

## Design Journal

### Week 1



**Description:** Vacuum Insulated Water Bottle

#### **Good**

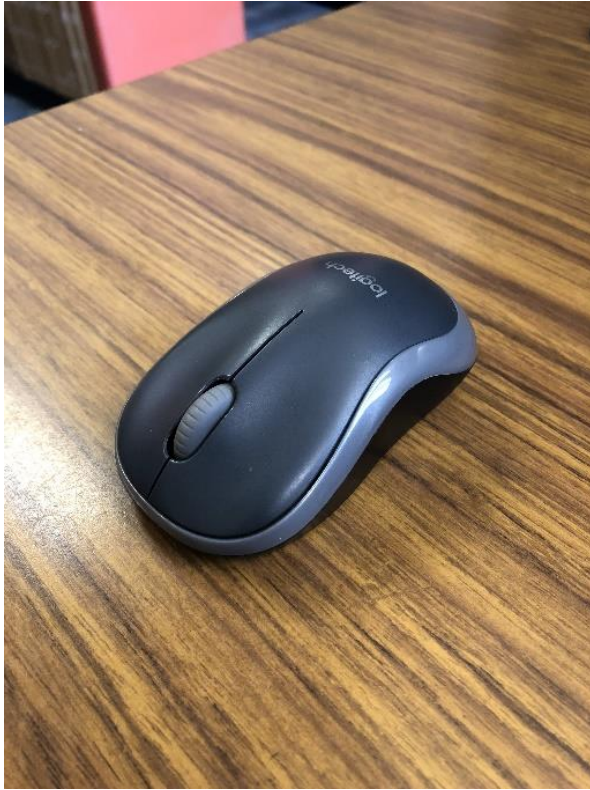
- Aesthetically pleasing design with soft, rounded shapes.
- Slim and compact.
- Keeps water very cold for many hours (have not tested with hot liquids).
- Fairly rigid... has survived a few minor drops/falls.
- The sealed cap lets absolutely no liquid out, even if it's only loosely screwed on.

#### **Bad**

- Exterior paint is very slippery when it gets wet.
- No hook or handle makes it awkward to carry around.
- Logo is beginning to wear away after only a month or two of use.
- Difficult to clean.
- Definitely requires two hands to remove the lid and get a sip of water.

#### **Improvements**

- Better quality exterior paint with more grip.
- A handle of some kind would be nice, but it might ruin the pleasing design.
- Make the bottom removeable and sealed just like the top, so that cleaning is easier.
- Find a way to keep the same seal quality but make it easy to open with one hand.



**Description:** Logitech wireless mouse

**Good**

- Compact/portable.
- Easy to turn on/off.
- Convenient storage compartment for USB receiver.
- Very long battery life.
- Aesthetically pleasing design with smooth curves and nice color scheme.
- Responsive.
- Able to change sensitivity in settings.
- Plug and play... easy setup.

**Bad**

- Not exactly ergonomic... it's a bit short and I find that I have to claw my hand slightly to use the buttons.
- Durability has not been an issue for me but I think if it were to take a heavy fall it would likely break.

**Improvements**

- Elongate it just slightly to improve ergonomics.
- Use stronger material.



**Description:** Gear tier shifter on my 1989 bicycle.

#### **Good**

- Simple and intuitive.
- Lower button is placed exactly where your thumb naturally rests and upper button easily accessible with index finger.
- Buttons are easy to press and respond quickly.
- Gives a satisfying click as confirmation when it's been fully engaged.

#### **Bad**

- Nothing. (Highly subjective because I love this bike)

#### **Improvements**

- This bike almost 30 years old, so the only improvement I could suggest would be to install some more modern components. However, I've kept it in good shape and it still performs wonderfully.

## Week 2



**Description:** Tea kettle.

### **Good**

- Simple.
- Does not need instructions... it is clear how to use it.
- Sleek design.
- Works as intended.

### **Bad**

- Very thin metal makes it feel cheap (which it was).
- Very loud when boiling water.
- Handle feels really cheap as well.

### **Improvements**

- Use better quality materials.



**Description:** Unicomp Keyboard.

#### **Good**

- Old-school design.
- Nice contrasting colors.
- Very sturdy build.
- Number pad.
- Satisfying clicking sound when keys are pressed

#### **Bad**

- Large, not very portable.
- Heavy.
- Loud clicking of keys is satisfying for me but annoying for others... I only use this keyboard when I'm alone.

#### **Improvements**

- Reduce weight without sacrificing build quality.



**Description:** Anker bluetooth speaker.

**Good**

- Sleek, minimal design.
- Highly portable, fits easily in one hand.
- Great sound for its size.
- Intuitive, simple control buttons on top.
- Water resistant.
- Great battery life.

**Bad**

- Bluetooth pairing issues sometimes.

**Improvements**

- None.

### Week 3



**Description:** Ray Ban eyeglasses.

#### **Good**

- Stylish.
- Flexible yet sturdy.
- Rounded edges give them a sleek look while also maintaining a slightly square shape.

#### **Bad**

- Nose pads can be slippery and slide down.

#### **Improvements**

- Put some kind of textured material on the nose pads to keep them in place.





**Description:** Thermos.

**Good**

- Slim/compact.
- Slick design, visually appealing.
- Lid seals tightly and does not leak.
- Bottom is grippy so it doesn't slide around.

**Bad**

- So slim that it is very difficult to clean the inside.

**Improvements**

- Make it just slightly wider so cleaning is easier but it is still compact.



## Week 4



**Description:** Lenovo ThinkPad.

### **Good**

- Rugged/durable construction.
- Keyboard feels great to type on.
- 2 batteries so one can be changed and therefore longer lifespan.
- Reliable.
- Good performance.

### **Bad**

- Not very pretty.
- Trackpad is cumbersome.
- Display is not very crisp.

### **Improvements**

- Work on aesthetics.
- Make trackpad more responsive.



**Description:** Casio G-shock wristwatch.

#### **Good**

- Rugged/durable design.
- Waterproof.
- Display is easily readable.
- Lots of different configuration settings.
- Comfortable to wear all day.

#### **Bad**

- Difficult to know how to perform certain actions with only 4 buttons (have to consult the user manual for many functions).

#### **Improvements**

- None.