

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: Bi • Blend

Question 1: Which component do you think will cost the most out of your design?

Question 2: Are there any failures that could be harmful if not prevented earlier
system

Team Name: Babyseaters.

Question 1: Why only after 2008 for first product what is the limiting factor and how does your product get around this constraint

Question 2: The weight of the Arduino system? To carry around this will be heavy. Will this be wireless?

Team Name: Step Tech

Question 1: How do you doing the haptic? Also if the player is engaged in "stealth mode" will this foot sound turn off as well? If you plan to add the gravel sound as well.

Question 2: Why only 10% for gaming enthusiasts? The smallest market share? Wouldn't these be the most willing to purchase such a product?

Team Name: Wireless Neural Recorder

Question 1: Was the title of the presentation covering the bottom words purposeful?
- It covered key information

Question 2: Reliability? Are there any warning sounds or safety features if the device is disconnected or out of battery?

Team Name: _____

Question 1:

Question 2:

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: Baby Seater

Question 1: If the baby is left unattended for a few seconds, such as when a guardian forgets something inside the home, will your device know that this is not a risky situation.

Question 2: Will parents be ok with a text being sent to 911?

Team Name: Step Tech

Question 1: How much do you hope to incorporate haptic feedback? Differentiating between gravel and sand may be difficult.

Question 2: Are gaming enthusiasts part of the other segments, like E-Sports Players and Fans?

Team Name: Hippo Riders

Question 1: Do you think that some benefits may be attributed to interactions with horses, and if so, have you thought of ways to incorporate this.

Question 2: If this is sold at a household scale, would there be a person responsible for controlling the device?

Team Name: Wireless Neural Recorder

Question 1: What is the market share you expect to capture with your device?

Question 2: ~~How much charging does do electrical~~
Do multiple battery packs make more sense for the longevity of the device? ~~How~~

Team Name: _____

Question 1:

Question 2:

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: Team Compost

Question 1: How does the generator fit in with other under the cabinet features.

Question 2: How will multi-family units work?

Team Name: Team Babysitters

Question 1: Would the ^{device be} child-proof?

Question 2: What sort of government regulations might be imposed for the auxiliary device?

Team Name: Team Hippo

Question 1: What special concerns do you have for home use?

Question 2: How is this product going to be sold? Through hospitals/therapists?

Team Name: Wireless Neural Recorder

Question 1: What would the implant process be like?

Question 2: How long does the device last?

Team Name: _____

Question 1:

Question 2:

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: Compost

Question 1: How will your system handle mistreatment?
For instance, pouring a bottle of vinegar could throw off the pH of the slush.

Question 2: Is there a storage tank somewhere? That all seems really inconvenient to the user for something that takes 4.5 years to pay off.

Team Name: Baby seaters

Question 1: What will you use for power? Batteries could die, but so could the car's battery.

Question 2: Why Arduino? There are better options.

Team Name: Hippo Riders

Question 1: Have you considered incorporating a VR headset?

Question 2: Will it look like a horse or be more compact?

Team Name: Wireless Neural Recorder

Question 1: Will you consider possible side-effects of putting a wireless transmitter next to an epileptic brain?

Question 2: Can the antenna be sticking out of your head like a robot?

Team Name: _____

Question 1:

Question 2:

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: (Com) post-haste

Question 1: Will you guys be working and living in Europe?



Question 2: Is there any potential hazards if people throw away food they aren't supposed to?

Team Name: Babyseaters

Question 1: Wouldn't the passive cooling pad reach the car temperature after a short period of time?

Question 2: How are there 3 times as many car seats sold per year than there are births?

Team Name: Hippo Riders

Question 1: Will there be different sizes of the hippo device?

Question 2: Is the device meant for personal use or medical office use?

Team Name: Wireless Neural Recorder

Question 1: Will the patients have to go through surgery to implant the device?

Question 2: Will there be different sizes for different head sizes or will it be one size fit all?

