-- Role Definitions

CREATE TYPE user\_role\_type AS ENUM (

'full\_access',

'content\_only',

'exercises\_only',

'training\_exercises',

'posting\_exercises'

);

-- Role Permissions Table

CREATE TABLE role\_permissions (

role user\_role\_type PRIMARY KEY,

permissions JSONB NOT NULL,

description TEXT NOT NULL,

upgrade\_path JSONB

);

-- User Role Assignment

ALTER TABLE user\_profiles

ADD COLUMN role user\_role\_type NOT NULL DEFAULT 'exercises\_only';

-- Insert base permissions

INSERT INTO role\_permissions (role, permissions, description, upgrade\_path) VALUES

(

'full\_access',

'{

"content": true,

"exercises": true,

"training": true,

"posting": true,

"calendar": true

}',

'Complete access to all Ghostart features',

null

),

(

'content\_only',

'{

"content": true,

"exercises": false,

"training": false,

"posting": false,

"calendar": false

}',

'Access to content library only',

'{"next\_tier": "posting\_exercises", "features": ["posting", "exercises"]}'

),

-- ... other roles