# GriefBot

GriefBot is a chat bot that impersonates the deceased, helping get answers to any lingering questions.

# Technology Impact Cycle Tool

**GriefBot**

## Impact on society
What impact is expected from your technology?

*This category is only partial filled.*

### What is exactly the problem? Is it really a problem? Are you sure?
GriefBot's purpose is reducing the suffering and mourning for relatives or friends over their deaths. The bot's purpose is having that final moment with your passed away beloved one. You can see some text messages, photos or get an answer to some lingering questions. The GriefBot enables you to close the final chapter and move on after an emotional moment.

### Are you sure that this technology is solving the RIGHT problem?
*This question has not been answered yet.*

### How is this technology going to solve the problem?
*This question has not been answered yet.*

### What negative effects do you expect from this technology?
*This question has not been answered yet.*

### In what way is this technology contributing to a world you want to live in?
*This question has not been answered yet.*

### Now that you have thought hard about the impact of this technology on society (by filling out the questions above), what improvements would you like to make to the technology? List them below.
*This question has not been answered yet.*

## Hateful and criminal actors
What can bad actors do with your technology?

*This category is only partial filled.*

### In which way can the technology be used to break the law or avoid the consequences of breaking the law?
The GriefBot is not designed with malicious use in mind. Unfortunately, it is possible to get access to someone's bot and blackmail the owner of the bot. As GriefBot is not well protected it can be easily hacked into and used to manipulate people to participate in illegal activities.

### Can fakers, thieves or scammers abuse the technology?
*This question has not been answered yet.*

### Can the technology be used against certain (ethnic) groups or (social) classes?
*This question has not been answered yet.*

### In which way can bad actors use this technology to pit certain groups against each other? These groups can be, but are not constrained to, ethnic, social, political or religious groups.
*This question has not been answered yet.*

### How could bad actors use this technology to subvert or attack the truth?
*This question has not been answered yet.*

### Now that you have thought hard about how bad actors can impact this technology, what improvements would you like to make? List them below.
*This question has not been answered yet.*

## Privacy

Are you considering the privacy & personal data of the users of your technology?

*This category is only partial filled.*

### Does the technology register personal data? If yes, what personal data?

The GriefBot collects data from both the living and deceased. Based on the platform the bot uses media share, messages and contact information. As for the user, an account creation procedure is necessary, requiring at least an email, password, first and last name, and access to their social media. There is also the requirement of continuous improvement by collection of data from the mentioned social media platforms.

### Do you think the technology invades the privacy of the stakeholders? If yes, in what way?

*This question has not been answered yet.*

### Is the technology is compliant with prevailing privacy and data protection law? Can you indicate why?

*This question has not been answered yet.*

### Does the technology mitigate privacy and data protection risks/concerns (privacy by design)? Please indicate how.

*This question has not been answered yet.*

### In which way can you imagine a future impact of the collection of personal data?

*This question has not been answered yet.*

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

*This question has not been answered yet.*

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## Human values
How does the technology affect your human values?

*This category is only partial filled.*

### How is the identity of the (intended) users affected by the technology?
Based on the user's psychological situation, GriefBot could provide either a way to ease suffering and help with the mourning process, or cause further distress. Moreover, people's religion is a huge factor. It is not always welcome to intertwine technology with beliefs. Overall, GriefBot provides a way to mourn and aid this natural process, albeit not encompassing a rather limited audience (depending on the belief system).

### How does the technology influence the users' autonomy?
*This question has not been answered yet.*

### What is the effect of the technology on the health and/or well-being of users?
*This question has not been answered yet.*

### Now that you have thought hard about the impact of your technology on human values, what improvements would you like to make to the technology? List them below.
*This question has not been answered yet.*

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## Stakeholders
Have you considered all stakeholders?

*This category is only partial filled.*

**Who are the main users/targetgroups/stakeholders for this technology? Think about the intended context by answering these questions.**

**Name of the stakeholder**
Mourning User

**How is this stakeholder affected?**
-

**Did you consult the stakeholder?**
No

**Are you going to take this stakeholder into account?**
No

**Name of the stakeholder**
Developers of the Bot

**How is this stakeholder affected?**
-

**Did you consult the stakeholder?**
No

**Are you going to take this stakeholder into account?**
No

**Name of the stakeholder**
Deceased Person

**How is this stakeholder affected?**
-

**Did you consult the stakeholder?**
No

**Are you going to take this stakeholder into account?**
No

# Technology Impact Cycle Tool

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**Did you consider all stakeholders, even the ones that might not be a user or target group, but still might be of interest?**
-

**Now that you have thought hard about all stakeholders, what improvements would you like to make? List them below.**
*This question has not been answered yet.*

## Data
Is data in your technology properly used?

*This category is only partial filled.*

**Are you familiar with the fundamental shortcomings and pitfalls of data and do you take this sufficiently into account in the technology?**
Depending on the available data, the bot might differ significantly in terms of the expected outcome. The users should be aware of the limitations introduced by the data.

**How does the technology organize continuous improvement when it comes to the use of data?**
*This question has not been answered yet.*

**How will the technology keep the insights that it identifies with data sustainable over time?**
*This question has not been answered yet.*

**In what way do you consider the fact that data is collected from the users?**
*This question has not been answered yet.*

**Now that you have thought hard about the impact of data on this technology, what improvements would you like to make? List them below.**
*This question has not been answered yet.*

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## Inclusivity
Is your technology fair for everyone?

*This category is only partial filled.*

### Will everyone have access to the technology?
*This question has not been answered yet.*

### Does this technology have a built-in bias?
As data by itself is subjective, the foundation of the GriefBot is also built on top of this predetermined bias. There is one version for the bot that is offered to all users.

### Does this technology make automatic decisions and how do you account for them?
*This question has not been answered yet.*

### Is everyone benefitting from the technology or only a a small group? Do you see this as a problem? Why/why not?
*This question has not been answered yet.*

### Does the team that creates the technology represent the diversity of our society?
*This question has not been answered yet.*

### Now that you have thought hard about the inclusivity of the technology, what improvements would you like to make? List them below.
*This question has not been answered yet.*

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## Transparency
Are you transparent about how your technology works?

*This category is only partial filled.*

### Is it explained to the users/stakeholders how the technology works and how the business model works?
The GriefBot is explained transparently. It provides a thorough summary of the data that is going to be used and collected. The mission of the bot is explained, as well as the potential impact on society. However, as the bot is tightly reliant on the data fed into it, there is no way to explain why a certain outcome was reached.

### If the technology makes an (algorithmic) decision, is it explained to the users/stakeholders how the decision was reached?
*This question has not been answered yet.*

### Is it possible to file a complaint or ask questions/get answers about this technology?
*This question has not been answered yet.*

### Is the technology (company) clear about possible negative consequences or shortcomings of the technology?
*This question has not been answered yet.*

### Now that you have thought hard about the transparency of this technology, what improvements would you like to make? List them below.
*This question has not been answered yet.*

## Sustainability

Is your technology environmentally sustainable?

*This category is only partial filled.*

### In what way is the direct and indirect energy use of this technology taken into account?

The GriefBot is required to run on a server, be it cloud-based or peer-to-peer. This is inevitably energy consuming but based on the solution it could be on the lower or higher scale of energy consumption.

### Do you think alternative materials could have been considered in the technology?

*This question has not been answered yet.*

### Do you think the lifespan of the technology is realistic?

*This question has not been answered yet.*

### What is the hidden impact of the technology in the whole chain?

*This question has not been answered yet.*

### Now that you have thought hard about the sustainability of this technology, what improvements would you like to make? List them below.

*This question has not been answered yet.*

## Future
Did you consider future impact?

*This category is only partial filled.*

**What could possibly happen with this technology in the future?**
The GriefBot could provide unparalleled support for people's process of grieving. Unfortunately, there is also a sizeable window for future abuse. The bot may be helpful to some but also could be negatively impacting others, making it a niche product.

**Sketch a or some future scenario (s) (20-50 years up front) regarding the technology with the help of storytelling. Start with at least one utopian scenario.**
*This question has not been answered yet.*

**Sketch a or some future scenario (s) (20-50 years up front) regarding the technology with the help of storytelling. Start with at least one dystopian scenario.**
*This question has not been answered yet.*

**Would you like to live in one of this scenario's? Why? Why not?**
*This question has not been answered yet.*

**What happens if the technology (which you have thought of as ethically well-considered) is bought or taken over by another party?**
*This question has not been answered yet.*

**Impact Improvement: Now that you have thought hard about the future impact of the technology, what improvements would you like to make? List them below.**
*This question has not been answered yet.*