Notes

Relationship

* If a table holds foreign key then its model hold belongsTo & on the other side holds hasMany
* Like if a table named notes holds user\_id then notes table belongsTo user table & users table holds hasMany relationship.

Extract data from many-to-many relationship

* Relationship

public function projects() {

return $this->belongsToMany('App\Project','projects\_users');

}

* Extract data like we want to know the users of the project
* $project = App\Project::find($project\_id)
* $project->users
* Here users is the method in the Project model.
* Then loop through like
* // loop through all tags for a given post
* @foreach $project->users as $user)
* {{ $user->name }}
* @endforeach
* // loop through all posts tagged with a given tag
* @foreach ($user->projects as $project)
* {{ $project->title }}
* @endforeach

Add new column in the database table

* php artisan make:migration add\_brief\_number\_to\_works\_table
* public function up()
* {
* Schema::table('works', function($table)
* {
* $table->integer('brief\_number');
* });
* }
* php artisan migrate

public function down()

{

Schema::table('works', function (Blueprint $table) {

$table->dropColumn('brief\_number');

});

}

Retrieve data from two or more table

\*\*

\* Relationships

\*/

#Customer model

public function restaurant(){

return $this -> hasOne('Restaurant');

}

#Pos model

public function restaurant(){

return $this -> hasOne('Restaurant');

}

#Restaurant model

public function customer(){

return $this->belongsTo('Customer');

}

public function inventory(){

return $this->belongsTo('Pos');

}

/\*\*

\* Eagerloading(probably on controller)

\*/

$pos\_list = Pos::with(['restaurant', 'restaurant.customer'])->get();

dd($pos\_list);