METADATA

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WEST WING

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DATA WHEREHOUSE

BUSINESS

ENGINEERING

SCIENCES

Description:

The architecture above shows the data warehouse of the University that houses several departments. The decisions of the architectures is based on the following:

* Latency: Having the warehouses splatted means that the system will easily query results and fetch output very fast because the database is a single entity, single objects are easier to maintain
* Security: A compromise of one database does not affect the other
* Disaster management and recovery: In case one database is corrupted, the other department can always be used for business continuity

The departmental debases further contain other disciplines that they use to store information regardless of the amount of data therein. These pieces of information are what we call metadata, I.e. data of data. The metadata serves both the East and West Wing