UNIVERSIDAD NACIONAL AUTÓNOMA DE NICARAGUA, LEÓN.

FACULTAD DE CIENCIAS Y TECNOLOGIAS.

II Semestre

Componente: Software Como Un Servicio.

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Integrantes:

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"A la Libertad por la Universidad"

Por acá comenzamos con el ejercicio propuesto 1.

Creamos el proyecto

```
root@DeRUBY:/home/dj/Documentos/P6# cd App_Scaffold
root@DeRUBY:/home/dj/Documentos/P6/App_Scaffold# rails generate scaffold Buy category:string description:text amou
nt:decimal
      invoke  active_record
      create    db/migrate/20240910220638_create_buys.rb
      create    app/models/buy.rb
      invoke    test_unit
      create      test/models/buy_test.rb
      create      test/fixtures/buys.yml
      invoke  resource_route
       route    resources :buys
      invoke  scaffold_controller
      create    app/controllers/buys_controller.rb
      invoke    erb
      create      app/views/buys
      create      app/views/buys/index.html.erb
      create      app/views/buys/edit.html.erb
      create      app/views/buys/show.html.erb
      create      app/views/buys/new.html.erb
      create      app/views/buys/_form.html.erb
      create      app/views/buys/_buy.html.erb
      invoke    resource_route
      invoke    test_unit
      create      test/controllers/buys_controller_test.rb
      create      test/system/buys_test.rb
      invoke    helper
      create      app/helpers/buys_helper.rb
      invoke      test_unit
      invoke    jbuilder
      create      app/views/buys/index.json.jbuilder
      create      app/views/buys/show.json.jbuilder
      create      app/views/buys/_buy.json.jbuilder
root@DeRUBY:/home/dj/Documentos/P6/App_Scaffold# rake db:migrate
== 20240910220638 CreateBuys: migrating ======================================
-- create_table(:buys)
   -> 0.0011s
== 20240910220638 CreateBuys: migrated (0.0011s) =============================
```

Generamos un scaffold, con una tabla llamada Buy con los campos:

rails generate scaffold Buy category:string description:text amount:decimal

```
root@DeRUBY:/home/dj/Documentos/P6# cd App_Scaffold
root@DeRUBY:/home/dj/Documentos/P6/App_Scaffold# rails generate scaffold Buy category:string description:text amou
nt:decimal
      invoke  active_record
      create    db/migrate/20240910220638_create_buys.rb
      create    app/models/buy.rb
      invoke    test_unit
      create      test/models/buy_test.rb
      create      test/fixtures/buys.yml
      invoke  resource_route
       route    resources :buys
      invoke  scaffold_controller
      create    app/controllers/buys_controller.rb
      invoke    erb
      create      app/views/buys
      create      app/views/buys/index.html.erb
      create      app/views/buys/edit.html.erb
      create      app/views/buys/show.html.erb
      create      app/views/buys/new.html.erb
      create      app/views/buys/_form.html.erb
      create      app/views/buys/_buy.html.erb
      invoke    resource_route
      invoke    test_unit
      create      test/controllers/buys_controller_test.rb
      create      test/system/buys_test.rb
      invoke    helper
      create      app/helpers/buys_helper.rb
      invoke    test_unit
      invoke    jbuilder
      create      app/views/buys/index.json.jbuilder
      create      app/views/buys/show.json.jbuilder
      create      app/views/buys/_buy.json.jbuilder
root@DeRUBY:/home/dj/Documentos/P6/App_Scaffold# rake db:migrate
== 20240910220638 CreateBuys: migrating ======================================
-- create_table(:buys)
   -> 0.0011s
== 20240910220638 CreateBuys: migrated (0.0011s) =============================
```

Luego Migramos las datos:

rake db:migrate

```
root@DeRUBY:/home/dj/Documentos/P6/App_Scaffold# rake db:migrate
== 20240910220638 CreateBuys: migrating ======================================
-- create_table(:buys)
   -> 0.0011s
== 20240910220638 CreateBuys: migrated (0.0011s) =============================
```

Al Escribir el siguiente comando en el terminal y observar las rutas generadas.

 $ rake routes ("Debido a la actualización mas reciente de rails ya no se usa el comando rake sino $rails routes")

