**Data flow Diagram #2: Split databases**

Processes:

1. SUBJECT DE-IDENTIFICATION SYSTEM.
2. CONDUCT EXPERIMENTS.

Entities:

* SUBJECTS.
* LAB.

Data Stores:

* LAB DATABASE
* EXPERIMENT DATABASE

Data flow:

* SUBJECTS send their personal data to their respective LAB DATABASE (i.e. the database of the lab they are participating at).
* SUBJECT DE-IDENTIFICATION SYSTEM sends a query requesting the identified subject data from the LAB DATABASE.
  + The LAB DATABASE sends to SUBJECT DE-IDENTIFICATION SYSTEM the identified subject data.
  + Finally, SUBJECT DE-IDENTIFICATION SYSTEM sends the LAB DATABASE the de-identified subject data to be used in experiments.
* LAB sends LAB DATABASE a query for de-identified subject data.
  + LAB DATABASE sends LAB the requested de-identified data.
* LAB sends CONDUCT EXPERIMENTS the experiment parameters and de-identified subject data.
  + CONDUCT EXPERIMENTS returns to LAB the experiment results.
* CONDUCT EXPERIMENTS sends speech data to the EXPERIMENT DATABASE, where speech data is defined as data containing:
  + De-identified subject code and data.
  + Experiment name.
  + Experiment parameters.
  + Trial index.
  + Trial score.

