

Future Prospects for the DIPG use-case

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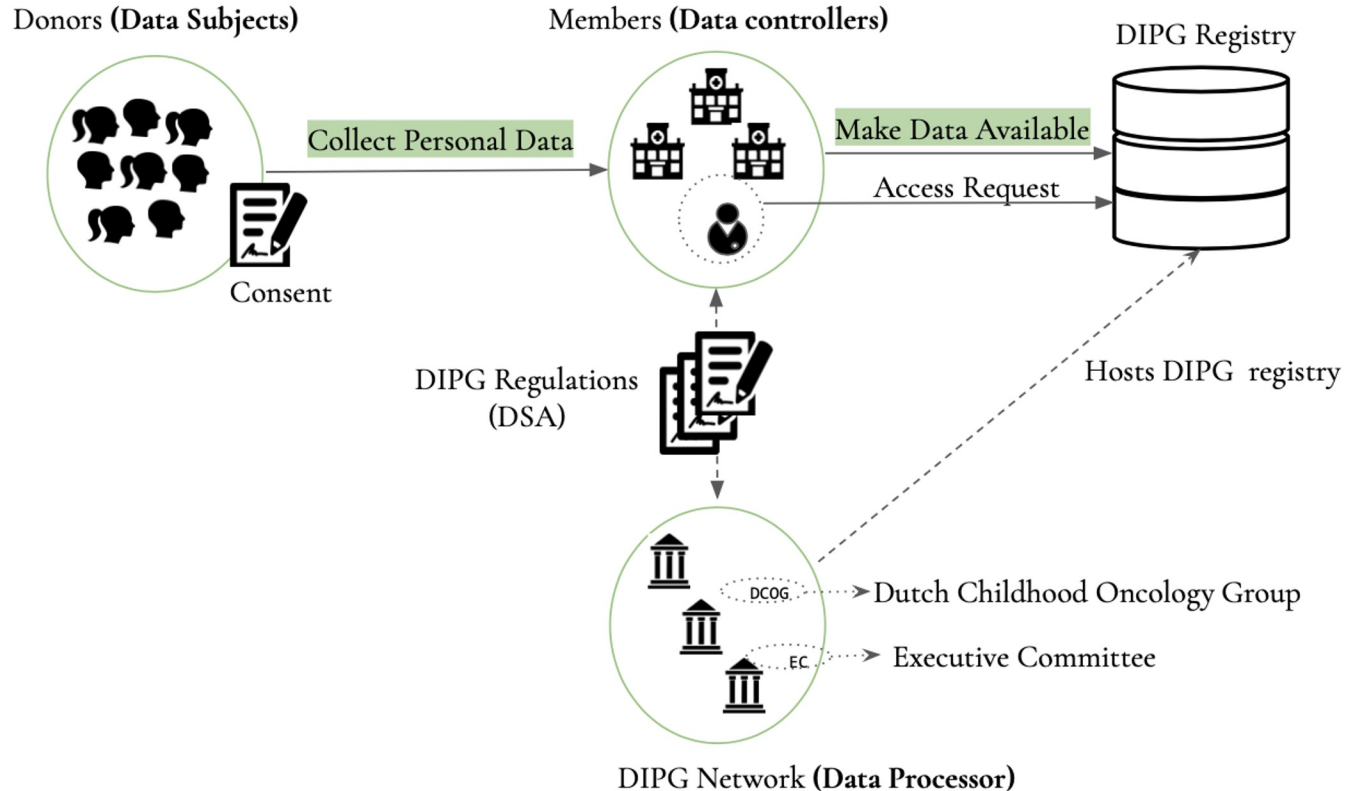
DIPG Prototype

The Amsterdam Data Exchange (AMdEX) fieldlab with UvA and Surf (EPI)

