

PARTE 3 PC2

1. Creamos la app de Rails

Para ello anteriormente debimos de instalar ruby, rails y bundler

```
aushalten2@aushalten2-NBLB-WAK9N: ~/rottenpotatoes
aushalten2@aushalten2-NBLB-WAK9N: ~/rottenpotatoes
aushalten2@aushalten2-NBLB-WAK9N: ~/rottenpotatoes$ cd
aushalten2@aushalten2-NBLB-WAK9N: $ cd rottenpotatoes/
aushalten2@aushalten2-NBLB-WAK9N: ~/rottenpotatoes$ ls
app bin config config.ru db Dockerfile Gemfile Gemfile.lock lib log public Rakefile README.md storage test tmp vendor
aushalten2@aushalten2-NBLB-WAK9N: ~/rottenpotatoes$
```

2. Lo desplegamos localmente

Al cambiar la version de sqlite a 1.3.13 anteriormente era 1.14.x y desplegarlo localmente habia errores en la gema puma. Por lo que decidi volver a la version anterior que es 1.14

Usando el comando rails s -p {port}, en este caso es el puerto 3000

```
aushalten2@aushalten2-NBLB-WAK9N: ~/rottenpotatoes$ rails s -p 3000
=> Booting Puma
=> Rails 7.1.0 application starting in development
=> Run 'bin/rails server --help' for more startup options
Puma starting in single mode...
* Puma version: 6.4.0 (ruby 3.2.2-p53) ("The Eagle of Durango")
* Min threads: 5
* Max threads: 5
* Environment: development
* PID: 30287
* Listening on http://127.0.0.1:3000
* Listening on http://:::3000
Use Ctrl-C to stop
Started GET "/" for ::1 at 2023-10-11 08:14:07 -0500
(0.0ms) CREATE TABLE "schema_migrations" ("version" varchar NOT NULL PRIMARY KEY)
(0.1ms) CREATE TABLE "aj_internal_metadata" ("key" varchar NOT NULL PRIMARY KEY, "value" varchar, "created_at" datetime(6) NOT NULL, "updated_at" datetime(6) NOT NULL)
ActiveRecord::SchemaMigration Load (0.0ms)
Processing by Rails::WelcomeController#index as HTML
Rendering /home/aushalten2/.rvm/gems/3.2.2/ruby/gems/3.2.0/gems/railties-7.1.0/lib/rails/templates/rails/welcome/index.html.erb
Rendered /home/aushalten2/.rvm/gems/3.2.2/ruby/gems/3.2.0/gems/railties-7.1.0/lib/rails/templates/rails/welcome/index.html.erb (Duration: 0.9ms | Allocations: 373)
Completed 200 OK in 38ms (Views: 5.0ms | ActiveRecord: 0.0ms | Allocations: 7874)
```

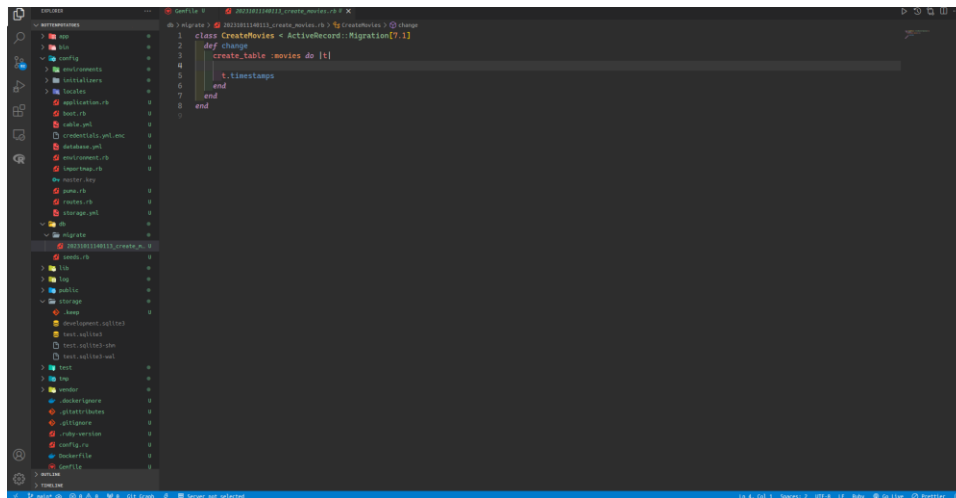
Al abrir la aplicación podemos ver que se desplegó correctamente



