Smart Backpack Research Survey

This survey is conducted by students for an academic project on smart backpack innovation.

We aim to understand the daily needs, preferences, and challenges faced by students and professionals who carry multiple gadgets.

Your answers will help us design a smart gear system tailored for students and tech professionals to improve organization, safety and convenience.

Your responses are **anonymous** and will be used strictly for research purposes. It takes less than 5 minutes! Thank you for contributing to our innovation journey.

* Indicates required question

1. 1. Do you consent to participate in this academic survey? *

    Mark only one oval.

    ◯ Yes, I consent

2. 2. What is your age group? *

    Mark only one oval.

    ◯ Under 18
    ◯ 18–24
    ◯ 25–30
    ◯ 31–40
    ◯ +40

3. 3. Which of the following best describes your current role? *

Mark only one oval.

◯ University student

◯ Remote worker/Freelancer

◯ Full-time employee

◯ Other: _____

4. 4. Which academic field or profession best describes you? *

Mark only one oval.

◯ Computer Science / Tech

◯ Design / Arts

◯ Engineering

◯ Business / Management

◯ Other: _____

5. 5. How often do you carry multiple tech devices (e.g., phone, laptop, tablet, charger) in your bag? *

Mark only one oval.

◯ Never

◯ Rarely

◯ Sometimes

◯ Often

◯ Always

6. 6. Have you ever forgotten or lost any important item like your keys, wallet, or charger when leaving home? *

Mark only one oval.

- ( ) Yes,frequently
- ( ) Occasionally
- ( ) Rarely
- ( ) Never

7. 7. How useful would you find a backpack that reminds you if you forget to pack essential items? *

Mark only one oval.

- ( ) Not useful
- ( ) Slightly useful
- ( ) Moderately Useful
- ( ) Very Useful
- ( ) Extremely useful

8. 8. Which features would you like to have in a smart backpack**?** *(Select all that apply)* *

Check all that apply.

- [ ] Wireless charging
- [ ] GPS location tracking
- [ ] Emergency/SOS alert button
- [ ] Solar charging
- [ ] Customizable compartments
- [ ] Item checklist via mobile app
- [ ] Other: _____

9. 9. Please describe your preferred features to have in a smart backpack, if not listed above

_____

10. 10. If your bag had a tag that helped you find your lost phone (and vice versa), how likely would you be to use it?   *

    Mark only one oval.

    ◯ Very unlikely

    ◯ Unlikely

    ◯ Neutral

    ◯ Likely

    ◯ Very Likely

11. 11. Would you feel safer knowing your backpack could alert your family or emergency services in case of danger?   *

    Mark only one oval.

    ◯ Not at all

    ◯ Slightly

    ◯ Moderately

    ◯ Very

    ◯ Extremely

12. 12. On a scale of 1 to 5, how important is keeping your items organized and easy to access in your daily bag?   *

    Mark only one oval.

	1	2	3	4	5	
Not	◯	◯	◯	◯	◯	Very important

13.   13. Do you currently use any tracking technology (e.g., AirTag, Tile, GPS keychain) to monitor your belongings? *

(These are small devices that you attach to items like keys, wallets, or bags. They connect to your phone using Bluetooth or GPS and help you locate lost items by making them beep or showing their last known location on a map.)

Mark only one oval.

○ Very familiar – I've used them before

○ Somewhat familiar – I've heard of them but never used

○ Not familiar – I don't know how they work

○ Never heard of them before

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