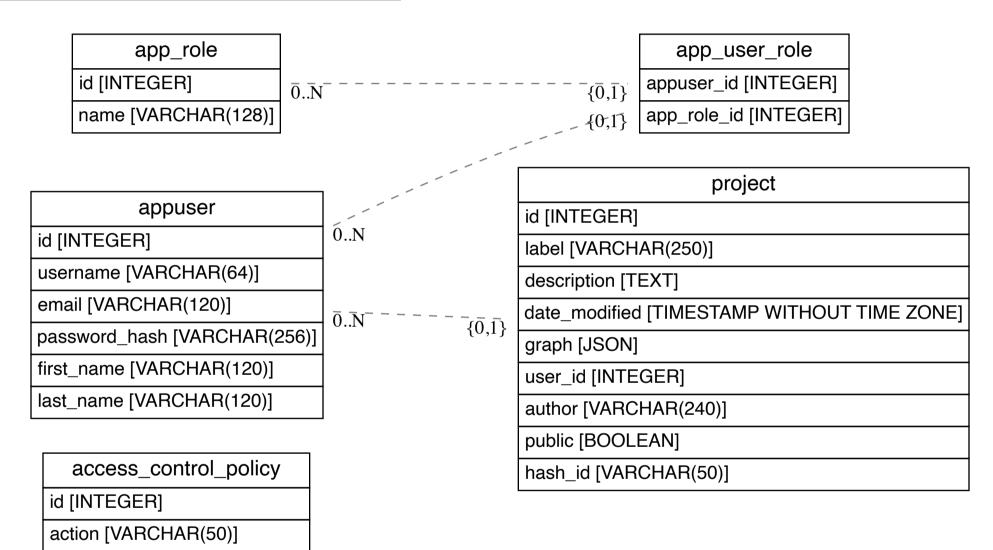**files**
- id [INTEGER]
- file_id [VARCHAR(36)]
- filename [VARCHAR(60)]
- raw_file [BYTEA]
- username [VARCHAR(30)]
- creation_date [TIMESTAMP WITHOUT TIME ZONE]
- annotations [JSONB]

app_role
- id [INTEGER]
- name [VARCHAR(128)]

app_user_role
- appuser_id [INTEGER]
- app_role_id [INTEGER]

appuser
- id [INTEGER]
- username [VARCHAR(64)]
- email [VARCHAR(120)]
- password_hash [VARCHAR(256)]
- first_name [VARCHAR(120)]
- last_name [VARCHAR(120)]

project
- id [INTEGER]
- label [VARCHAR(250)]
- description [TEXT]
- date_modified [TIMESTAMP WITHOUT TIME ZONE]
- graph [JSON]
- user_id [INTEGER]
- author [VARCHAR(240)]
- public [BOOLEAN]
- hash_id [VARCHAR(50)]

access_control_policy
- id [INTEGER]
- action [VARCHAR(50)]
- asset_type [VARCHAR(200)]
- asset_id [INTEGER]
- principal_type [VARCHAR(50)]
- principal_id [INTEGER]
- rule_type [accessruletype]

alembic_version
- version_num [VARCHAR(32)]

Relationships:
- app_role 0..N —— {0,1} app_user_role
- appuser 0..N —— {0,1} app_user_role
- appuser 0..N —— {0,1} project