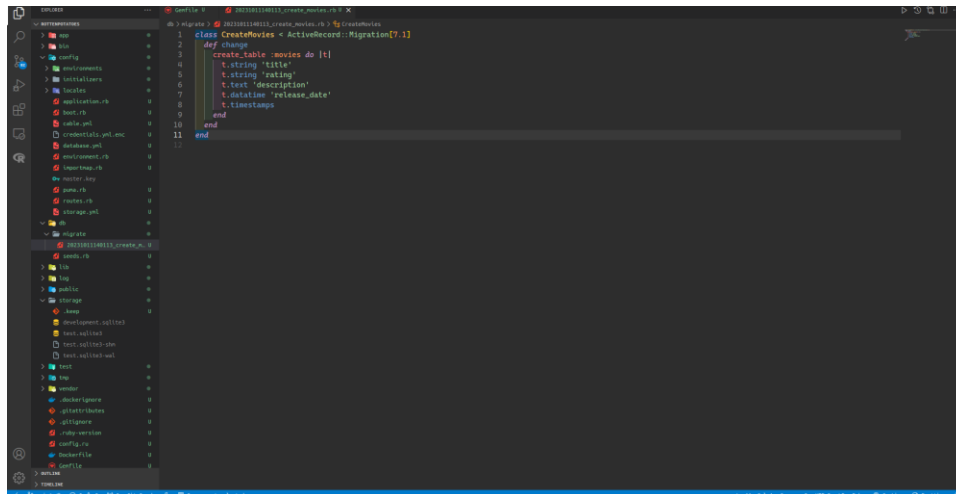
3. Migraciones en la base de datos para evitar DRY

En esta parte se realizó migraciones, el archivo que se ve en la imagen, se creo con el comando rails generate migration create_movies

Con lo que se crea un archivo .rb de nombre {fecha}_create_movie.rb en la carpeta db



En este le pedimos que cree una tabla :movies. Con esos campos, title rating description release_date



Para crear esa base de datos, usamos el comando rails db:migrate. Para que ese archivo .rb realice cambios

Usaremos rails console

```
Activities Terminal Oct 12 13:29 aushalten12@aushalten12-NBLS-WAX9N: ~/Desktop/rottenpotatoes

aushalten12@aushalten12-NBLS-WAX9N: ~/Desktop/rottenpotatoes
aushalten12@aushalten12-NBLS-WAX9N: ~/Desktop/rottenpotatoes$ rails console
Loading development environment (Rails 7.1.0)
irb(main):001:0> Movie.new
=> #<Movie:0x00002fde3a0000 id: nil, title: nil, rating: nil, descriptions: nil, release_date: nil, created_at: nil, updated_at: nil>
irb(main):002:0> Movie.first
Movie Load (8.1ms) SELECT "movies".* FROM "movies" ORDER BY "movies"."id" ASC LIMIT ? [[{"LIMIT", 1}]
=> nil
irb(main):003:0>
```

Vemos que se crea la clase Movie, pero al pedir el primer registro de la tabla movies, retorna nil. Por lo que en db/seeds.rb ingresamos algunos registros

```
db/seeds.rb
1 # This file should ensure the existence of records required to run the application in every environment (production,
2 # development, test). The code here should be idempotent so that it can be executed at any point in every environment.
3 # The data can then be loaded with the bin/rails db:seed command (or created alongside the database with db:setup).
4 #
5 # Example:
6 #
7 # ["Action", "Comedy", "Drama", "Horror"].each do |genre_name|
8 #   MovieGenre.find_or_create_by(name: genre_name)
9 # end
10
11 more_movies = [
12   {title => 'Ganibal', :rating => 'G',
13     :release_date => '25-Nov-1992'},
14   {title => 'Fuerte bruta', :rating => 'R',
15     :release_date => '21-Jul-1989'},
16   {title => 'The Ring', :rating => 'PG-13',
17     :release_date => '18-Aug-2011'},
18   {title => 'Alien: The Return', :rating => 'PG',
19     :release_date => '12-Jun-1981'}
20 ]
21
22 more_movies.each do |movie| Movie.create(movie) end
```

