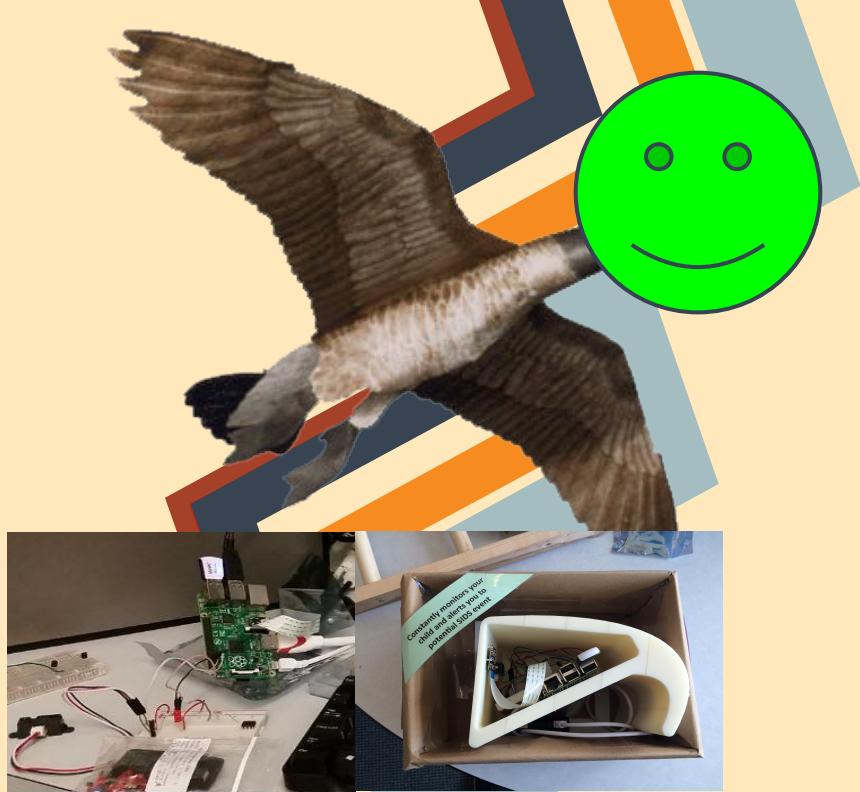


Team 2: Mother Goose Scrum 5

EK 691 Professor Rosen
April 30, 2015
Don Chen, Jesson Go, Molly Hester, Xuhui Li, Yihua Guan



Recap Progress of the Product

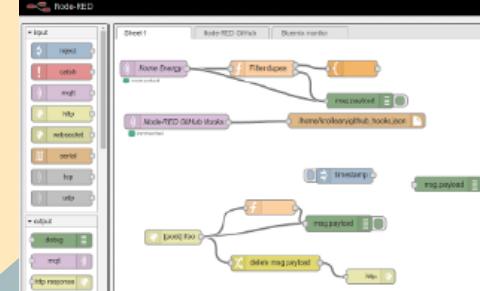
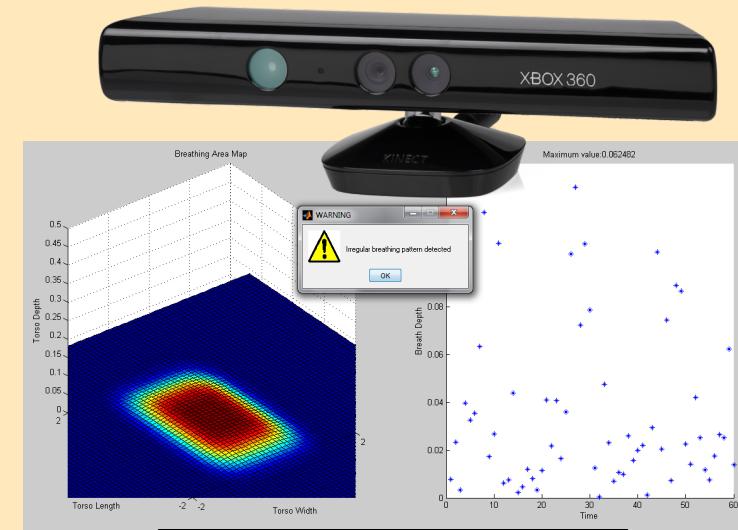
Scrum 1: Kinect (collect data)

Scrum 2: Computational Simulation (process data)

Scrum 3: Cloud Hosting Tools (remote access)