Team Name: _____

Question 1:

Question 2:

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: Baby seaters

Question 1: How does pressure sensor differentiate between the weight of a child and the weight of a bag of flour?

Question 2: more than 10 phone numbers? → how many do you want?
1 hr battery life seems short → what is target battery life? (ideal)

Team Name: Step Tech

Question 1: What are your plans for haptic feedback?
What currently is used?

Question 2: Very cool project. How do you plan on testing needed intensity of haptic feedback?

Team Name: Hippo Riders

Question 1: Who is the purchaser - patients?

Question 2: What weight / stresses do you think your device will need to handle.

Team Name: Wireless Neural Recorder

Question 1: What is estimated share of market value of \$300 million?

Question 2: 4mm x 4mm seems much smaller than the other devices. Is this a reasonable target value?

Team Name: _____

Question 1:

Question 2:

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: (com) post-haste

Question 1:

What do the input resources cost (pH balancer, water)?
Will this affect the rate of return?

Question 2:

Will users be required to monitor the acid/base additive levels.

Team Name: Team Babysitters

Question 1:

How are you going to cool the baby?

Question 2:

How long will that cooling last?

Team Name: Step Tech

Question 1:

How exactly will haptic technology be used?

Question 2:

Will you be physically altering the texture of the tablet?

Team Name: _____

Question 1:

Question 2:

Team Name: Wireless Neuro recorder

Question 1:

How well will you fit a battery and wireless transmitter in such a small package?

Question 2:

How much do you anticipate the device costing?

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: Baby Seatlers

Question 1: How does the ^{brick} cooling system get re solidified?

Question 2: What are some ideas for making the seat lighter weight?

Team Name: StepTech

Question 1: ~~How~~ What types of exergames could work with the Omni?

Question 2: Is there a way to immerse the audience too?

Team Name: Hippo Riders

Question 1: How much of Hippo therapy improvements are due to the live animal and how much is due to the saw movements?

Question 2: Are clinics going to buy this or individual users?

Team Name: ~~Externey~~ Wireless Neural Recorder

Question 1: Where will the battery go? Is it all fitting under the skin?

Question 2: How long do you expect the life time of the product to be?

Team Name: _____

Question 1:

Question 2:

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: Baby seaters

Question 1: Is there a way to set a specific time period after which certain numbers will be called/texted? For example, a way for the system to alert the first two numbers (maybe the parents) after 10 min, and if there is no response within an acceptable time range (~20 min?), then dial/text all, and/or other numbers.

Question 2: How do the costs of a more comfortable cooling system compare to the current "brick"?

Team Name: Step Tech

Question 1: How will you determine the maximum acceptable level of intensity?

Question 2: How did you come up with values for how much market segments are willing to pay?

Team Name: Hippo Riders

Question 1: Are there other groups currently working on creating hippotherapy devices? How do their costs/benefits compare to your solution?

Question 2: What is the specific range of cost you had in mind for your device? Where can you cut costs? (\$1500)

Team Name: Wireless Neural Recorder

Question 1: What percent of the market share are you assuming (will purchase your product)?

Question 2: Will the device be storing real-time data or directly transmitting the data as it receives it?

Team Name: _____

Question 1:

Question 2:

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: (Com) post-haste

Question 1: What inputs would the user need to provide outside of food waste? (acids/bases for pH balancing?)

Question 2: How large do you expect the bioiland to be?

Team Name: Team Babysitters

Question 1: Will you have different levels of alerts depending on the time/temp? (Or will all be called immediately)

Question 2: Why would you need to alert more than 10 ppl?

Team Name: Hippo Riders

Question 1: How big do you expect the device to be?

Question 2: What kind of battery life do you hope to achieve?

Team Name: Wireless Neural Recorder

Question 1: What are you communicating ~~to~~ wirelessly?

Question 2: Will wireless comm. work both ways? (Can you disable the device w/o removing the battery).

Team Name: _____

Question 1:

Question 2:

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: (com)post haste

Question 1: Do you expect any maintenance costs?

Question 2: Are there any specific harmful gasses you will have to provide safety for?