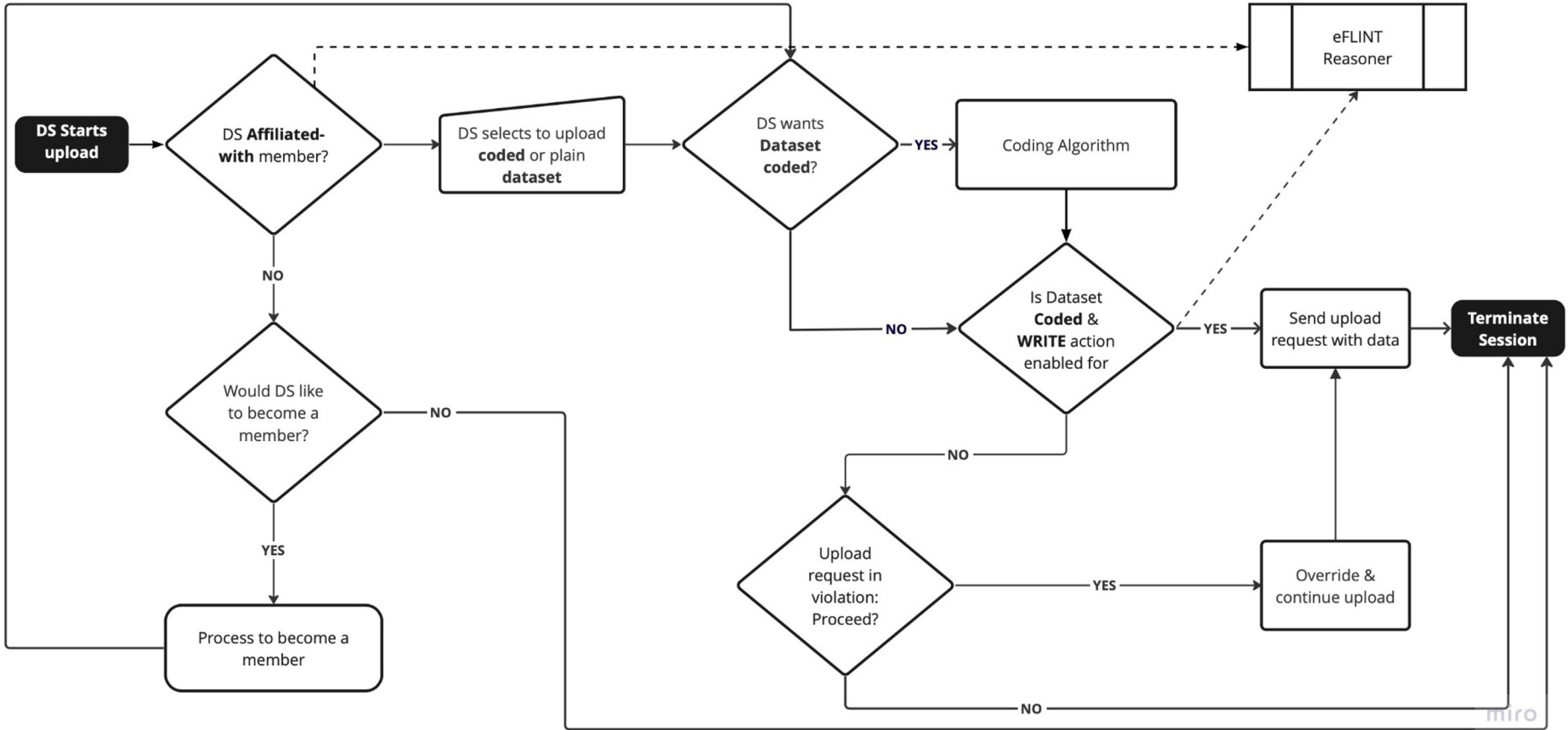
- The fieldlab builds generic, reusable components driven by Use Cases
- DIPG prototype - current practices of the DIPG Registry
- Alternative solution based on one of the AMdEX use-cases

