

User	
PK	user_id: UUID
IX1	created: Date
IX2	connected: Date
UQ1	oauth_key: String
UQ2	display_name: String

Gallery	
PK	gallery_id: UUID
FK1	user_id: UUID
	created: Date
	updated: Date
IX1	title: String
	description: String (N)

CelestialObject	
PK	<u>celestial_object_id: UUID</u>
	created: Date
	updated: Date
IX1	name: String
	altitude: double (N)
	azimuth: double (N)
	right_ascension: double (N)
	declination: double (N)
	cartesian_x: double (N)
	cartesian_y: double (N)
	cartesian_z: double (N)

CelestialObjectImage	
FK1	celestial_object_id: UUID
FK2	image_id: UUID

Image	
PK	image_id: UUID
FK1	user_id: UUID
FK2	gallery_id: UUID (N)
IX1	created: Date
	updated: Date
IX2	title: String
	caption: String (N)
	path: String
	content_type: String (N)

A user can create multiple galleries, and a gallery must be associated with a user.

A user can upload many images, and an image must be associated with a user.

A gallery must be (eventually) associated with at least one image. At first a gallery can be made without image association.

A single image can encompass many celestial objects, and a celestial object may be associated with many images.