

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 the product automatically separate bio-waste from toxins, and get rid of toxins?  
Diagram of system doesn't show another pipe to get rid of toxins, everything goes into generator.

Question 2: How will the biogas generator work? The bacteria was only mentioned briefly towards the end.

Team Name: Omni Sleptech

Question 1: How did the \$1600 number for willingness to pay come about?

Question 2: How will you provide 3D video? Integrated into device or room?

Team Name: Hippo Riders

Question 1: Do you see this as a device that can turn into a company offering future iterations?

Question 2: What makes this therapy better than other therapy devices that don't require animals? Do you have more sources?

Team Name: \_\_\_\_\_

Question 1:

Question 2:

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: 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: Compost

Question 1: When you mention that there ~~are~~ are ~~implications~~ harmful implications with burying food sludge, what are those issues? They were never brought up during the presentation and why ~~they are~~ that is not an acceptable solution.

Question 2: From the description of the product, ~~it is not clear~~ like the development of a user app, there is some power consumption. Does the amount of energy generated offset this cost?

Team Name: Babyseaters

Question 1: You mentioned that the data storage for the seat is limited on Arduino. There are other options, have you looked into this? There are ~~options that~~ are also other methods/~~for~~ program designs that should enable you to have a longer battery life (Why is the battery life for only 1 hour? It seems a little low).

Question 2: How will you cool the baby? This was not made clear during the presentation, as only one option was given and it does not seem to be sufficient.

Team Name: Omni/Immersive/Step Tech

Question 1: For customer needs like 3D Audio and Haptic Feedback, how will you measure how well you are meeting these needs? There were no metrics provided for some of these specifications.

Question 2: You focus mainly on providing feedback to the user, but I also believe that creating an immersive experience involves taking in different types of user input, like voice, not just motion. Will you guys address this?

Team Name: Hippo Riders

Question 1: You mentioned competing products. What do they provide in relation to what your goals are? What do they have that your goals do not consider?

Question 2: You mention your ~~two~~ many devices your device will solve the main issue of irregularity, so how do you propose to solve this ~~if~~ aside from the degrees of freedom mentioned.

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: Babyseaters

Question 1: How are you going to know that the driver is about to leave the child behind and set off the lights?

• Can you text 911?

Question 2: Will you be able to carry the product through the airport?

• What is the average weight of current baby carriers?

Team Name: Step Tec

Question 1: Do you think people will want an audience while they play?

Do you expect the purchasing to drop off after the first year?

1.2 B?  
\$10M/yr?

Question 2:

Did you look at how many of the 1.2 billion users go to high end arcades?

Team Name: Hippo Riders

Question 1: Do you expect users or clinics to buy this?

Question 2: Do you plan to offer multiple "types" of rides?

Team Name: Epilepsy Group

Question 1: Do you expect to make \$300 M per year with this device

Question 2: How can you create a 24 hour battery with something so small (would it be better to just have an external power source)?

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: 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?  
1hr 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:

**Proposal Presentation -- Assessment**

Team Name: *Step Tech*

Technical Content

1. Explained motivation for design
2. Summarized scope of design problem
3. Presented market analysis
4. Presented customer needs analysis
5. Presented target specifications
6. Presented mission statement

	Not Acceptable	Average	Excellent
1	2	3	4 5
1	2	3	4 5
1	2	3	4 5
1	2	3	4 5
1	2	3	4 5
1	2	3	4 5

Visuals or Slide Design

1. Visual appeal of slides
2. Quality of graphs, figures and tables
3. Clear, concise supporting text

	Not Acceptable	Average	Excellent
1	2	3	4 5
1	2	3	4 5
1	2	3	4 5

Organization of Presentation

1. Summarized scope of talk at the beginning
2. Communicated purpose of presentation
3. Appropriate tone for audience
4. Organization of content
5. Finished with a convincing conclusion

	Not Acceptable	Average	Excellent
1	2	3	4 5
1	2	3	4 5
1	2	3	4 5
1	2	3	4 5
1	2	3	4 5

Oral Presentation Quality

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

	Not Acceptable	Average	Excellent
1	2	3	4 5
1	2	3	4 5
1	2	3	4 5

Individual Assessment

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

- Name:
1. Sarah
  2. Cheng
  3. Eric
  4. Paul
  5. Tyler
  6. Tam

Individual Presentation Score: (1-5 as above)

4
2
5
5
5
4

Well Pr	Eye Co	Voice Q	Body L	Questions
X	X			

Comments: \_\_\_\_\_

One thing the group did particularly well: organization

One thing that could be improved: slide quality - too basic

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?

**Proposal Presentation -- Assessment**

Team Name: StepTech

Technical Content

1. Explained motivation for design
2. Summarized scope of design problem
3. Presented market analysis
4. Presented customer needs analysis
5. Presented target specifications
6. Presented mission statement

	Not Acceptable	Average	Excellent
1	2	3	4
1	2	3	4
1	2	3	4
1	2	3	4
1	2	3	4
1	2	3	4

Visuals or Slide Design

1. Visual appeal of slides
2. Quality of graphs, figures and tables
3. Clear, concise supporting text

	Not Acceptable	Average	Excellent
1	2	3	4
1	2	3	4
1	2	3	4

Organization of Presentation

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5. Finished with a convincing conclusion

	Not Acceptable	Average	Excellent
1	2	3	4
1	2	3	4
1	2	3	4
1	2	3	4
1	2	3	4

Oral Presentation Quality

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

	Not Acceptable	Average	Excellent
1	2	3	4
1	2	3	4
1	2	3	4

Individual Assessment

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

- Name:
1. Sarah
  2. Eric
  3. Eric Cheng
  4. Paul
  5. Tim
  6. Tyler

Individual Presentation Score: (1-5 as above)