DIPG & UNL Demo

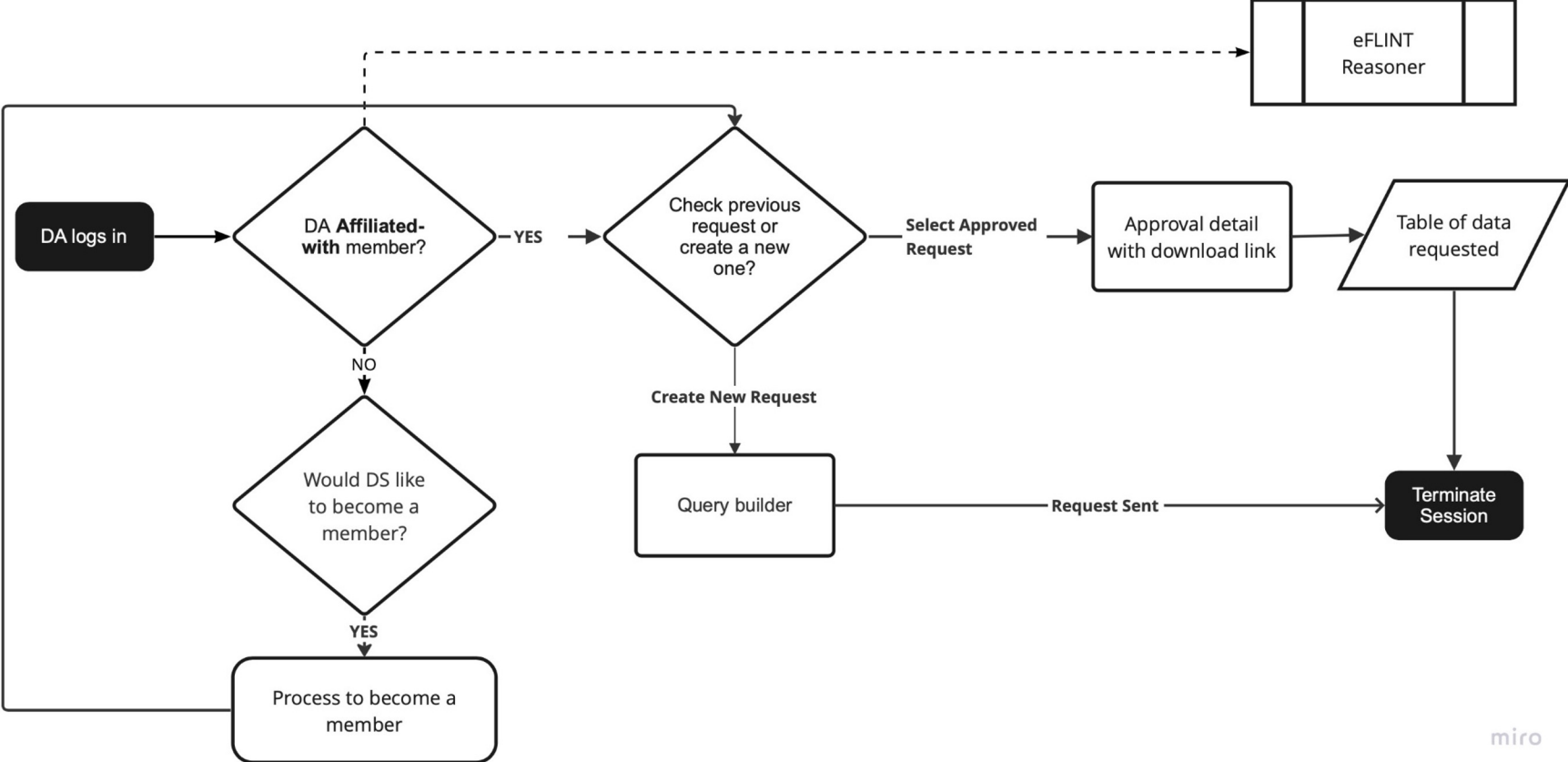
- A Demo of the current DIPG practices



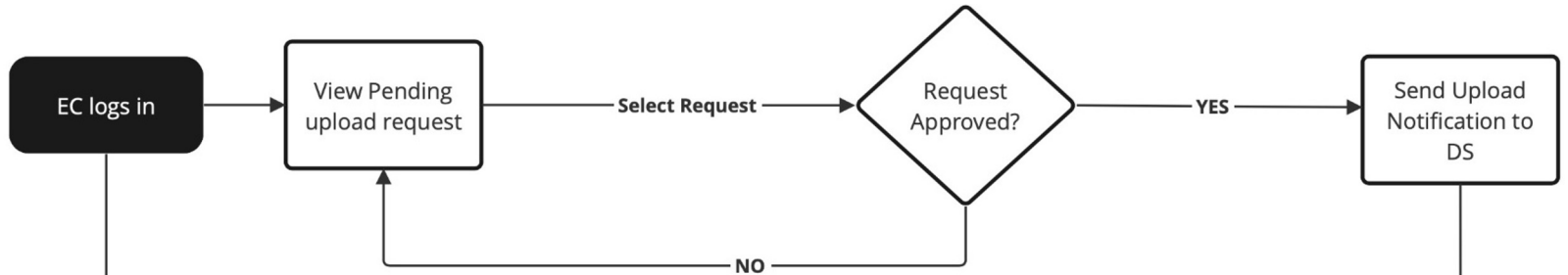
Producer hospital - Uploading data to the DIPG repository