Team Name: Team Babyitters

Question 1: How do you prevent the passive cooling from starting, when there is no baby?

Question 2: Are there more comfortable alternatives than the brick?

Team Name: Immersion

Question 1: How do you plan on imitating sand, gravel surfaces?

Question 2: How does the player know their own health?

Team Name: Wireless Neural Recorder

Question 1: Would perspiration affect your product?

Question 2: How often would you have to change battery due to degradation?

Team Name: _____

Question 1:

Question 2:

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: (com)post-haste

Question 1: How does the textile Bio-gas generator improve upon previous generators?

Question 2: Does the user need to do anything to actually utilize the biogas?

Team Name: Step Tech

Question 1: How does the Omni deal w/ different sizes of people?

Question 2: Will these feedbacks be included into all omni devices? Isn't that more \$ for people who don't care about audience enjoyment?

Team Name: Team Hippo Riders

Question 1: Why do you think it has hit it off in Europe, but not the U.S.

Question 2: Any information on the Racewoods horse for the disabled?

Team Name: Wireless Neural Recorder

Question 1: How hot do cells need to get before harmful effects begin?

Question 2: How effective are these devices?

Team Name: _____

Question 1:

Question 2:

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: Bio (Can) Prost - Ute

Question 1: How will the device be integrated into the suit/couster?

Question 2: How will the bio-sensor be used immediately after ^{being} stored?

Team Name: Step Tech

Question 1: When do you plan to use haptic feedback to resemble different terrains when the user can tell the difference?

Question 2: Could this device calibrate to other users, full ranges of motion by allowing the user to run + climb and ~~swim~~ swim around?

Team Name: Hippo Probot

Question 1: How do you plan to ~~model~~ ^{simulate} harness motion. Running/walking?

Question 2: Will this device only be accessible to clinics or can this be purchased individually and be able to be at home and used?

Team Name: Wireless Neural Recorder

Question 1: Will the device be dependent on the wireless signal that is available? What if the wireless signal has lag or is unreliable?

Question 2: Does the device affect the neural activity in the brain?

Team Name: _____

Question 1:

Question 2:

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: (com)post-haste

Question 1: How will the system adjust pH?

Question 2: How dependent will user interface be on app?

Team Name: Step Tech

Question 1: Have you considered possible safety risks for the user? Seizures, Epilepsy, etc.

Question 2: Could this system possibly help in therapy for those w/ neurological problems?

Team Name: Hippo Riders

Question 1: How will the simulator be powered?

Question 2: Is there any maintenance required?

Team Name: Wireless Neural Recorder

Question 1: What will be done to prevent a power surge?

Question 2: What will be done in the case that the data transmission is interrupted?

Team Name: _____

Question 1:

Question 2:

DURING the presentation, each student is to write down ATLEAST 2 questions that they would like to ask each presenting group. These will be distributed to teams

Team Name: (Com) Post Haste

Question 1: What kind of baggas is produced and how safe is it?

Question 2: Are there any safeguards against misuse?

Team Name: Stop Tech

Question 1: Is ~~your~~ system only available for ~~the~~ games?
Shooting

Question 2: Is the harness adjustable per person's size?

Team Name: Hippo riders

Question 1: Why are services so expensive?

Question 2: How does the system help with autism?

Team Name: wireless neural recorder (winner?)

Question 1: How do you ensure that the likelihood of malfunction is reduced?

Question 2: Is the risk of malfunction worth the use of the product?

