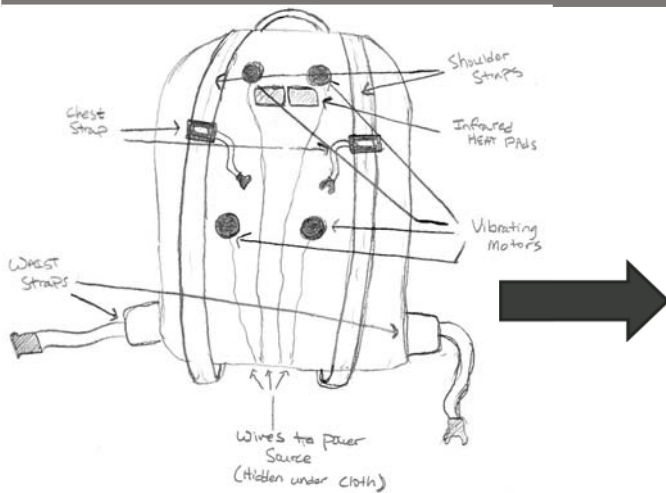


Massaging Backpack



The First and Only Stress Relieving Backpack!

Our goal was to revolutionize the backpack world by creating the most comfortable and soothing backpack in the market that relieves the stress an everyday student feels on his or her back. After years and years of testing, we have successfully developed a backpack that combines comfort, massaging vibration motors, and infrared heating. This perfectly constructed combination provides the user with pulsating relief to the normal pains of daily life. We assure you that this is the most innovative and comfortable backpack to date. Our backpacks are currently flying off the shelves so buy one while you still can!

Only \$79.99

(while supplies last)

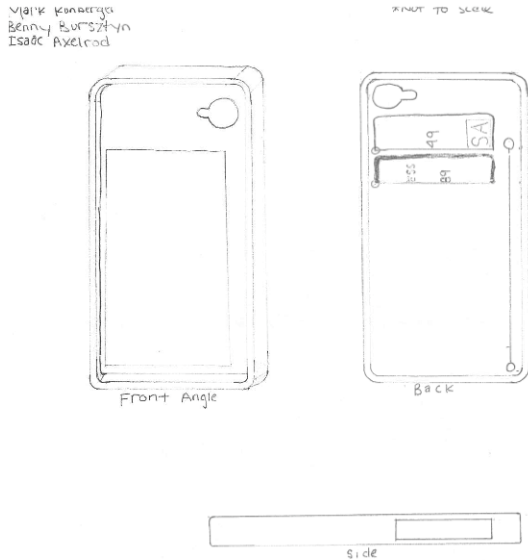
Group 2

Goguen, Lekos, Priebe

Team 3: iPhone All-in-One Case

By: Isaac Axelrod, Mark Kunberger, Benny Bursztyn

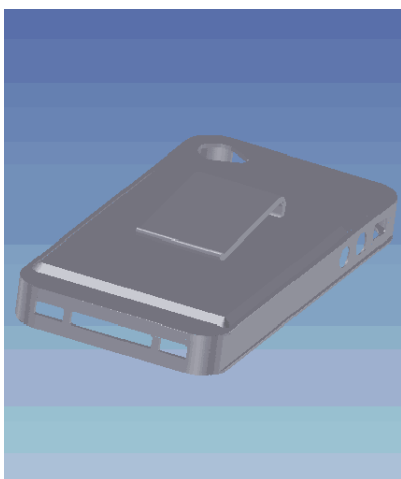
Goal: Our goal was to create a product that could be used by a wide range of different people, that combined multiple different products into one compact product.



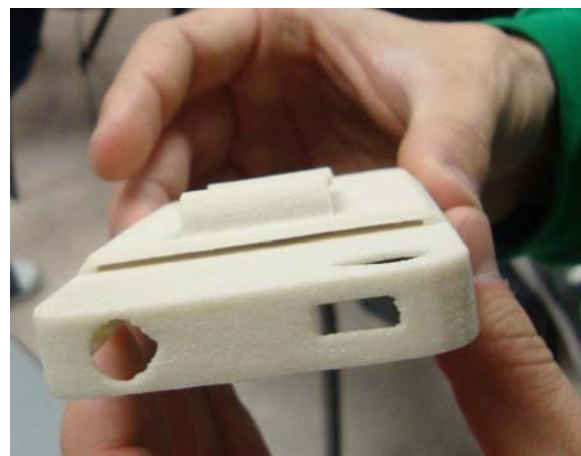
1) Idea Sketch



2) Existing Similar Product



3) IronCAD Design



4) Built Physical Model

6:25 AM

5:20 AM

6:45 AM

7:10 AM

TIRED OF YOUR ROOMMATE
WAKING YOU UP
TOO EARLY?