Ahora al hacer Movie.first, ya nos muestra los campos de la pelicula con id = 1. Se puede ver que se uso una consulta SQL

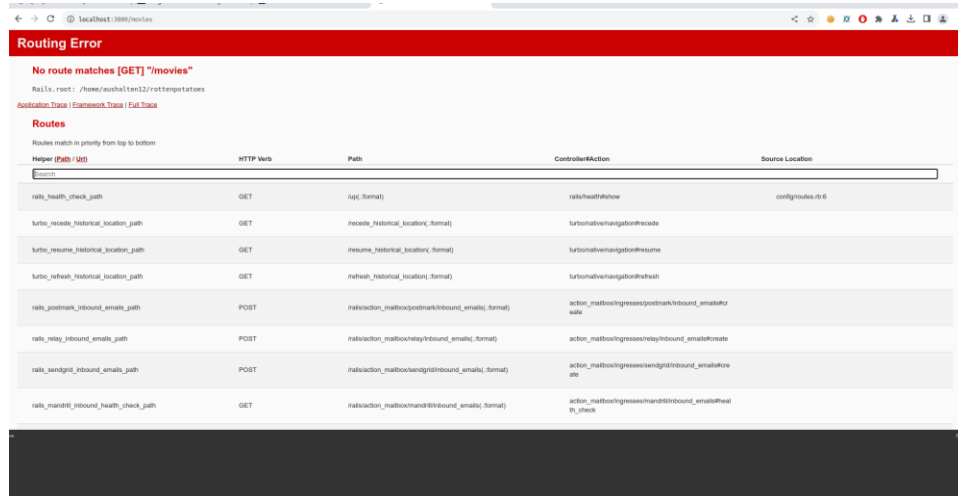
```

aushalten12@aushalten12-MBLB-00X790: ~/rottenpotatoes
aushalten12@aushalten12-MBLB-00X790: ~/rottenpotatoes$ rake db:seed
aushalten12@aushalten12-MBLB-00X790: ~/rottenpotatoes$ rails console
Loading development environment (Rails 7.1.0)
irb(main):001> Movie.new
=> #<Movie:0x00007f80d19a5358 id: nil, title: nil, rating: nil, description: nil, release_date: nil, created_at: nil, updated_at: nil>
irb(main):002> Movie.first
=> #<Movie:0x00007f80d19a5358 id: 1, title: "Amishul", rating: "G", description: nil, release_date: Mon, 25 Nov 1992 00:00:00.000000000 UTC +00:00, created_at: Mon, 11 Oct 2023 14:35:25.693153800 UTC +00:00, updated_at: Mon, 11 Oct 2023 14:35:25.693153800 UTC +00:00>
irb(main):003>

```

4. Crear rutas, acciones y vistas CRUD

Al ingresar a la ruta /movies nos da un error. Por lo que esa ruta no esta definida en la aplicación



Para ello en config/routes.rb, hacemos el redireccionamiento

[illegible]

← → ↻ ↺ Localhost:3000/movies

Movies

Title: Gambal

Rating: G

Description:

Release date: 1992-11-25 00:00:00 UTC

[Show this movie](#)

Title: Fuozza brata

Rating: R

Description:

Release date: 1989-07-28 00:00:00 UTC

[Show this movie](#)

Title: The Ring

Rating: PG-13

Description:

Release date: 2011-06-10 00:00:00 UTC

[Show this movie](#)