Scrum 4: Connecting all 3 stages together

Scrum 5: Bringing it all back to the customer



Demonstration

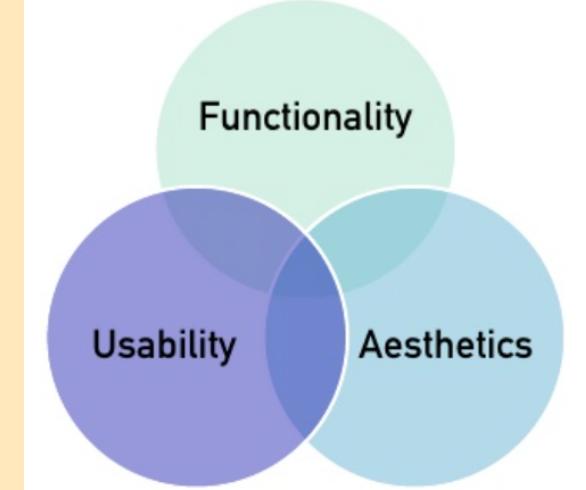
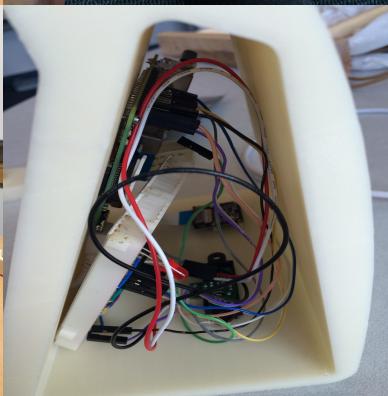
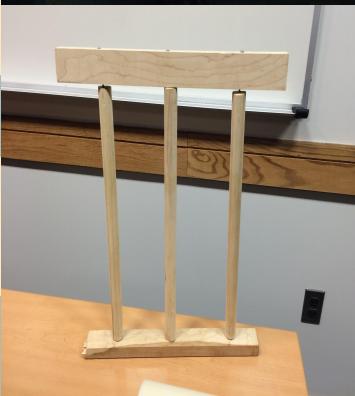
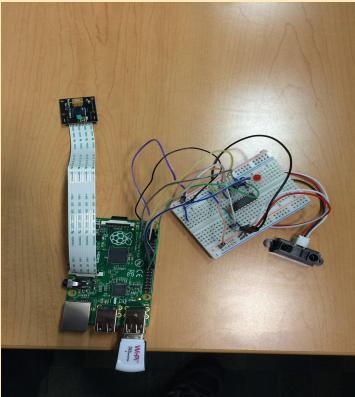
Sensor graphing

Proxy Web-based App:

<http://mgscrum.blogspot.com/>

SMS text reports (multiple numbers)

EPIC Mother Goose Team 1



Demonstration Stimulation

Regular messaging feature

http://youtu.be/-ig_SJnCLMo

Alert messaging feature

http://youtu.be/-ig_SJnCLMo

Customer Feedback

(After describing IR sensing) Do you think text alerts would be an attractive feature for you? Alternatively, if we had the time and resources there would be a single app that manages all alerts, the breathing monitor, and a live camera feed.

Parent A: “Wow! This is very cool. I'm...not tech guru or savvy... I just got on the FB acct in 2013. I prefer the phone call vs texting, but I can see how the text option is handy”

Parent B: “Yeah, text is good! And a phone app will be cool too. Everything that goes through the phone will be helpful since everybody can't live without their smartphones now.”

Material

‘Your niece would want to grab anything that she feels interest.’



Camouflage

Paint

Wood veneer



THEY SUSPECT NOTHING



CAMOUFLAGE

Just because you cannot see them



DAY 11: THE DOG
STILL THINKS I'M FUR

isCute.com



Eggcellent!

Customer Thanks



At beginning of project

I am worry about how your guys can finished this product. I cannot imaging how a sensor can detect breathing pattern and transfer to value data. It is really cool idea.

At end of project

I was shocked by this product. Now can knew my baby breathing pattern and got it from my smart phone. Very impressed

End of Scrum 4 Goals

Sensor Platform (Jesson): fine-tune data readout of the IR; try to integrate streaming data with camera stream into one webpage/web-app; automate RPi system

System (Don): Building the Cloud database, finished the large population prediction. Continuing assist Raspberry Pi Building.

