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Examples of Bad Design

1) A Cup with a Very Thin or Sharp Rim



Why it's bad design:

1. **Uncomfortable to Drink From** — A thin or sharp rim can hurt your lips or feel awkward when drinking.
2. **Poor Heat Insulation** — If the rim is too thin, hot drinks might feel hotter on your lips, increasing the risk of burns.
3. **Fragility** — Thin rims are more prone to chipping or breaking.
4. **Difficult to Clean** — If the shape

or rim is too delicate, scrubbing can be tricky without causing damage.

5. **Aesthetic vs. Function Trade-off** — Sometimes, a design that looks sleek isn't practical for everyday use, leading to user dissatisfaction.

2) Doors That You Can't Tell Whether to Push or Pull



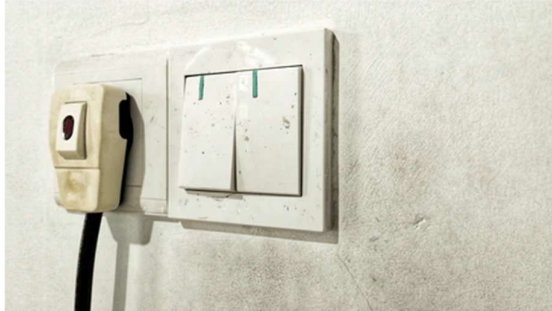
Why it's bad design:

1. **Lack of Clear Visual Cues** — No signs, symbols, or obvious handles to indicate the correct action (push or pull).
2. **User Confusion and Hesitation** — People often stop to figure out how to open the door, causing delays and awkward interactions.
3. **Increased Wear and Tear** — Repeated pushing or pulling the wrong way stresses hinges and handles, leading to faster damage.

4. **Safety Risks** — In emergencies or crowded places, unclear door operation can cause jams or accidents.

5. **Poor User Experience** — It frustrates users and reflects a lack of intuitive, user-centered design.

3) Poorly Placed Light Switches



Why it's bad design:

1. **Inconvenient Access:** Switches located too far from the entrance make it hard to turn on lights when entering a room.
2. **Hidden or Obstructed:** Sometimes switches are behind doors or furniture, causing awkward reaching or fumbling in the dark.
3. **Lack of Standardization:** Different placement styles confuse users who rely on habit or muscle memory.
4. **Safety Concerns:** Difficulty finding switches in dark can lead to trips, falls, or accidents.
5. **Frustration and Reduced Usability:** Poor placement disrupts flow and reduces overall user satisfaction with the space.

4) Shampoo Bottles That Are Difficult to Open or Use



Why it's bad design:

1. **Slippery or Tight Caps:** Hard to open with wet or soapy hands, causing frustration in the shower.
2. **Complex Opening Mechanisms:** Flip tops or twist caps that require multiple steps slow down use and annoy users.
3. **Poor Dispensing Control:** Small or poorly designed openings can lead to spills, waste, or uneven product flow.
4. **Lack of One-Handed Operation:** Many bottles aren't designed for easy one-handed use, which is inconvenient when multitasking.
5. **Not Ergonomic:** Shapes that are hard to grip or hold increase the chance of dropping the bottle.

5) Uncomfortable Public Seating



Why it's bad design:

1. **Hard Materials:** Seating made from unforgiving materials like metal or concrete causes discomfort quickly.
 2. **Poor Ergonomics:** Lack of proper back support or awkward angles leads to bad posture and physical strain.
 3. **No Armrests or Padding:** Absence of armrests and cushioning reduces comfort and accessibility, especially for older adults.
 4. **Discourages Use:** Uncomfortable seating discourages people from resting or spending time in public spaces.
5. **Excludes Some Users:** Poor design can make seating unusable for people with disabilities or mobility issues.

Examples of Good Design

1) Ergonomic Office Chair



Why it's Good design:

1. **Supports Natural Posture:** Designed to maintain the spine's natural curve, reducing back strain.
2. **Adjustable Features:** Includes height, armrest, and lumbar support adjustments for personalized comfort.
3. **Breathable Materials:** Mesh backrests promote airflow, keeping you cool during extended use.
4. **Durable Construction:** Built with high-quality materials to withstand daily use.
5. **Enhanced Productivity:** Promotes comfort, leading to improved focus and efficiency.

2) Smartphone Touchscreen



Why it's Good design:

1. **Intuitive Interface:** Responsive touch capabilities allow for easy navigation.
2. **High-Resolution Display:** Crisp visuals enhance user experience.
3. **Multi-Touch Support:** Enables gestures like pinch-to-zoom and swipe.
4. **Durable Glass:** Scratch-resistant surfaces ensure longevity.
5. **User-Friendly Design:** Sleek and ergonomic design fits comfortably in hand.

3) Zipper Closures



Why it's Good design:

1. **Secure Fastening:** Provides a reliable closure for various items.
2. **Easy Operation:** Smooth gliding mechanism for quick use.
3. **Versatile Application:** Used in clothing, bags, and accessories.
4. **Durable Material:** Resistant to wear and tear over time.
5. **Compact Design:** Lightweight and unobtrusive fastening solution.

4) Reusable Water Bottle with Easy-to-Open Cap



Why it's Good design:

1. **Leak-Proof Design:** Ensures no spills during transport.
2. **One-Handed Operation:** Flip-top lid allows for easy opening while on the move.
3. **Insulated Construction:** Keeps beverages hot or cold for extended periods.
4. **Durable Build:** Made from high-quality materials for long-lasting use.
5. **Eco-Friendly:** Reduces the need for disposable plastic bottles.

5) Traffic Light with Countdown Timer



Why it's Good design:

1. **Clear Visibility:** Bright displays ensure readability from a distance.
2. **Time Indicators:** Countdown timers inform pedestrians and drivers of remaining wait times.
3. **Safety Enhancement:** Reduces uncertainty, promoting safer crossings.
4. **Energy Efficient:** LED lights consume less power and have a longer lifespan.
5. **Weather Resistant:** Designed to withstand various environmental conditions.

Examples of Jugad

1) Using a Knife as a Screwdriver



Jugaad: When a screwdriver isn't available, people use a knife or other tools to tighten screws.

Problem: This can damage the screw or injure the user.

Better Solution: Keep a basic toolkit with essential tools like screwdrivers, or use multi-tools designed for various jobs safely.

2) Using Plastic Bags as Temporary Rain Covers



Jugaad: Covering backpacks or valuables with plastic bags during unexpected rain.

Problem: Not durable, tears easily, and creates waste.

Better Solution: Invest in waterproof covers or rainproof backpacks made from water-resistant materials.

3) Fixing a Loose Table Leg with Cardboard or Paper



Jugaad: Stuffing cardboard or paper under a wobbly table leg to stabilize it.

Problem: Temporary fix that often slips or compresses, causing more instability.

Better Solution: Use furniture pads or adjustable leg levelers for a secure and lasting solution.

4) Using a Plastic Bottle as a Funnel



Jugaad: Cutting a plastic bottle to make a funnel for pouring liquids.

Problem: Edges can be sharp and uneven, posing a safety risk.

Better Solution: Buy inexpensive plastic funnels that are smooth and safe to use.

5) Using Newspaper to Clean Windows



Jugaad: Wiping windows with crumpled newspaper instead of paper towels or cloth.

Problem: Ink can smudge and leave marks; not environmentally ideal.

Better Solution: Use microfiber cloths and eco-friendly glass cleaners.