

NAME: ring doorbell


DATE: July 31, 2025 9:12 AM

DESCRIPTION OF TECHNOLOGY

The Ring video doorbell is a smart home security device that integrates a video camera, motion detection, and two-way audio, enabling users to monitor their front door remotely via a smartphone app. As part of the broader Internet of Things (IoT) ecosystem, Ring has become widely adopted for enhancing residential safety and convenience.




HUMAN VALUES




To better support human values, I would improve Ring by making it less stressful and more balanced for users. The app could include usage reminders or quiet hours to reduce obsessive checking. It should also show positive nudges, like encouraging face-to-face interaction when safe. Clearer guidance on when and how to use it responsibly would protect peoples autonomy, well-being, and relationships.

TRANSPARENCY



To improve transparency, Ring should give clearer explanations about how its algorithms work and why alerts are triggered. The company could also be more open about data use, business goals, and potential risks. A simple summary of these topics during setup would help users make better choices. Id also add a faster, more visible complaint process and provide real examples of how misuse can happen, so people understand both the benefits and downsides before using the product.

IMPACT ON SOCIETY



To make the Ring doorbell more responsible, things should change. The device should have a clear signlike a lightso people know theyre being recorded. Setting up privacy zones should be easier and required, and people not at the door could be blurred automatically. There should also be more awareness in neighborhoods about how these cameras affect others. Local rules could help guide where they can be aimed. In the app, users should get reminders about privacy and have a way to report if someone misuses footage.


STAKEHOLDERS



SUSTAINABILITY




HATEFUL AND CRIMINAL ACTORS




To reduce misuse, Ring should add watermarks and timestamps to all shared footage to prevent editing. It could also include blurring tools or tags to give more context and avoid misinterpretation. There should be stricter rules on where and how footage is shared, especially in neighborhood apps. The app itself could show warnings about bias and how videos can harm others if shared unfairly. A simple report button could help flag videos that are used to spread fear or target certain groups.

DATA




To improve how Ring handles data, I would make it more transparent and user-controlled. Users should get clear info on what data is collected, how its used, and who profits. Also, there should be easy tools to delete or limit data storage. Ring could let users give feedback on how their data is interpreted, to avoid false assumptions. Finally, long-term use should be more sustainablewith regular algorithm updates and clear rules for when companies change hands.

FUTURE




To improve the future impact of Ring, Id add stronger built-in privacy protections, like automatic data deletion, face-blurring, and strict sharing limits. I would also push for community-based agreements on use, so people decide together how the tech fits their values. If the product is ever sold, key features like ethical standards and transparency rules should stay protected. In use, Ring could promote real-world connection, not just remote monitoring, to avoid a distant or fearful society. These steps could help steer the technology toward the...

PRIVACY



To protect privacy, Ring should enable privacy zones and face blurring by default. The app should help users set up privacy-friendly settings easily. Also, footage should auto-delete after a short time unless the user chooses otherwise. Clear in-app info about privacy laws like GDPR would help users make better choices. These changes make the tech safer without taking away its main function.


INCLUSIVITY




To improve inclusivity, Ring could make the interface and setup more accessible to people with different tech skills or disabilities. It should also offer clearer options for controlling how data is recorded and shared, especially in shared spaces. To avoid biased use, Ring could include educational tips about fair use and assumptions. Lastly, involving a more diverse design team could help make the technology better reflect the needs, values, and realities of a wider group of people.

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IMPACT ON SOCIETY



Now that you have thought hard about the impact of this technology on society (by filling out the questions...

If you think about the real problem this technology is going to solve. If you think about the ability of this technology to solve the real problem. If you think about possible negative effects and whether this technology will contribute to a world you want to live in. If you think about all that, what improvements would you make? In technology? In context? In use?...


HATEFUL AND CRIMINAL ACTORS



Now that you have thought hard about how bad actors can impact this technology, what improvements would...

If you think about this technology being used to break the law, or avoid the consequences of breaking the law, or to be used against certain groups, or to attack the truth or to pit certain groups against each other. If you think about all of that, what improvements would you (want to) make? In the technology? In context? In use?...

PRIVACY



Now that you have thought hard about privacy and data protection, what improvements would you like to make?...

If you think about this technology invading someone's privacy or collecting personal data and if you think about the way this technology is compliant with prevailing law and mitigates dataprotection risks and concerns. If you think about all that, what improvements would you (want to) make? In the technology? In context? In use?...


HUMAN VALUES



Now that you have thought hard about the impact of your technology on human values, what improvements...

If you think about the impact of this technology on human values and needs. If you think about how this technology affects the identity of the user, the autonomy of the user (can the users make their own decisions?) and the health and well-being of the user. If you think about all that, what improvement would you (want to) make? In the technology?...


STAKEHOLDERS



Now that you have thought hard about all stakeholders, what improvements would you like to make? List them...

If you think about all stakeholders of this technology. If you think about stakeholders that are less obvious. If you think about the way certain stakeholders are affected by this technology and if you want to take them into consideration. If you think about all that, what would you (want to) improve? In the technology? In context? In use?...


DATA



Now that you have thought hard about the impact of data on this technology, what improvements would you...

If you think about the limitations of data. Things like subjectivity, incomplete datasets and so on. If you think about the way new insights are handled. If you think about the sustainability of the collection of data or the data that is collected from the users. If you think about all that, what would you (want to) improve? In the technology? In context?...

INCLUSIVITY



Now that you have thought hard about the inclusivity of the technology, what improvements would you like to...

If you think about accessibility to this technology. If you think about built in biases or automatic decisions that may be biased. If you think about who is benefitting from this technology and the diversity of the team that creates the technology. If you think about all that, what improvements would you (want to) make? In the technology? In context? In use?


TRANSPARENCY



Now that you have thought hard about the transparency of this technology, what improvements would you like t...

If you think about the communication on the way the technology works and the businessmodel. If you think about the explanation on automatic decisions that are made. If you think about complaint procedures and transparency on possible negative effects. If you think about all that, what would you (want to) improve? In the technology? In context?...


SUSTAINABILITY



Now that you have thought hard about the sustainability of this technology, what improvements would you like t...

If you think about the direct and indirect energy use and the materials that are used in the technology. If you think about the lifespan of the technology and the hidden environmental impact of the technology. If you think about all that, what improvements would you (want to) make? In the technology? In context? In use?...

FUTURE



Impact Improvement: Now that you have thought hard about the future impact of the technology, what...

If you think about an utopian and a dystopian scenario. If you think about the way this technology can change the world. If you think about the consequences of a different party buying your technology. If you think about all that, what would you (want to) improve? In the technology? In context? In use? ...

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