Entidades:

User(<u>Username</u>, City, Country, Name, Email1, Email2);
Premium(<u>Username</u>, Tier, expiry_date);
Admin(<u>Username</u>, Department, Permissions);
Organization(<u>id</u>, name, created_at);
Repository(<u>Username</u>, <u>name</u>, url, colaborators, created_at, updated_at)
    Username → User(Username);
    !!!!!!!! colaborators possível atributo multivalorado, criar outra relação
Sponsors(<u>id</u>, quantity, message)
Branch(<u>id</u>, Username!, name, updated_at, created_at)
    Username → Repository(Username) (relacionamento N:1 – Branch:Repository);
Commit(<u>hash</u>, id!, created_at, message)
    id → Branch(id) (relacionamento N:1 – Commit:Branch);
File(<u>id</u>, Username!, hash, name, updated_at, created_at)
    hash → Commit(hash) (relacionamento N:1 – File:Commit)
    Username → User(Username) (relacionamento N:1 – File:User);

Relacionamentos:

Contributes(<u>organization-id</u>, <u>Username</u>, <u>sponsor-id</u>)
    organization-id → Organization(id)
    Username → Repository(Username);
    sponsor-id → Sponsors(id)
Follow(<u>Followed</u>, <u>Follows</u>)
    Followed → User(Username)
    Follows → User(Username);
UserHasOrg(<u>id</u>, <u>Username</u>)
    id → Organization(id)
    Username → User(Username);