SHAKE HIM AWAKE

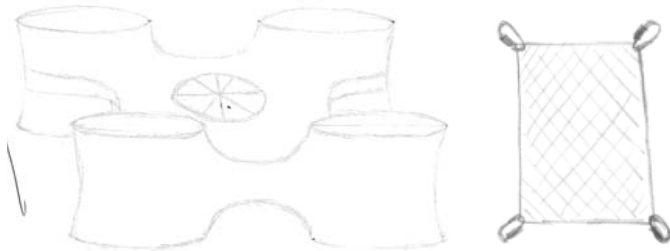
WITH THE VIBRATING MATTRESS ALARM CLOCK

Wake up silently! Won't wake up your roommates
More reliable than a traditional alarm clock

Team 5: Personal Cooling Pad

By: Christina Sinner, Michael Benzimra, Bionka Chi

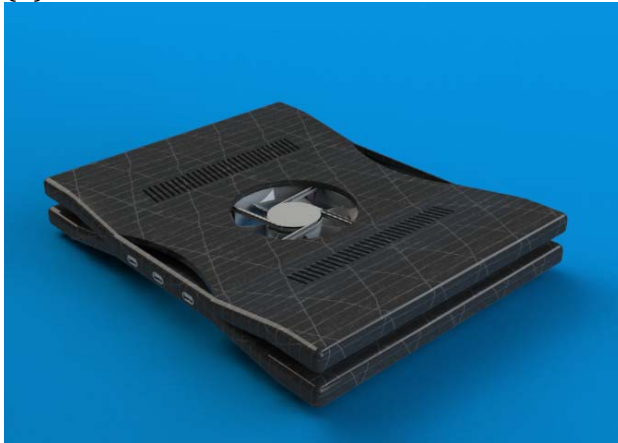
Goal: Cooling for all - Create a personal cooling pad that can cool both a student and his or her laptop.



(1) Idea Sketches



(2) Existing Similar Product Disassembly



(3) CAD Model Design



(4) Built Functional Prototype:



SHAKE AWAKE

- Do you wake up every morning to your roommate's alarm clock?
- Are you sick of being woken up when your spouse goes to work?

You're in luck!

Come Friday, December 3rd to see the Shake Awake! A vibrating alarm clock that is the solution to all of your problems!



[Type text]

Team 6: Chiraag Dodhia, Charlie Neville, Alvin King Ting Ma

Team 7: Cooling Patio Umbrella

By: Pradyumn Malyala, Kelsey Moirao, Rahul Kakkad

Goal: To provide a cooling experience with fans, misters, and lights powered by solar energy for a patio umbrella.

The Backyard Revolution



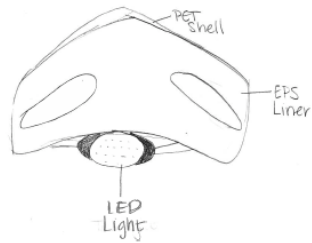
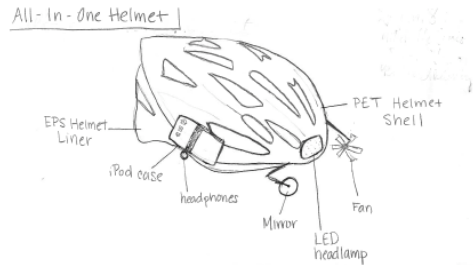
Redefining Luxury

Trade Show Dec. 4th: Group 7

Team 8: All-In-One Helmet

By: Michelle Sirois, Batuhan Akdeniz, Sinan Temo

Goal: No more carrying a lot of stuff when you are riding a bike - develop an all-in-one helmet with front LED Headlight, rear red LED Taillight, headphones, and rear view Mirror

