

Display-Has-Many-Through

<https://learn.co/tracks/full-stack-web-dev-with-react/rails/associations-and-rails/displaying-has-many-through>
<https://github.com/learn-co-students/has-many-through-forms-rails-v-000>

BEST WAY TO GENERATE RESOURCES

Generating Resource Doctor:

```
# rails g resource Doctor name:string department:string --no-test-framework --no-assets --no-helper

Running via Spring preloader in process 14559
  invoke  active_record
  create  db/migrate/20170705124447_create_doctors.rb
  create  app/models/doctor.rb
  invoke  controller
  create  app/controllers/doctors_controller.rb
  invoke  erb
  create  app/views/doctors
  invoke  resource_route
  route   resources :doctors
```

Generating Resource Patient:

```
# rails g resource Patient name:string age:integer --no-test-framework --no-assets --no-helper

Running via Spring preloader in process 14657
  invoke  active_record
  create  db/migrate/20170705124917_create_patients.rb
  create  app/models/patient.rb
  invoke  controller
  create  app/controllers/patients_controller.rb
  invoke  erb
  create  app/views/patients
  invoke  resource_route
  route   resources :patients
```

Generating Resource Appointment:

```
# rails g resource Appointment doctor_id:integer patient_id:integer appointment_datetime:datetime --no-
test-framework --no-assets --no-helper

Running via Spring preloader in process 14761
  invoke  active_record
  create  db/migrate/20170705125135_create_appointments.rb
  create  app/models/appointment.rb
  invoke  controller
  create  app/controllers/appointments_controller.rb
  invoke  erb
  create  app/views/appointments
  invoke  resource_route
  route   resources :appointments
```

Associations:

```
# vim -0 app/models/*.rb
# tail -n +1 app/models/*.rb

==> app/models/appointment.rb <==
class Appointment < ActiveRecord::Base
  belongs_to :doctor
  belongs_to :patient
end

==> app/models/doctor.rb <==
class Doctor < ActiveRecord::Base
  has_many :appointments
  has_many :patients, through: :appointments
end

==> app/models/patient.rb <==
class Patient < ActiveRecord::Base
  has_many :appointments
  has_many :doctors, through: :appointments
end
```