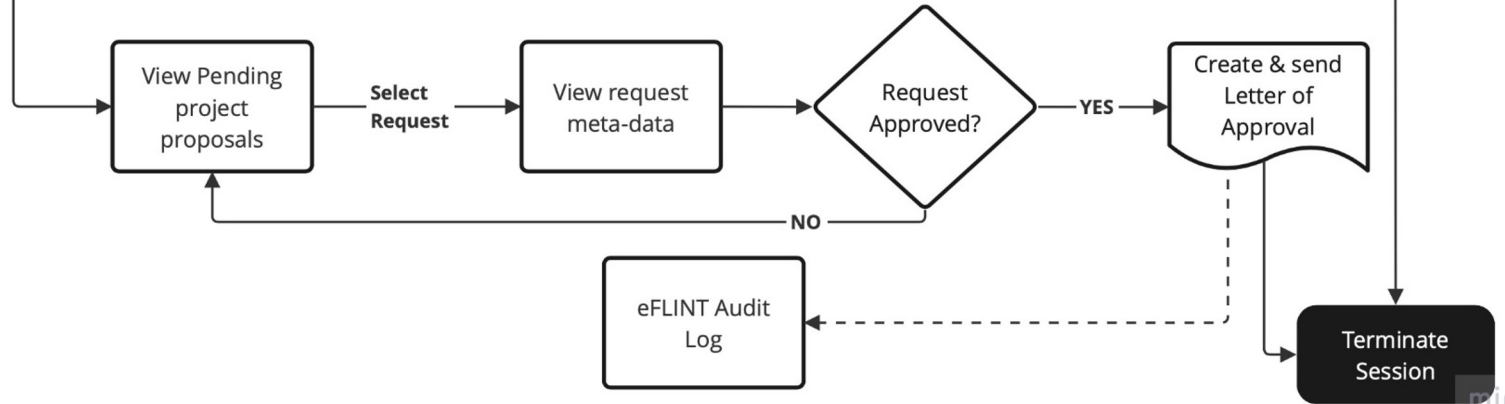
Consumer Hospital-Project Proposal



Approve upload request



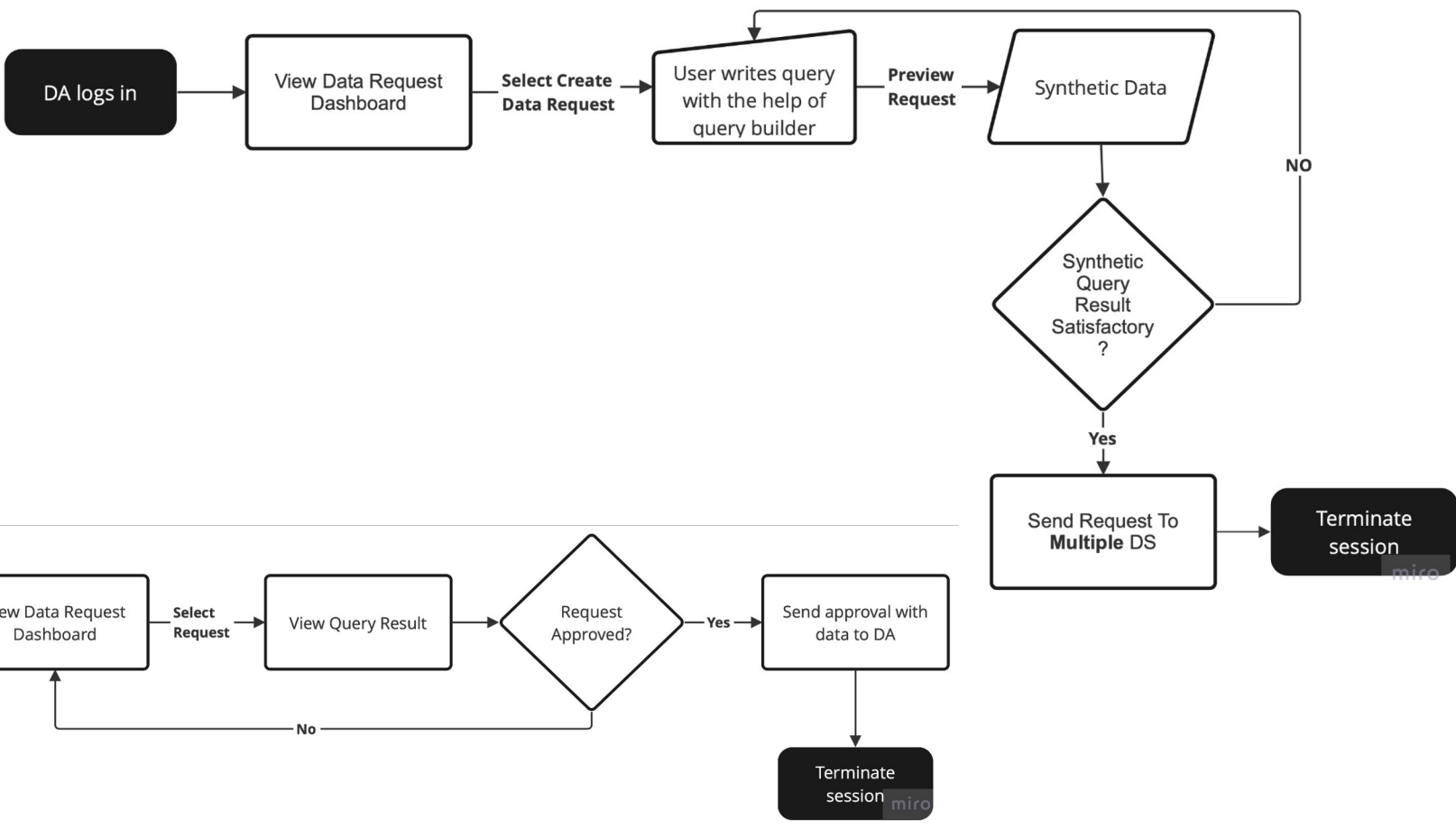
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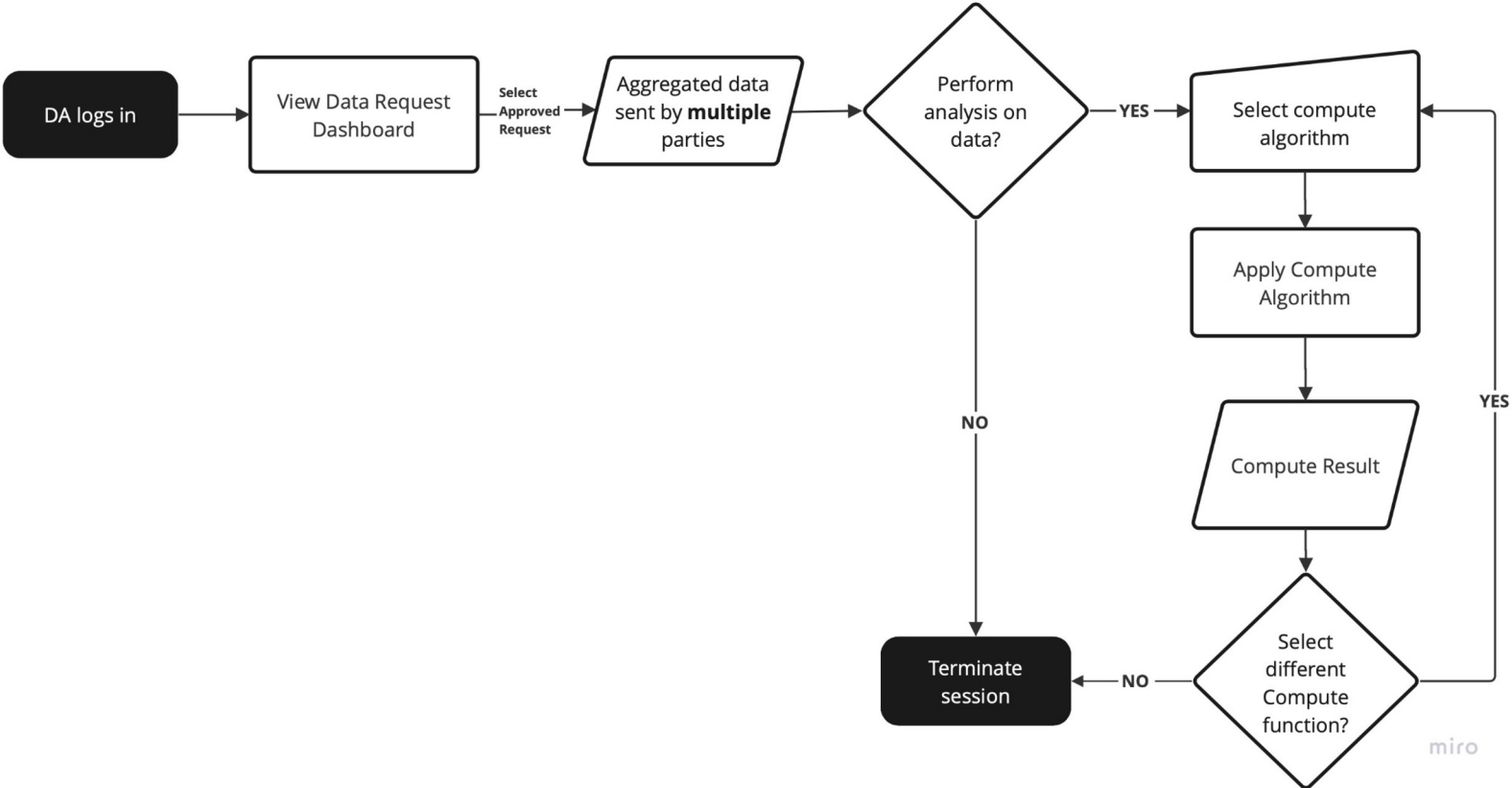
Distributed Data sharing

- Goal - Distributed clinical data sharing
- Main difference
 - Share data with multiple parties
 - Compute on aggregated data
 - E.g Average salaries
 - Apply K-anonymity depending on the type of data requested

Data Request to Multiple Parties



Perform Analysis on Aggregated Data



Current work

- Survey access control compliance to GDPR
- DSA policies - AMdEX Archetypes , Data formats
- St. Antonios Data sharing agreement policies
- Access decision based on purpose (purpose determination and management)
- Trustworthy data sharing infrastructure (With Jamila)