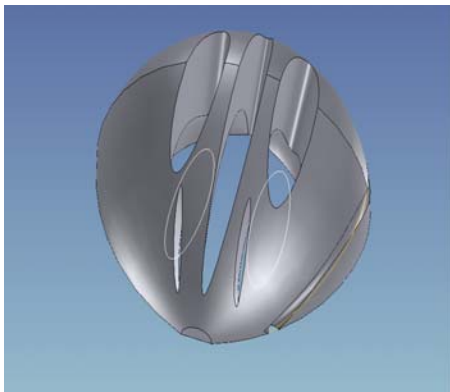


Team 8:
Michelle Sirois
Batuhan Akdeniz
Sinan Temo
SE 232



(1) Idea Sketch

(2) Existing Similar Product Disassembly



(3) CAD Model Design



(4) Built functional Prototype

Team 9: The Bike Sensor

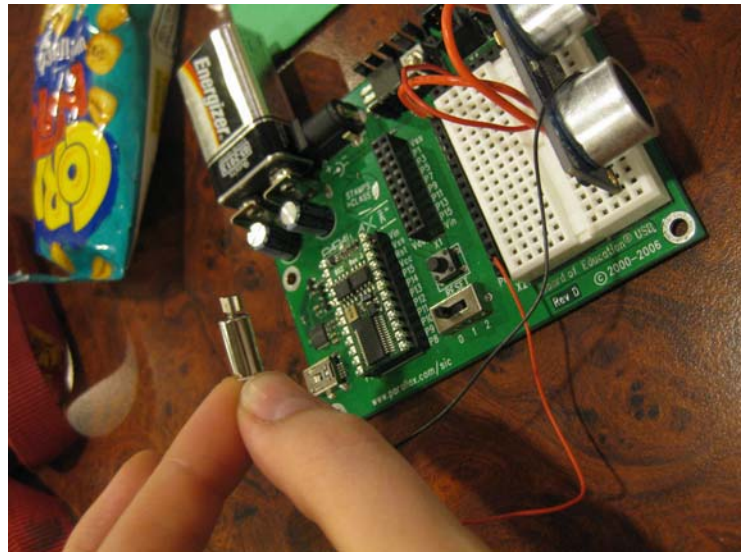
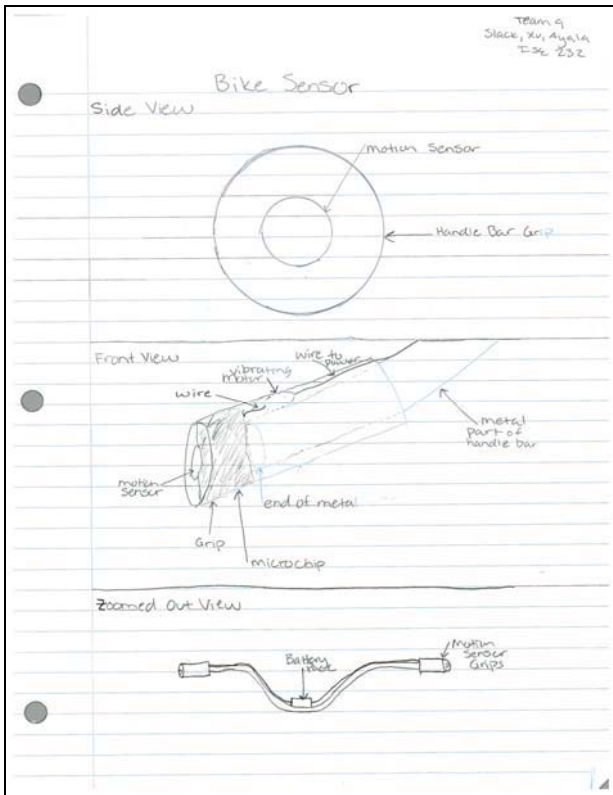
By: Esmeralda Ayala, Amanda Slack, Fei Xu

Problem: Bike accidents due to blind spots



Our Idea: Create a device that would caution bike riders when other bikers are in their blind spots

Idea Sketch:



Technical Component of Prototype:
Microcontroller, sensor, and vibrator

SAFER SURFER SCOOTER



GREAT FEATURES:

LED HEADLIGHTS



SIDE MIRRORS



LED REAR LIGHTS



AND MORE FEATURES LIKE BASKETS!