



The Box Project

Reminder Box

Helping You Remember What Matters

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Gayathiri, Hannan, Adrian

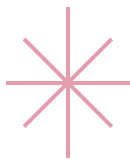
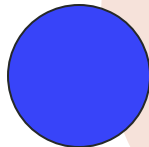
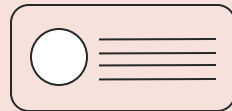
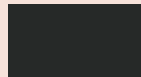
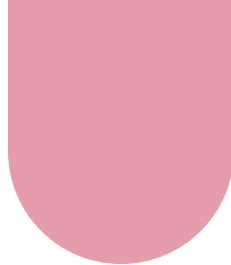
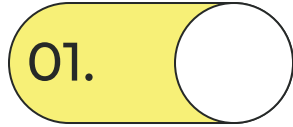
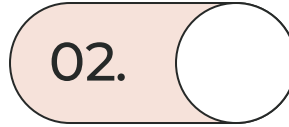


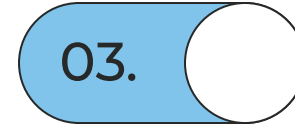
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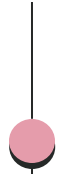
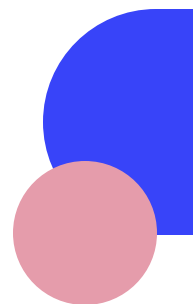
“Hacks”



Photographs

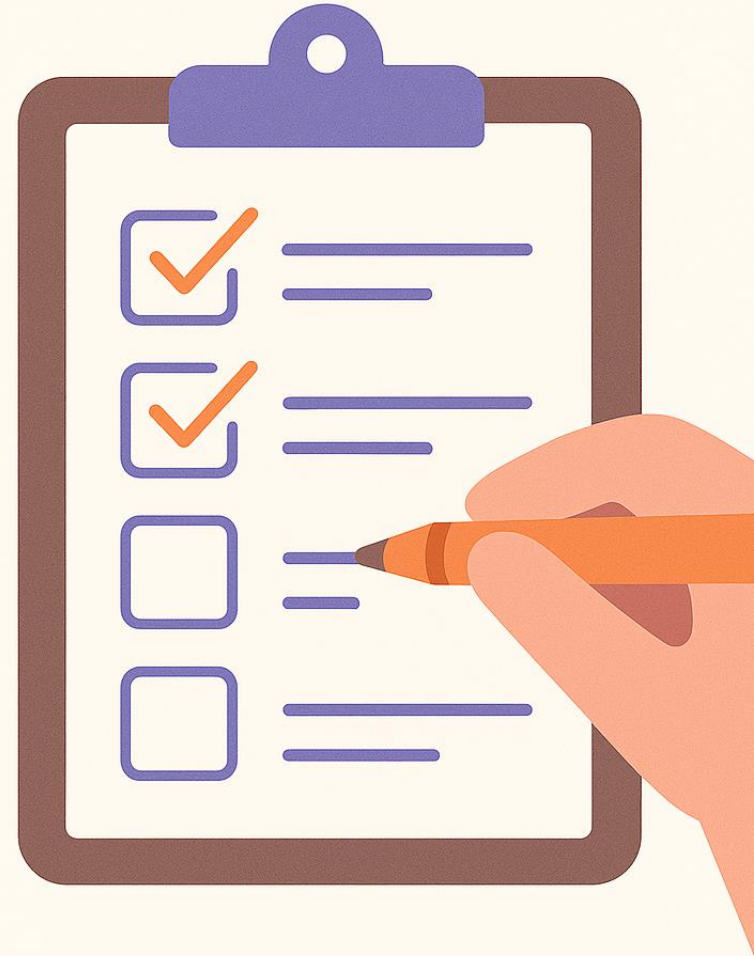


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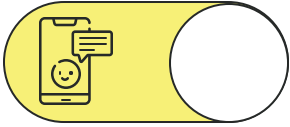


Project Topic

Our group designed a Reminder Box to assist people with memory challenges. The box uses audio cues and visual lights to remind users to check it before leaving home. It helps ensure important items like wallets, keys, phones, or medications are not forgotten. By providing gentle reminders, the Reminder Box promotes independence and reduces daily stress caused by forgetfulness.

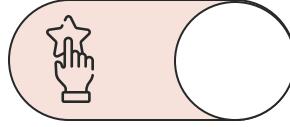


How Does it Work?



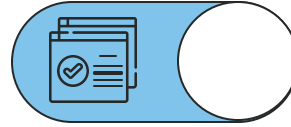
Box holds items

- Wallet
- Phone
- Keys
- Watch
- Chargers
- Miscellaneous (gum, floss, female hygiene products, chap stick, etc...)