Title: Alien: The Return

Rating: PG

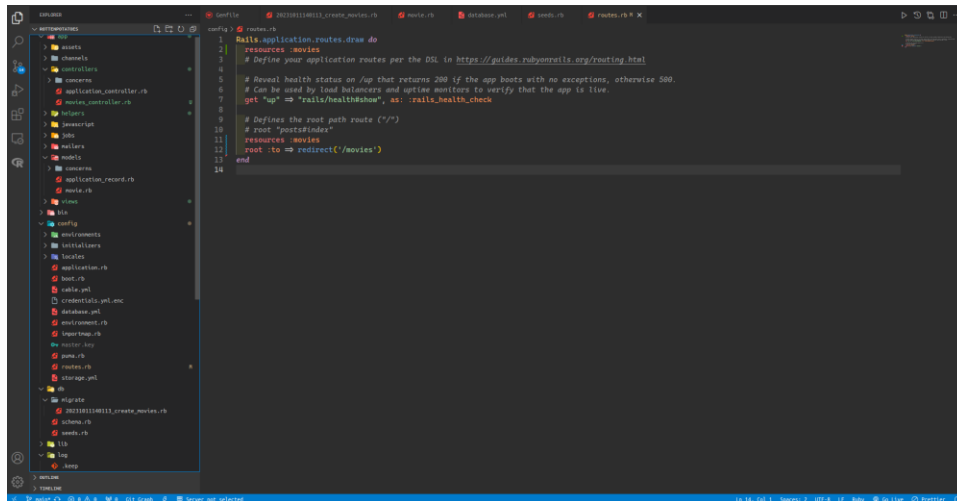
Description:

Release date: 1981-06-12 00:00:00 UTC

[Show this movie](#)

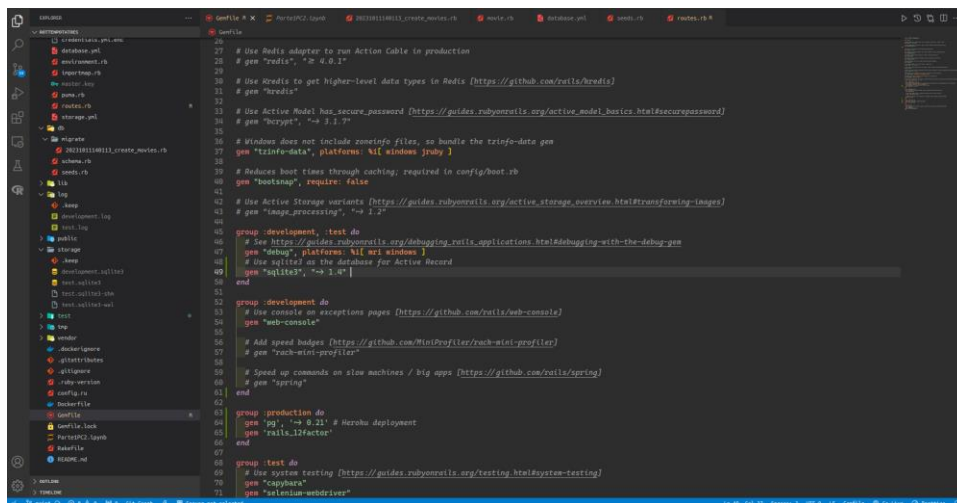
[New movie](#)

Se puede ver que ahora si aparecen los campos de la base de datos, sin estilos



Los archivos en verde son los que fueron agregados gracias al comando ejecutado anteriormente. Vemos que se crearon archivos en las carpetas views, controllers y en helpers

5. Despliegue en Heroku



Para desplegar heroku necesitamos de la gema pg pero solo en producción, no en desarrollo ni en test

```

-curl
-ruby/home/sushant12/.rbenv/versions/3.2.2/lib/svm/BUND_NAME
-with-pg
-with-pg-dir
--enable-windows-cross
--disable-windows-cross
-with-pg-config
-with-pg-dir
--without-pg_config
-without-pg_dir
-with-pg-include
-without-pg-include$pg-dir/include
-with-pg-lib
-without-pg-lib$pg-dir/lib

```

To see why this extension failed to compile, please check the `nmf.log` which can be found here:

```

/home/sushant12/.rbenv/versions/3.2.2/lib/ruby/gems/3.2.0/extensions/arm64-linux/3.2.0/pg-2.1.0/nmf.log

```

It should fail, exit code 1

```

gem files will remain installed in /home/sushant12/.rbenv/versions/3.2.2/lib/ruby/gems/3.2.0/gems/pg-2.1.0, for inspection.
Results listed by /home/sushant12/.rbenv/versions/3.2.2/lib/ruby/gems/3.2.0/extensions/arm64-linux/3.2.0/pg-2.1.0/gem_make.out

