

HR Database

(stores personal details & annual reviews)

SQL handler

Authentication DB

Authorisation DB

Authorisation

return file if permitted

Server Controller

4 4 4
clients

Authenticator

session

(login details)

login details

request file
file session

(multiple instances of Controller, each for one user's session)

Personal details.

Inc. HR Director of HR

- Read permission check:

- Is this person in HR?

↳ else does this file "pertain to this user?"

↳ else - no.

- Amend permissions:

- Person in HR

↳ else belongs to this user?

Authenticating

↳ who should be allowed to create new users

↳ remove user
↳ alter permissions

SQL handler

- handles queries, creates DB if nonexistent