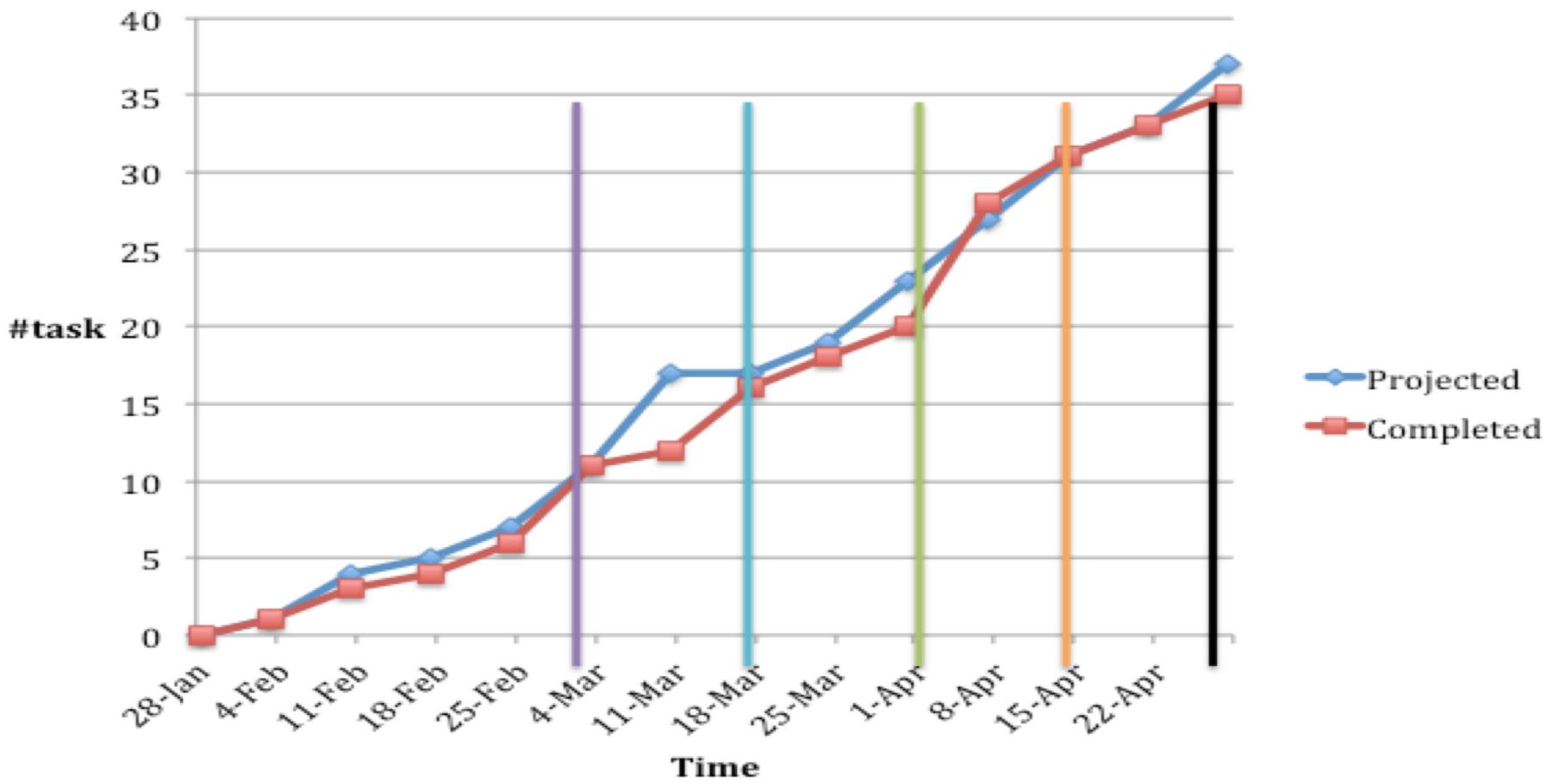
Material (Bruce): Continue the material research, try to determine the optimal material; Do the research of painting; Coordinate with other teammates

Mechanical (Molly & Gary): Use new sensor & microprocessor shape to reduce the size of product. Use new flexibility to create more portable product (from Customer Feedback)

Project Velocity

- Trello: <https://trello.com/b/Q1thhFPi/scrum-5>
- Degree of difficulty
- Velocity measurement: Base point multiple degree of difficulty

Burn up Chart Team2



Agile vs Orthodox

	Agile	Orthodox
Meeting Pattern	meeting everyday 21 outside class meeting in record,	Less outside meeting, meeting is long
Customer Feedbacks	Strong customer feedback with continuing update	A few or no feedback. Owner decide what customer want
Product Trend	Continuing adjust product by customer . Messaging feature added by customer needs	Less adjust product. Follow original plan.

Some thoughts about Agile

- Three questions: Share vision with teammates
- Empower people: Lean manufacturing, Quality control
- Get support: Daily meeting
- Create small wins and celebrate it
- Short term goal focused long term goal vision

Important take-home messages

- Changed some Scrum 5 goals midway to incorporate other feature that had better response from customers
- more opportunities for improvements, but focused on feedback and fast turnaround