Team Name: _____

Question 1:

Question 2:

Proposal Presentation -- Assessment

Team Name: *Wired & Nerveless*

Technical Content

	Not Acceptable	Average	Excellent
1. Explained motivation for design	1	2	3 4 5
2. Summarized scope of design problem	1	2	3 4 5
3. Presented market analysis	1	2	3 4 5 <i>organized 1,2,3</i>
4. Presented customer needs analysis	1	2	3 4 5
5. Presented target specifications	1	2	3 4 5
6. Presented mission statement	1	2	3 4 5

Visuals or Slide Design

	Not Acceptable	Average	Excellent
1. Visual appeal of slides	1	2	3 4 5
2. Quality of graphs, figures and tables	1	2	3 4 5
3. Clear, concise supporting text	1	2	3 4 5

Organization of Presentation

	Not Acceptable	Average	Excellent
1. Summarized scope of talk at the beginning	1	2	3 4 5
2. Communicated purpose of presentation	1	2	3 4 5
3. Appropriate tone for audience	1	2	3 4 5
4. Organization of content	1	2	3 4 5
5. Finished with a convincing conclusion	1	2	3 4 5

Oral Presentation Quality

	Not Acceptable	Average	Excellent
1. Team's confidence and enthusiasm	1	2	3 4 5
2. Team's control of Q&A and quality of responses	1	2	3 4 5
3. Presentation length	1	2	3 4 5

Individual Assessment

Mark X in areas that are AVG. or BELOW AVG.

3 1 - 2

- Name:
- Julian Gao*
 - Thomas Lin*
 - Kim Huang*
 - Stephan Kim*
 -
 -

Individual Presentation Score: (1-5 as above)

1
4
3
3

Well Pr	Eye Co	Voice Q	Body L	Questions
			X	

Comments: *If this was implant series testing at classroom impl. (post-implant)*

One thing the group did particularly well: *they sound really on top of the technical side already.*

One thing that could be improved: *the verbal analysis slides could be reorganized to be much easier to follow.*

Proposal Presentation -- Assessment

Team Name: Wireless Recorder

Technical Content

	Not Acceptable	Average	Average	Average	Excellent
1. Explained motivation for design	1	2	3	4	5
2. Summarized scope of design problem	1	2	3	4	5
3. Presented market analysis	1	2	3	4	5
4. Presented customer needs analysis	1	2	3	4	5
5. Presented target specifications	1	2	3	4	5
6. Presented mission statement	1	2	3	4	5

Visuals or Slide Design

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Organization of Presentation

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3. Appropriate tone for audience	1	2	3	4	5
4. Organization of content	1	2	3	4	5
5. Finished with a convincing conclusion	1	2	3	4	5

Oral Presentation Quality

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1. Team's confidence and enthusiasm	1	2	3	4	5
2. Team's control of Q&A and quality of responses	1	2	3	4	5
3. Presentation length	1	2	3	4	5

Individual Assessment

Mark X in areas that are AVG. or BELOW AVG.

Name: 1. <u>Alan Gao</u> 2. <u>Tim Kai</u> 3. <u>Kim Ho-yang</u> 4. <u>Stephan</u> 5. _____ 6. _____	Individual Presentation Score: (1-5 as above)	<table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="padding: 2px;">Well Pr</th> <th style="padding: 2px;">Eye Co</th> <th style="padding: 2px;">Voice Q</th> <th style="padding: 2px;">Body L</th> <th style="padding: 2px;">Questions</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Well Pr	Eye Co	Voice Q	Body L	Questions																														
Well Pr	Eye Co	Voice Q	Body L	Questions																																	

Comments: _____

One thing the group did particularly well: PowerPoint Really Easy to look

One thing that could be improved: _____

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Team Name: Progas compost - hacte

Question 1: ~~What's the size of the system~~, would it be a problem for family with a limited kitchen size? How to reach the number 0.1 m³?

Question 2: Is there a safety issue with the gas?

Team Name: Babyseaters

Question 1: In cold area, temperature can be too lower than safety range?

Question 2: How long does it take for the system ^{to respond its} baby in danger? Distinguish between real danger and present time for a sec or gas station.

Team Name: Hippo Riders

Question 1: How would device deal with the wind effect the patient see

Question 2: It's hard to generate complete random ^{is this non} motion. Is there a large period from of motion?

Team Name: Wireless Recorder

Question 1: Does this require microsurgery to implant?

Question 2: How to achieve wireless? Is WIFI the way to connect device with server?

Team Name: _____

Question 1:

Question 2: