

Identity

Supporting dementia care with Free
Software

about me

I'm Sofía Aritz, an intern at the FSFE.

In the projects I work on I try to promote Free Software, open standards and decentralization.



One of the YH4F 2024 winners (with this project)

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what is Identity?

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- Explore your memories in an **well-organized way**.

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This will allow your trustees to:

- **Enhance medical treatments** for conditions like dementia.
- Integrate your treasured memories into **palliative care**.

what can you store?

Events

Feelings

Music
albums

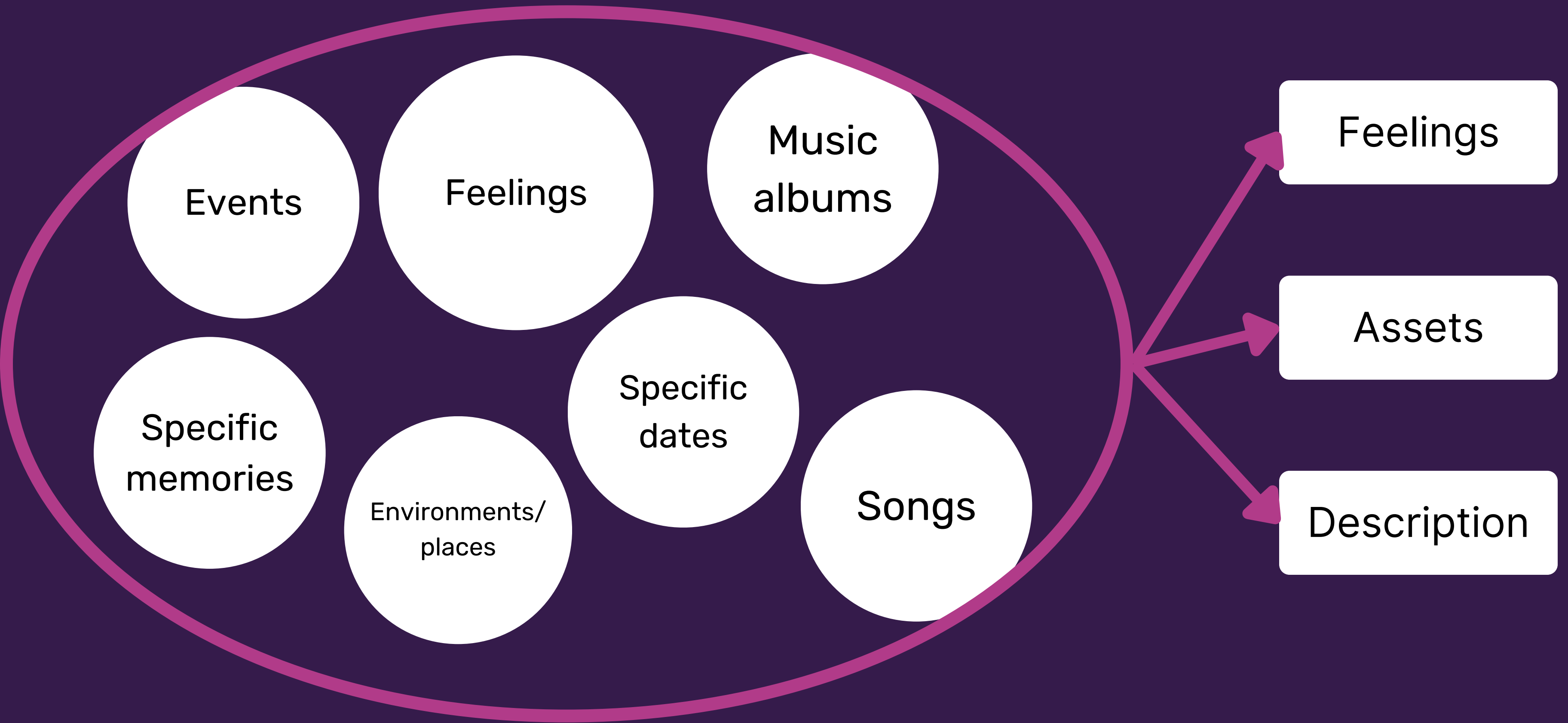
Specific
memories

Environments/
places

Specific
dates

Songs

what can you store?



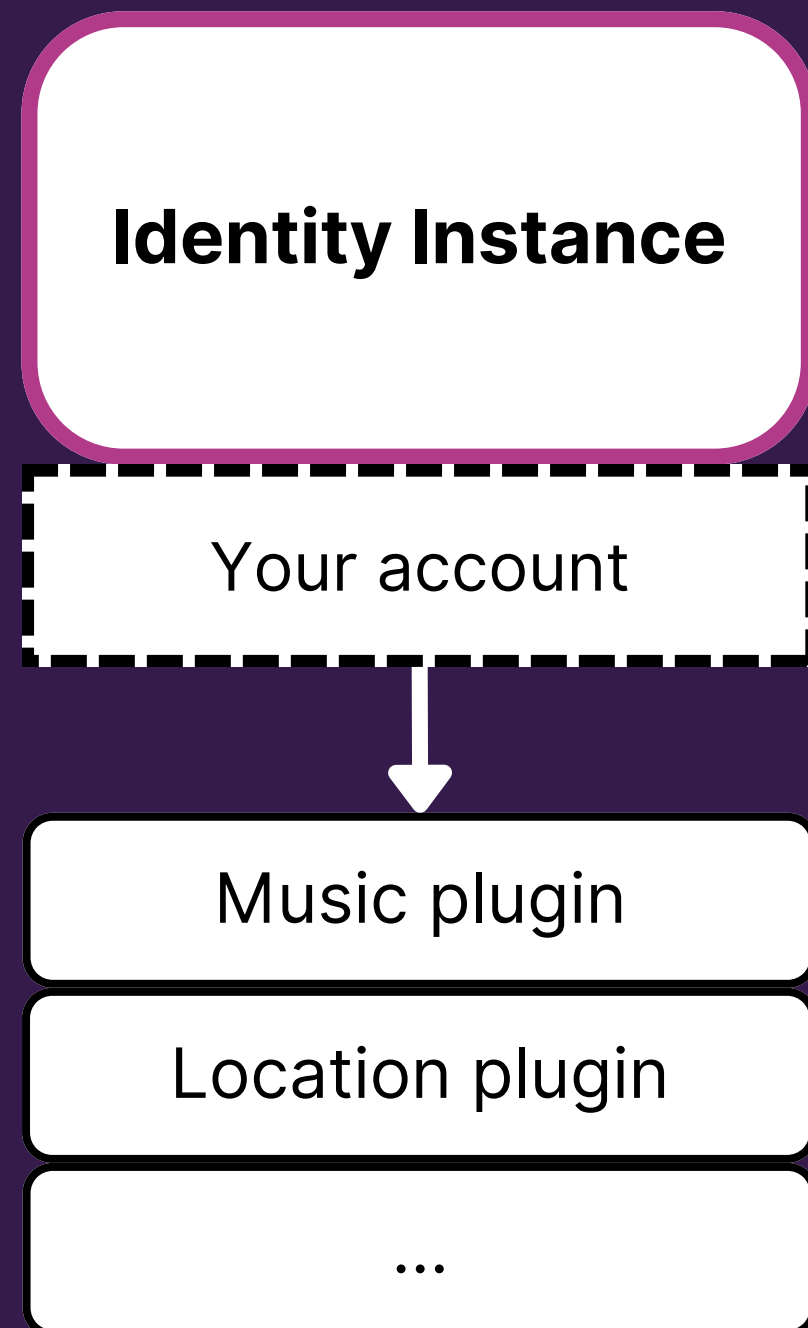
examples

Music tied to personal memories can **stimulate brain activity** and **enhance mood and cognitive function**.

Storing your memories allows you to **reflect on your thoughts and emotions**, this increases **self awareness** and allows you to **understand yourself**.

Storing **key assets** (music, photos, videos) that are **important to us** can be key when developing conditions such as **dementia**.

how will this work?

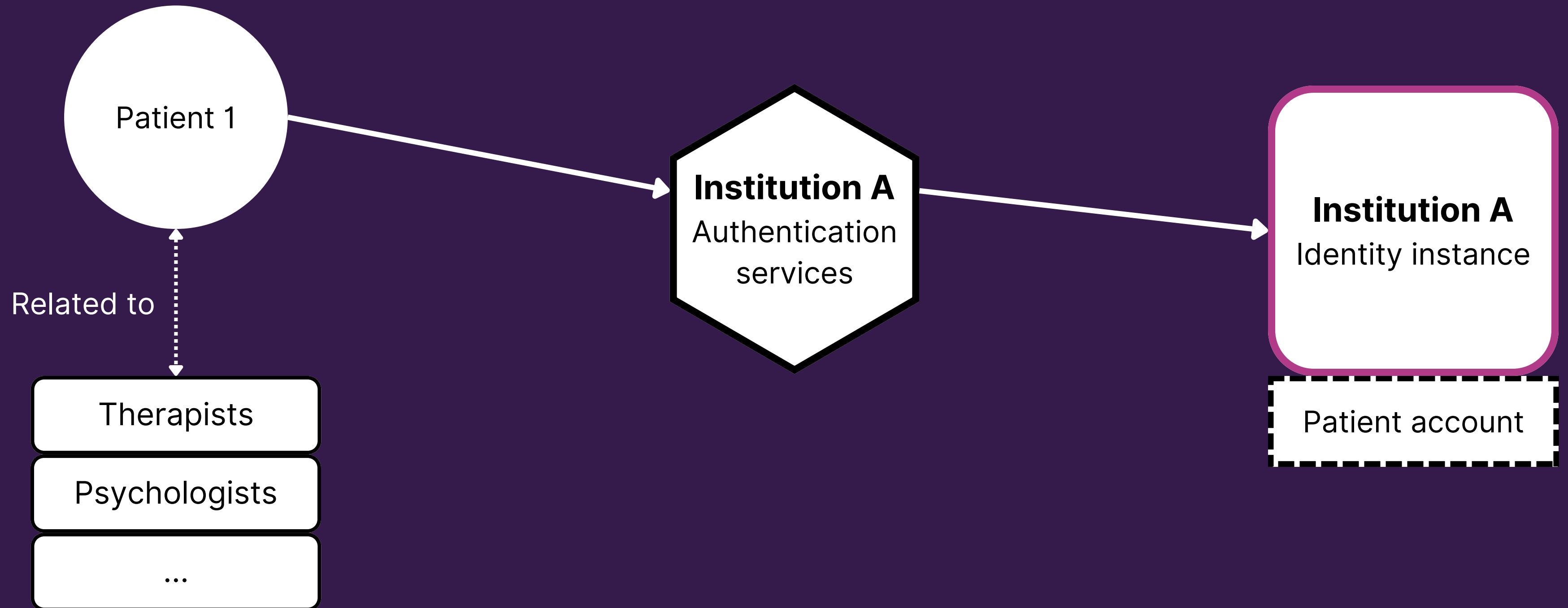


Every user can use and customize plugins that allow the data to be used and analysed for wide range of purposes.

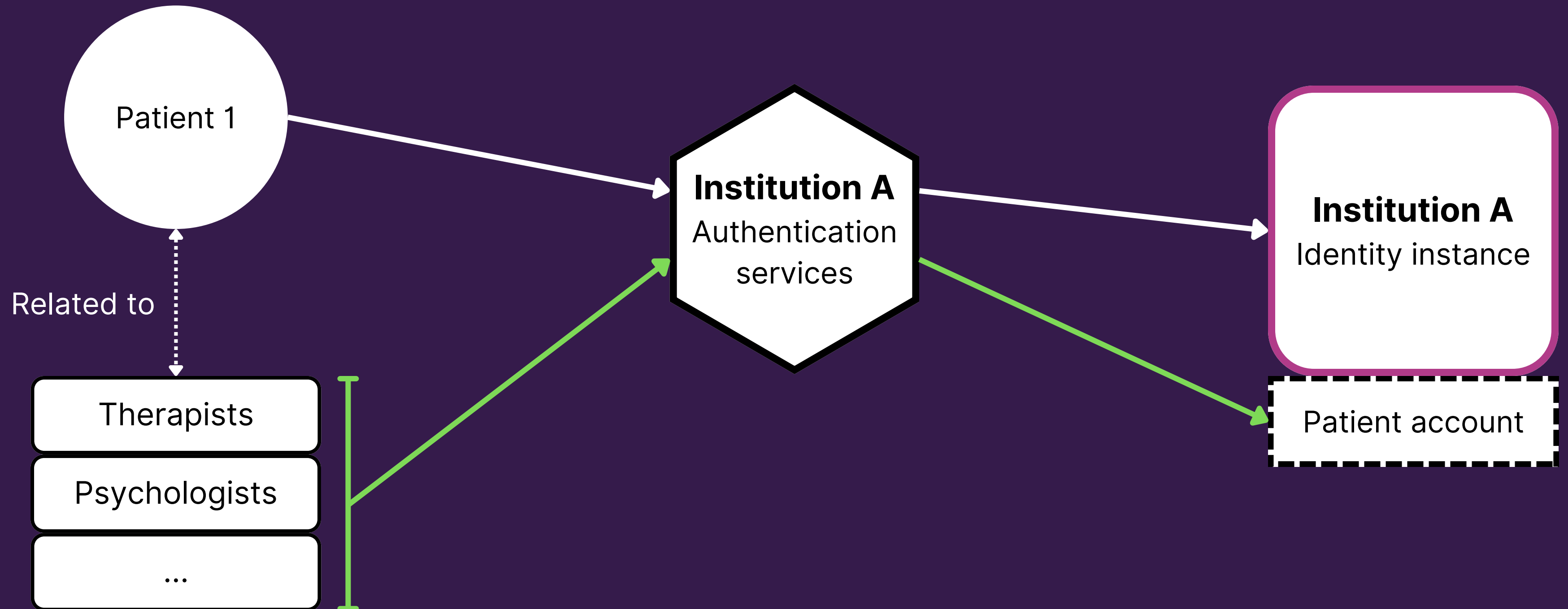
- Music services (e.g. LibreFM, Spotify, etc)
- Video services (e.g. PeerTube, YouTube, etc)
- Social media

These plugins could serve both as **data sources** and as **data processors**.

how will this work?



how will this work?



open questions

- How can we ensure that data is **stored securely and privately by design**?
- How can Identity be improved conceptually **to better serve patients** and the medical community?
- How can Identity be improved conceptually **to benefit everyone**?

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thank you for you attention!
any ideas?

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sources

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Van de Winckel, A., Feys, H., De Weerd, W., & Dom, R. (2004). Cognitive and behavioural effects of music-based exercises in patients with dementia. *Clinical Rehabilitation*, 18(3), 253-260.

The dementia guide: Living well after your diagnosis. (2021, April 16). Alzheimer's Society. <https://www.alzheimers.org.uk/get-support/publications-factsheets/the-dementia-guide>

Nyashanu, M., Ikhile, D., & Pfende, F. (2021). Exploring the efficacy of music in palliative care: A scoping review. *Palliative & Supportive Care*, 19(3), 355-360.