometer, etc

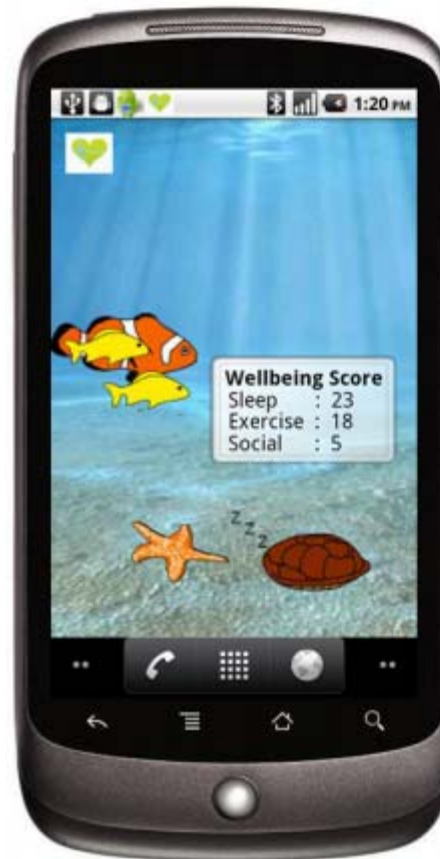


Smartwatch



Example: BeWell Application

- Avatars mimick owner
 - **Turtle:** Sleeps when owner lacks sleep
 - **Clown fish:** moves slowly if user lacks exercise
 - **School of fish:** Number depends on socialization





MQP Idea

- Creative avatar, character to mimick owner
 - sluggish/sleepy when owner undersleeps
 - Acts sad when owner is sad
 - Happy when owner is happy
 - Exaggerated big belly/explodes when owner overeats
- Clarification: MQP is only about creating this character, implementing sample on smartphone
- Will NOT get into gathering data, tracking, etc

Contact me

- If interested

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