Observar que se muestran todas las rutas configuradas en el proyecto.

```
root@DeRUBY:/home/dj/Documentos/P6/App_Scaffold# rails routes
                            Prefix Verb   URI Pattern
                        Controller#Action
                            buys GET    /buys(.:format)
                        buys#index
                                 POST   /buys(.:format)
                        buys#create
                         new_buy GET    /buys/new(.:format)
                        buys#new
                        edit_buy GET    /buys/:id/edit(.:format)
                        buys#edit
                             buy GET    /buys/:id(.:format)
                        buys#show
                                 PATCH  /buys/:id(.:format)
                        buys#update
                                 PUT    /buys/:id(.:format)
                        buys#update
                                 DELETE /buys/:id(.:format)
                        buys#destroy
                rails_health_check GET    /up(.:format)
                        rails/health#show
                pwa_service_worker GET    /service-worker(.:format)
                        rails/pwa#service_worker
                     pwa_manifest GET    /manifest(.:format)
                        rails/pwa#manifest
     turbo_recede_historical_location GET    /recede_historical_location(.:format)
                        turbo/native/navigation#recede
     turbo_resume_historical_location GET    /resume_historical_location(.:format)
                        turbo/native/navigation#resume
    turbo_refresh_historical_location GET    /refresh_historical_location(.:format)
                        turbo/native/navigation#refresh
        rails_postmark_inbound_emails POST   /rails/action_mailbox/postmark/inbound_emails(.:format)
                        action_mailbox/ingresses/postmark/inbound_emails#create
          rails_relay_inbound_emails POST   /rails/action_mailbox/relay/inbound_emails(.:format)
                        action_mailbox/ingresses/relay/inbound_emails#create
        rails_sendgrid_inbound_emails POST   /rails/action_mailbox/sendgrid/inbound_emails(.:format)
                        action_mailbox/ingresses/sendgrid/inbound_emails#create
  rails_mandrill_inbound_health_check GET    /rails/action_mailbox/mandrill/inbound_emails(.:format)
                        action_mailbox/ingresses/mandrill/inbound_emails#health_check
        rails_mandrill_inbound_emails POST   /rails/action_mailbox/mandrill/inbound_emails(.:format)
                        action_mailbox/ingresses/mandrill/inbound_emails#create
         rails_mailgun_inbound_emails POST   /rails/action_mailbox/mailgun/inbound_emails/mime(.:format)
                        action_mailbox/ingresses/mailgun/inbound_emails#create
       rails_conductor_inbound_emails GET    /rails/conductor/action_mailbox/inbound_emails(.:format)
                        rails/conductor/action_mailbox/inbound_emails#index
                                 POST   /rails/conductor/action_mailbox/inbound_emails(.:format)
                        rails/conductor/action_mailbox/inbound_emails#create
    new_rails_conductor_inbound_email GET    /rails/conductor/action_mailbox/inbound_emails/new(.:format)
```

Abrimos el servidor con el comando rails s o rails server

Si bien se ve ya nos muestra nuestra pagina donde nos permitirá agregar un producto o compra.

(Aparece un comentario en letras verdees que dice que la compra fue destruida satisfacoriamente es porque estaba haciendo una prueba)
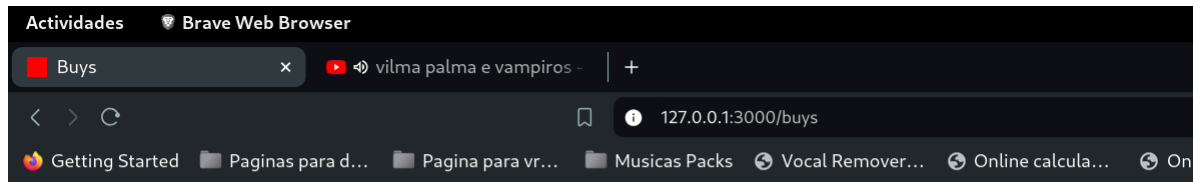
Buy was successfully destroyed.

Buys

New buy

Damos clic en New Buy y nos mostrara las cajas de textos donde ingresaremos los datos.

New buy

Category

Description
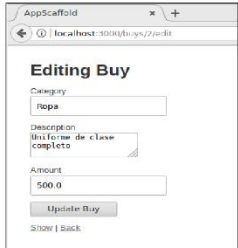
Amount

Create Buy
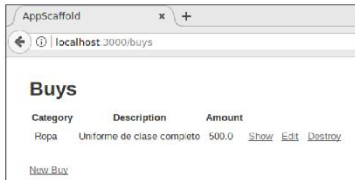
Back to buys

Acá ya hemos ingresado datos y se han guardado satisfactoriamente

1.1 Click en **Edit,** podrá observar que permite editar el dato anteriormente almacenado.

Editing Buy

Category
Ropa

Description
Uniforme de clase completo

Amount
500.0

Update Buy

Show | Back

1.2 Verificar que se muestran los datos almacenados dentro del index de la aplicación.

Buys

Category	Description	Amount			
Ropa	Uniforme de clase completo	500.0	Show	Edit	Destroy

New Buy

Puede interactuar con la aplicación agregando nuevos datos, de manera que pruebe las distintas funcionalidades creadas haciendo uso de scaffold.

Category: Ropa

Description: Uniforme de clases completo

Amount: 500.0

Edit this buy | Back to buys

Destroy this buy

Si bien se observa en la imagen hay un error en la pagina porque se dio clic en CREATE BUY estando los campos vacíos eso se debe a las validaciones que se hicieron para que no se crearan datos vacíos.

Acá iniciamos el ejercicio propuesto 2, creamos nuestro proyecto.


```
dj@DeRUBY: ~/Documentos/P6                                          🔍  ☰  ✕

        dj@DeRUBY: ~/Documentos/P6            ✕         dj@DeRUBY: ~/Documentos/P6         ✕    ▾

root@DeRUBY:/home/dj/Documentos/P6# ls
App_Scaffold
root@DeRUBY:/home/dj/Documentos/P6# rails new EApp
      create
      create  README.md
      create  Rakefile
      create  .ruby-version
      create  config.ru
      create  .gitignore
      create  .gitattributes
      create  Gemfile
         run  git init from "."
Inicializado repositorio Git vacío en /home/dj/Documentos/P6/EApp/.git/
      create  app
      create  app/assets/config/manifest.js
      create  app/assets/stylesheets/application.css
      create  app/channels/application_cable/channel.rb
      create  app/channels/application_cable/connection.rb
      create  app/controllers/application_controller.rb
      create  app/helpers/application_helper.rb
      create  app/jobs/application_job.rb
      create  app/mailers/application_mailer.rb
      create  app/models/application_record.rb
      create  app/views/layouts/application.html.erb
      create  app/views/layouts/mailer.html.erb
      create  app/views/layouts/mailer.text.erb
      create  app/views/pwa/manifest.json.erb
      create  app/views/pwa/service-worker.js
      create  app/assets/images
      create  app/assets/images/.keep
      create  app/controllers/concerns/.keep
      create  app/models/concerns/.keep
      create  bin
      create  bin/brakeman
      create  bin/rails
      create  bin/rake
      create  bin/rubocop
      create  bin/setup
      create  Dockerfile
      create  .dockerignore
      create  bin/docker-entrypoint
      create  .rubocop.yml
      create  .github/workflows
      create  .github/workflows/ci.yml
      create  .github/dependabot.yml
      create  config
      create  config/routes.rb
      create  config/application.rb
      create  config/environment.rb
      create  config/cable.yml
      create  config/puma.rb
      create  config/storage.yml
      create  config/environments
      create  config/environments/development.rb
      create  config/environments/production.rb
      create  config/environments/test.rb
      create  config/initializers
```

Generamos el scaffold.

```
root@DeRUBY:/home/dj/Documentos/P6# cd EApp
root@DeRUBY:/home/dj/Documentos/P6/EApp# rails generate scaffold Estudiante nombres:string apellidos:string carre
a:string carnet:string fecha_de_nacimiento:date edad:integer celular:string
      invoke  active_record
      create    db/migrate/20240910224514_create_estudiantes.rb
      create    app/models/estudiante.rb
      invoke    test_unit
      create      test/models/estudiante_test.rb
      create      test/fixtures/estudiantes.yml
      invoke  resource_route
       route    resources :estudiantes
      invoke  scaffold_controller
      create    app/controllers/estudiantes_controller.rb
      invoke    erb
      create      app/views/estudiantes
      create      app/views/estudiantes/index.html.erb
      create      app/views/estudiantes/edit.html.erb
      create      app/views/estudiantes/show.html.erb
      create      app/views/estudiantes/new.html.erb
      create      app/views/estudiantes/_form.html.erb
      create      app/views/estudiantes/_estudiante.html.erb
      invoke    resource_route
      invoke    test_unit
      create      test/controllers/estudiantes_controller_test.rb
      create      test/system/estudiantes_test.rb
      invoke    helper
      create      app/helpers/estudiantes_helper.rb
      invoke      test_unit
      invoke    jbuilder
      create      app/views/estudiantes/index.json.jbuilder
      create      app/views/estudiantes/show.json.jbuilder
      create      app/views/estudiantes/_estudiante.json.jbuilder
root@DeRUBY:/home/dj/Documentos/P6/EApp#
```

Migramos los datos

Al Escribir el siguiente comando en el terminal y observar las rutas generadas.

 $ rake routes ("Debido a la actualización mas reciente de rails ya no se usa el comando rake sino $rails routes")
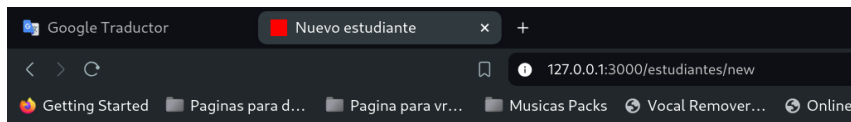
Abrimos el servidor con el comando rails s o rails server

Si bien se ve ya nos muestra nuestra pagina donde nos permitirá agregar un Estudiante.
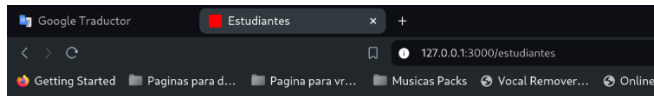
Damos clic en Nuevo Estudiante y nos mostrara las cajas de textos donde ingresaremos los datos.

Acá ya hemos ingresado datos y se han guardado satisfactoriamente
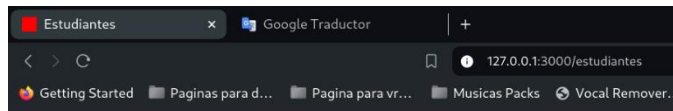
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Mostrar este estudiante

Nuevo Estudiante