```

```

/home/sushant12/.rbenv/versions/3.2.2/lib/ruby/gems/3.2.0/rubygems/ext/builder.rb:110:in 'rescue'
/home/sushant12/.rbenv/versions/3.2.2/lib/ruby/3.2.0/rubygems/ext/ext_builder.rb:187:in 'build'
/home/sushant12/.rbenv/versions/3.2.2/lib/ruby/3.2.0/rubygems/ext/builder.rb:187:in 'build_extension'
/home/sushant12/.rbenv/versions/3.2.2/lib/ruby/3.2.0/rubygems/ext/builder.rb:221:in 'block in build_extensions'
/home/sushant12/.rbenv/versions/3.2.2/lib/ruby/3.2.0/rubygems/ext/builder.rb:221:in 'each'
/home/sushant12/.rbenv/versions/3.2.2/lib/ruby/3.2.0/rubygems/ext/builder.rb:238:in 'build_extensions'
/home/sushant12/.rbenv/versions/3.2.2/lib/ruby/gems/3.2.0/gems/bundler-2.4.19/lib/bundler/rubygems_ext_installer.rb:72:in 'build_extensions'
/home/sushant12/.rbenv/versions/3.2.2/lib/ruby/gems/3.2.0/gems/bundler-2.4.19/lib/bundler/source/rubygems.rb:120:in 'install'
/home/sushant12/.rbenv/versions/3.2.2/lib/ruby/gems/3.2.0/gems/bundler-2.4.19/lib/bundler/installer/gem_installer.rb:54:in 'install'
/home/sushant12/.rbenv/versions/3.2.2/lib/ruby/gems/3.2.0/gems/bundler-2.4.19/lib/bundler/installer/gem_installer.rb:16:in 'install_from_spec'
/home/sushant12/.rbenv/versions/3.2.2/lib/ruby/gems/3.2.0/gems/bundler-2.4.19/lib/bundler/installer/parallel_installer.rb:136:in 'do_install'
/home/sushant12/.rbenv/versions/3.2.2/lib/ruby/gems/3.2.0/gems/bundler-2.4.19/lib/bundler/installer/parallel_installer.rb:16:in 'block in worker'
/home/sushant12/.rbenv/versions/3.2.2/lib/ruby/gems/3.2.0/gems/bundler-2.4.19/lib/bundler/worker.rb:62:in 'apply_func'
/home/sushant12/.rbenv/versions/3.2.2/lib/ruby/gems/3.2.0/gems/bundler-2.4.19/lib/bundler/worker.rb:137:in 'block in process_queue'
/home/sushant12/.rbenv/versions/3.2.2/lib/ruby/gems/3.2.0/gems/bundler-2.4.19/lib/bundler/worker.rb:134:in 'loop'
/home/sushant12/.rbenv/versions/3.2.2/lib/ruby/gems/3.2.0/gems/bundler-2.4.19/lib/bundler/worker.rb:90:in 'block (2 levels) in create_threads'

```

an error occurred while installing pg (2.1.0), and bundler cannot continue.

```

PG
/home/sushant12/.ssh/sushant12-MOLB-WK9W9/-postgres@date2025-11-11

```

Al ejecutar bundle install no se puede por la nueva gema pg por lo que se usa bundle install --without production, para que se instalen todas las gemas pero no las de produccion. Sin embargo en Gemfile.lock si estará la gema pg, ya que a heroku solo se le envia Gemfile.lock

```

activation | Terminal | Oct 31 09:38 • - /root/.ssh/potatoes
aushalten1@aushalten12-NBLS-WA93N: ~/rottenpotatoes
/home/aushalten1/.rvm/rubies/ruby-3.2.2/lib/ruby/gems/3.2.0/extensions/x86_64-linux/3.2.0/pp-0.21.0/mef.log
outconf failed, exit code 1

gem files will remain installed in /home/aushalten1/.rvm/rubies/ruby-3.2.2/lib/ruby/gems/3.2.0/gems/pp-0.21.0 for inspection
Install 1 signed by /home/aushalten1/.rvm/rubies/ruby-3.2.2/lib/ruby/gems/3.2.0/extensions/x86_64-linux/3.2.0/gem-2.21.0/gem.gem.out

/home/aushalten12/.rvm/rubies/ruby-3.2.2/lib/ruby/gems/3.2.0/rubygems/ext/builder.rb:119:in "rm"
/home/aushalten12/.rvm/rubies/ruby-3.2.2/lib/ruby/gems/3.2.0/rubygems/ext/conf_builder.rb:27:in "build"
/home/aushalten12/.rvm/rubies/ruby-3.2.2/lib/ruby/gems/3.2.0/rubygems/ext/builder.rb:187:in "build_extensions"
/home/aushalten12/.rvm/rubies/ruby-3.2.2/lib/ruby/gems/3.2.0/rubygems/ext/builder.rb:221:in "block in build_extensions"
/home/aushalten12/.rvm/rubies/ruby-3.2.2/lib/ruby/gems/3.2.0/rubygems/ext/builder.rb:218:in "each"
/home/aushalten12/.rvm/rubies/ruby-3.2.2/lib/ruby/gems/3.2.0/rubygems/ext/builder.rb:226:in "block in build_extensions"
/home/aushalten12/.rvm/rubies/ruby-3.2.2/lib/ruby/gems/3.2.0/rubygems/installer.rb:863:in "build_extensions"
/home/aushalten12/.rvm/rubies/ruby-3.2.2/lib/ruby/gems/3.2.0/gem/bundler-2.4.19/lib/bundler/rubygems_gem_installer.rb:72:in "build_extensions"
/home/aushalten12/.rvm/rubies/ruby-3.2.2/lib/ruby/gems/3.2.0/gem/bundler-2.4.19/lib/bundler/rubygems_gem_installer.rb:28:in "install"
/home/aushalten12/.rvm/rubies/ruby-3.2.2/lib/ruby/gems/3.2.0/gem/bundler-2.4.19/lib/bundler/auxiliary/rubygems.rb:202:in "install"
/home/aushalten12/.rvm/rubies/ruby-3.2.2/lib/ruby/gems/3.2.0/gem/bundler-2.4.19/lib/bundler/installer/gem_installer.rb:45:in "install"
/home/aushalten12/.rvm/rubies/ruby-3.2.2/lib/ruby/gems/3.2.0/gem/bundler-2.4.19/lib/bundler/installer/gem_installer.rb:16:in "install_from_spec"
/home/aushalten12/.rvm/rubies/ruby-3.2.2/lib/ruby/gems/3.2.0/gem/bundler-2.4.19/lib/bundler/installer/parallel_installer.rb:136:in "do_install"
/home/aushalten12/.rvm/rubies/ruby-3.2.2/lib/ruby/gems/3.2.0/gem/bundler-2.4.19/lib/bundler/installer/parallel_installer.rb:38:in "block in worker_pool"
/home/aushalten12/.rvm/rubies/ruby-3.2.2/lib/ruby/gems/3.2.0/gem/bundler-2.4.19/lib/bundler/workset.rb:62:in "apply_func"
/home/aushalten12/.rvm/rubies/ruby-3.2.2/lib/ruby/gems/3.2.0/gem/bundler-2.4.19/lib/bundler/workset.rb:57:in "block in process_queue"
/home/aushalten12/.rvm/rubies/ruby-3.2.2/lib/ruby/gems/3.2.0/gem/bundler-2.4.19/lib/bundler/workset.rb:34:in "loop"
/home/aushalten12/.rvm/rubies/ruby-3.2.2/lib/ruby/gems/3.2.0/gem/bundler-2.4.19/lib/bundler/workset.rb:34:in "process_queue"
/home/aushalten12/.rvm/rubies/ruby-3.2.2/lib/ruby/gems/3.2.0/gem/bundler-2.4.19/lib/bundler/workset.rb:10:in "block (2 levels) in create_threads"

An error occurred while installing pp (0.21.0), and bundler cannot continue.

In Gemfile:
  ps
  aushalten1@aushalten12-NBLS-WA93N: ~$otto@potatoes$ bundle install --without production
[DEPRECATED] The "--without" flag is deprecated because it relies on being remembered across bundler invocations, which bundler will no longer do in future versions. Instead please use `bundle config set --local 'without' production` and stop using this flag
Fetching gem metadata from https://rubygems.org/.....
Resolving dependencies...
Bundled complete! 58 Gemfile dependencies, 82 gems now installed.
Gems in the group 'production' were not installed.
Use `bundle info [gemname]` to see where a bundled gem is installed.
aushalten1@aushalten12-NBLS-WA93N: ~$otto@potatoes$ heroku login
heroku Press any key to open the browser to log in & exit!
Opening browser to https://cli-auth.heroku.com/auth/cli/heroku?ref=7867281-16c4-4bb8-997f-998ad01d879?requestor=3FRMYnL_gZgD6QAAAAXxwKt1xvC4yOGAGAGAN-LAMTAYsa_Y8mgJkVedYvYma_Zzj_OHXSZwnIzfPqpguQ_16X6
Logging in... done
Logged in as joshua@heroku168@gmail.com
aushalten1@aushalten12-NBLS-WA93N: ~/rottenpotatoes$ heroku create

```

```

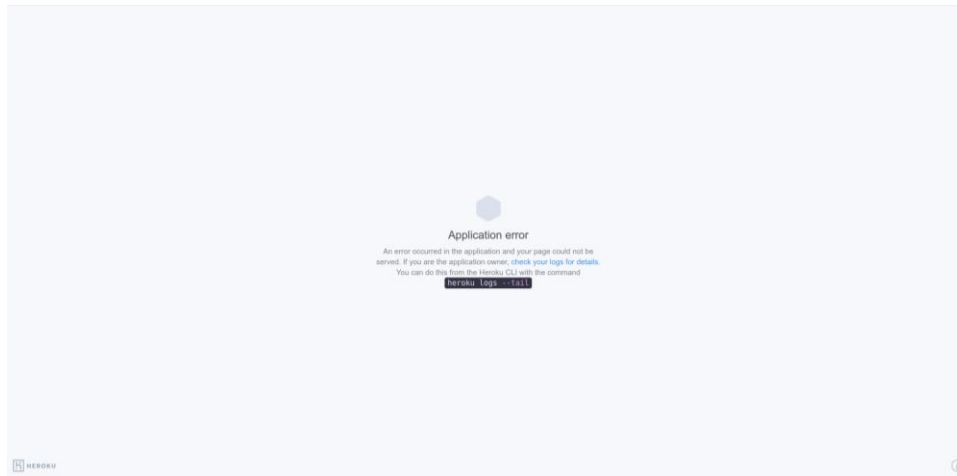
+ Terminal
Ora 11:08:16
aushalten12@aushalten12-NILB-WA93N: ~/r0ttenpotatoes
aushalten12@aushalten12-NILB-WA93N: ~/r0ttenpotatoes
aushalten12@aushalten12-NILB-WA93N: ~/r0ttenpotatoes
aushalten12@aushalten12-NILB-WA93N: ~/r0ttenpotatoes

aushalten12@aushalten12-NILB-WA93N: ~/r0ttenpotatoes$ git commit -m "Modificado Gemfile"
[main 8208998] Modificado Gemfile
1 file changed, 1 insertion(+), 1 deletion(-)
aushalten12@aushalten12-NILB-WA93N: ~/r0ttenpotatoes$ git push heroku main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), 303 bytes | 303.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0), pack-reused 0
remote: updated 80 paths from 82711bb
remote: Compressing source files... done.
remote: building source
remote:
remote: ----> Building on the Heroku-22 stack
remote: ----> Using buildpack heroku/ruby
remote: ----> Ruby app detected
remote: ----> Installing bundler 2.3.25
remote: ----> Removing BUNDLED WITH version in the Gemfile.lock
remote: ----> Compiling Ruby/rails
remote: ----> Using Ruby version: ruby-2.7.2
remote: ----> Installing dependencies using bundler 2.3.25
remote: running BUNDLE_WITHOUT='development:test' BUNDLE_PATH=vendor/bundle BUNDLE_BIN=vendor/bundle/bin BUNDLE_DEPLOYMENT=1 bundle install -j4
remote: Using rake 13.0.6
remote: Using bcrypt 3.1.5
remote: Using bigdecimal 3.1.4
remote: Using concurrent-ruby 1.2.2
remote: Using connection_pool 2.6.1
remote: Using dry-core 0.8.5
remote: Using dry-struct 1.14.1
remote: Using dry-initializer 1.2.0
remote: Using dry-monitor 0.6.1.2
remote: Using tzinfo 2.0.6
remote: Using activerecord 7.1.0
remote: Using builder 3.2.4
remote: Using erubi 1.12.0
remote: Using rack 2.2.1
remote: Using nokogiri 1.13.4 (x86_64-linux)
remote: Using rails-dom-testing 2.2.0
remote: Using crass 1.0.6
remote: Using loofah 2.21.4
remote: Using rails-html-sanitizer 1.6.0
remote: Using actionview 7.1.0
remote: Using rack 3.0.8
remote: Using rack-session 2.0.0
remote: Using rack-test 2.1.0
remote: Using actionpack 7.1.0
remote: Using nio4r 2.5.0
remote: Using websocket-extensions 0.1.5

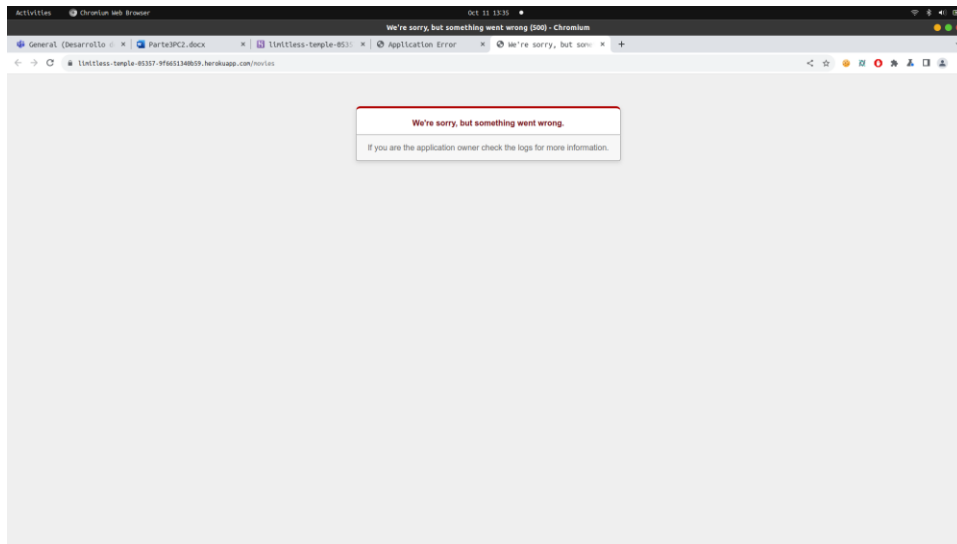
```