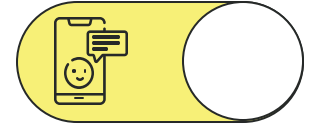
Going Somewhere

You are about to leave to go somewhere! Box is placed in an optimal location like the main exit.



Reminder!

Box alerts you with lights and audio cues. Box opens up to reveal items.



Repeat

When you have arrived back you simply place your choice of items back in the box for the next time you leave.





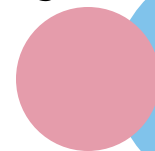
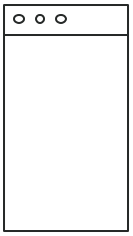
Aim & Objectives



Our goal is to design and build an accessible product that supports people with memory challenges or busy lifestyles.

The box uses visual light and gentle sounds to remind users of important items while offering an easy-to-use storage space for essentials they often forget.

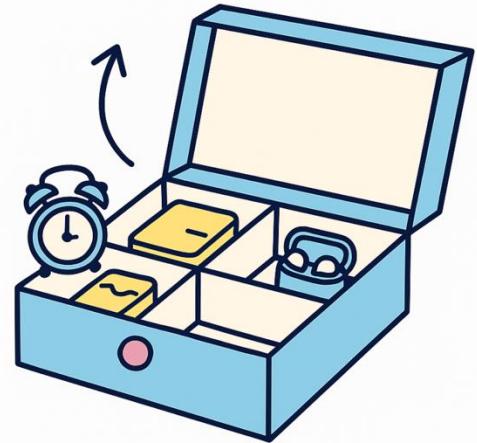
- Combine accessibility features like lights, audio, and easy touchpoints
- Ensure all systems work reliably and intuitively
- Maintain functional, everyday storage with a flap style lid for easy use.



Prototype Details

We started by gathering all the materials and then cutting and assembling the parts to create the box's structure. Interactive elements like pullable flaps make the box engaging and simple to use. We added LED lights, small containers, and dividers to organize items such as an alarm clock, wallet, or AirPods.

- Cardboard material
- Easy to access storage
- Simple design
- User friendly

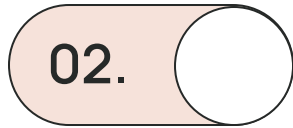


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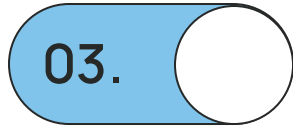
Materials



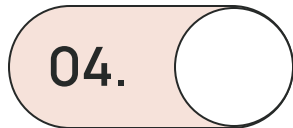
A shoebox as the main structure



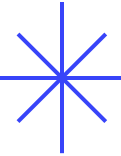
LED strips, alarm clock, and 2 switches for lights and sounds



Dividers



Items to remember



Box Views

Top



Side



Front



"Hacks"

*"Our Reminder Box reimagines what a simple box can do....
It's not just a container, it's an interactive assistant."*

- **From passive to proactive:**
A normal box just stores items. Our box communicates —> using lights and sounds to remind users before they forget something important.
- **From hidden storage to visible guidance:**
Instead of keeping things out of sight, the box uses visual cues like LED lighting to draw attention when it's time to check what's inside.
- **From single purpose to multifunctional:**
It combines storage, accessibility, and assistive technology —> acting as a daily reminder system, organizer, and confidence booster in one design.
- **From static design to interactive experience:**
Features like pullable flaps and switches make the box feel alive —> turning an everyday object into a responsive companion for people with memory challenges.



Behind the Lid: The Hacks That Make It Work

"From passive to proactive"

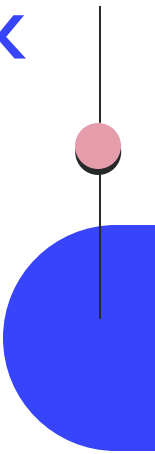
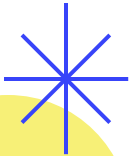


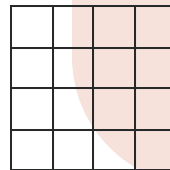
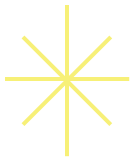
"From single purpose to multifunctional"

"From hidden storage to visible guidance"

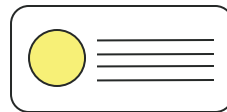


"From static design to interactive experience"





Time For A Demo!



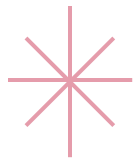
Conclusion

Our Reminder Box transforms a simple idea into something more meaningful.

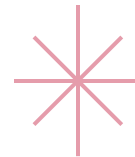
By combining accessibility, design and empathy, we created a tool that helps people feel more **confident and independent** in their daily lives.

It's more than just a box – it's a small step toward stress-free living, **a reminder of what matters most** and proof that even simple designs can make a big impact.





Thanks!



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