1. 5
2. 5
3. 3
4. 5
5. 4
6. 5

Well Pr	Eye Co	Voice Q	Body L	Questions
5	5	4	5	4
5	5	4	4	-
4	3	3	4	-
5	5	5	4	-
5	4	3	3	-
5	5	5	4	5

Comments:

One thing the group did particularly well: The conclusion wrapped everything up well

One thing that could be improved: The slides could be a little more exciting, if felt a little long

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 <sup>brick</sup> 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 Hippotherapy 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:

**Proposal Presentation -- Assessment**

Team Name: Skp tech

Technical Content

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

Visuals or Slide Design

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

Organization of Presentation

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

Oral Presentation Quality

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

Individual Assessment

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

- Name:
- Sarah
  - Eriz
  - pam
  - cheng
  - Tan
  - Tyler

Individual Presentation Score: (1-5 as above)

	Well Pr	Eye Co	Voice Q	Body L	Questions
1. Sarah	J	J	J	<u>5</u>	-
2. Eriz	J	J	J	4	-
3. pam	J	J	J	J	-
4. cheng	<del>J</del>	J	4	4	-
5. Tan	J	3	J	J	-
6. Tyler	J	J	4	J	J

Comments:

One thing the group did particularly well: The presentation was easy to follow

One thing that could be improved: voice quality and body language

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: \_\_\_\_\_

Question 1: How do the useful byproducts benefit ~~customers~~ (customers directly)?

Question 2: ~~What~~ How often are some of the

Team Name: Baby Seats

Question 1: Which wireless protocol does this system use?

Question 2: ~~What~~ If the battery life is only 1 hour, does that mean that the car seat has to be constantly plugged into a power source?

Team Name: Step Tech

Question 1: ~~How~~ How do you simulate different features?

Question 2: Is there effort for different consoles?

Team Name: Hippo Rides

Question 1: How would you measure (quantify) how accurate the product reflects animal house motion?

Question 2: Is irregularities generated randomly?

Team Name: \_\_\_\_\_

Question 1:

Question 2:

**Proposal Presentation -- Assessment**

Team Name: Step Tech

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
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.

- Name:
- Sarah Hernandez
  - Eric
  - Paul
  - Chery
  - Tim
  - Tyler

Individual Presentation Score: (1-5 as above)

Well	Pr	Eye	Co	Voice	Q	Body	L	Questions
4		3		5		3		
4		4		4		5		
5		4		5		4		
3		5		3		3		
4		3		3		5		
4		4		4		3		

Comments: Level of enthusiasm could be increased - it's a really exciting technology!

One thing the group did particularly well: Explained their goal clearly. Answered questions well.

One thing that could be improved: Make presentation more visually pleasing.

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 <sup>time</sup> 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:

**Proposal Presentation -- Assessment**

Team Name: Immersion

**Technical Content**

1. Explained motivation for design
2. Summarized scope of design problem
3. Presented market analysis
4. Presented customer needs analysis
5. Presented target specifications
6. Presented mission statement

	Not Acceptable	Average		Excellent
1	2	3	4	5
1	2	3	4	5
1	2	3	4	5
1	2	3	4	5
1	2	3	4	5

**Visuals or Slide Design**

1. Visual appeal of slides
2. Quality of graphs, figures and tables
3. Clear, concise supporting text

	Not Acceptable	Average	Excellent
1	2	3	4
1	2	3	4
1	2	3	4

**Organization of Presentation**

1. Summarized scope of talk at the beginning
2. Communicated purpose of presentation
3. Appropriate tone for audience
4. Organization of content
5. Finished with a convincing conclusion

	Not Acceptable	Average	Excellent
1	2	3	4
1	2	3	4
1	2	3	4
1	2	3	4

**Oral Presentation Quality**

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

	Not Acceptable	Average	Excellent
1	2	3	4
1	2	3	4
1	2	3	4

**Individual Assessment**

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

- Name:
1. Cheng Li
  2. Tyler Taldone
  3. Paul Rohnway
  4. Tam Vu
  5. Sarah Hernandez
  6. Eric Miller

Individual Presentation Score: (1-5 as above)

2
4
5
4
4
3

Well	Pr	Eye	Co	Voice	Q	Body	L	Questions
		X						
		X						
						X		

Comments: \_\_\_\_\_

One thing the group did particularly well: The content and flow is great

One thing that could be improved: Just need to improve presentation and add some enthusiasm.

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/courtesy?

Question 2: How will the bio-sensor be used immediately after <sup>being</sup> 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 accommodate to other uses, 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~~ <sup>simulate</sup> handle 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 connections or 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:

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: What will be people's reaction? Babysitters

Question 1:

What will be people's reaction to an auditory signal once the car is turned off?

Question 2:

~~What will be the failsafe~~ Would it make sense to send a first round of texts and if nobody replies then call 911?

Team Name: Step Tech

Question 1:

How will you ensure that the device does not injure the user with the harness?

Question 2:

Is there any other training that can be physically simulated that are not military?

Team Name: \_\_\_\_\_

Question 1:

To what extent are the benefits of hypotherapy due to interacting with an animal?

Question 2:

Team Name: \_\_\_\_\_

Question 1:

Will the patients stay within the room for the 5 or 6 days?

Question 2:

Where will the microcontroller be ~~located~~ located?

Team Name: \_\_\_\_\_

Question 1:

Question 2: