

SB_22.04.15 Documentation

Link to schema: <https://app.quickdatabasediagrams.com/#/d/cUL7EJ>

Region

01.02. CraigsList

Region, Users (id, preferred region), Posts, Categories

Region/User: 1/M, 1 region has many users, 1 user has 1 regiontype

Region/Post: 1/1

User/Post: 1/M, 1 user has ≥ 0 posts, 1 post has 1 user

Post/Categories: M/M, 1 post has ≥ 1 categor(ies), 1 category has ≥ 0 post(s)

1 post appears at least once on the join; 1 post

1 category appears ≥ 0 times on the join; 1 join has ≥ 0 categories

Field	Description	Type	Default	Other
regionPointer		bigserial		PK
regionName		text		
geolocationData		text		

User

Field	Description	Type	Default	Other
userID		bigserial		PK
preferredRegion		bigserial		FK
username	change accordingly	varchar(16)		
hashedPassword	change accordingly to the password	varchar(N)		

Post

Field	Description	Type	Default	Other
postPointer	maybe text, to include region info	bigserial		PK
preferredRegion		bigserial		FK
postDescription		text		

PostCategoryJOIN

Field	Description	Type	Default	Other
postcategoryPointer		bigserial		PK
postID		bigint		FK
categoryID		smallint		FK

Categories

Field	Description	Type	Default	Other
categoryPointer		smallint		PK
categoryName		text		