Por ultimo hacemos git push heroku main, claro que antes debemos de hacer commit los cambios

6. App de Heroku

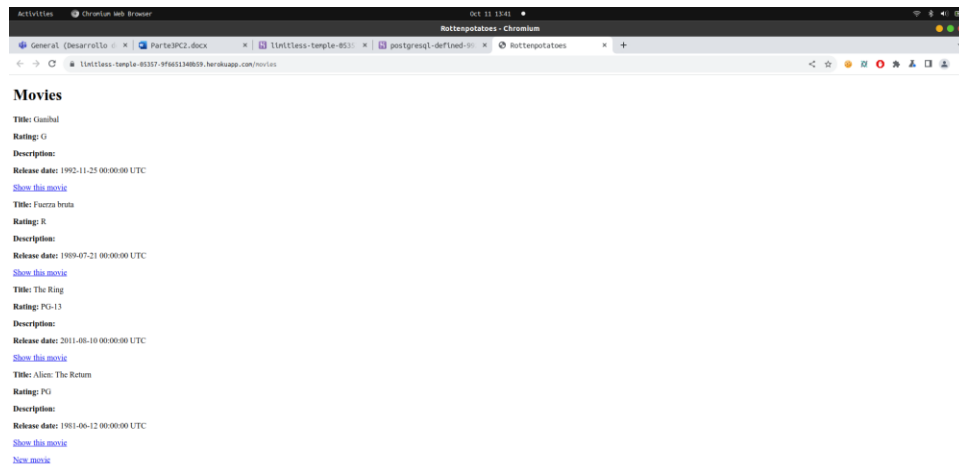


Solucionando algunos problemas con las gemas



Esto ocurre porque en la base de datos de la aplicacion que es Postgres le faltan las tablas movies y los registros manualmente ingresado es decir seed.rb esos archivos estan en la carpeta db

Por lo que usando los comandos heroku run rails db:migrate y heroku run rails db:seed



Se desplegó correctamente la aplicación en Heroku

FIN