

Facebook - clone

Pull Link:

<https://github.com/halmoallim/Facebook-clone/pull/1>

1- User table

1. Creating the table for user

```
→ Facebook-clone git:(main) ✕ rails g scaffold User name:string email:string age:integer gender:string
  invoke  active_record
  create  db/migrate/20220123113318_create_users.rb
  create  app/models/user.rb
  invoke  test_unit
  create  test/models/user_test.rb
  create  test/fixtures/users.yml
  invoke  resource_route
  route   resources :users
  invoke  scaffold_controller
  create  app/controllers/users_controller.rb
  invoke  erb
  create  app/views/users
  create  app/views/users/index.html.erb
  create  app/views/users/edit.html.erb
  create  app/views/users/show.html.erb
  create  app/views/users/new.html.erb
  create  app/views/users/_form.html.erb
  create  app/views/users/_user.html.erb
  invoke  resource_route
  invoke  test_unit
  create  test/controllers/users_controller_test.rb
  create  test/system/users_test.rb
  invoke  helper
  create  app/helpers/users_helper.rb
  invoke  test_unit
  invoke  jbuilder
  create  app/views/users/index.json.jbuilder
  create  app/views/users/show.json.jbuilder
  create  app/views/users/_user.json.jbuilder
```

2. Adding a user from the GUI and list them in the terminal

```
irb(main):001:0> User.all
(0.7ms) SELECT sqlite_version(*)
User Load (0.1ms) SELECT "users".* FROM "users"
=>
[#<User:0x00000001343e23f0
  id: 1,
  name: "user1",
  email: "user1@com",
  age: 10,
  gender: "male",
  created_at: Sun, 23 Jan 2022 11:44:26.224387000 UTC +00:00,
  updated_at: Sun, 23 Jan 2022 11:44:26.224387000 UTC +00:00>]
```

3. Create a user from the terminal

```
irb(main):005:0> User.create(name:"user2", email:"user2@com", age:20, gender:"Male")
TRANSACTION (0.1ms) begin transaction
User Create (0.4ms) INSERT INTO "users" ("name", "email", "age", "gender", "created_at", "updated_at") VALUES (?, ?, ?, ?, ?, ?) [{"name", "user2"}, [{"email", "user2@com"}, [{"age", 20}, [{"gender", "Male"}, [{"created_at", "2022-01-23 12:00:15.348484"}, [{"updated_at", "2022-01-23 12:00:15.348484"}]]
TRANSACTION (0.4ms) commit transaction
=>
[#<User:0x00000001071b6ba8
  id: 2,
  name: "user2",
  email: "user2@com",
  age: 20,
  gender: "Male",
  created_at: Sun, 23 Jan 2022 12:00:15.348484000 UTC +00:00,
  updated_at: Sun, 23 Jan 2022 12:00:15.348484000 UTC +00:00>]
```

4. Update user2

Before update:

```
irb(main):006:0> User.all
User Load (0.4ms) SELECT "users".* FROM "users"
=>
[#<User:0x0000000137c39690
  id: 1,
  name: "user1",
  email: "user1@com",
  age: 10,
  gender: "male",
  created_at: Sun, 23 Jan 2022 11:44:26.224387000 UTC +00:00,
  updated_at: Sun, 23 Jan 2022 11:44:26.224387000 UTC +00:00>,
 #<User:0x0000000137c39398
  id: 2,
  name: "user2",
  email: "user2@com",
  age: 20,
  gender: "Male",
  created_at: Sun, 23 Jan 2022 12:00:15.348484000 UTC +00:00,
  updated_at: Sun, 23 Jan 2022 12:00:15.348484000 UTC +00:00>]
```

After update:

```
irb(main):037:0> user2 = User.find_by(id:2)
  User Load (0.4ms) SELECT "users".* FROM "users" WHERE "users"."id" = ? LIMIT ? [["id", 2], ["LIMIT", 1]]
=>
#<User:0x000000013424a330
...
irb(main):038:0> user2.name
=> "user2"
irb(main):039:0> user2.name = "user2 after update"
=> "user2 after update"
irb(main):040:0> user2.save
  TRANSACTION (0.1ms) begin transaction
  User Update (0.8ms) UPDATE "users" SET "name" = ?, "updated_at" = ? WHERE "users"."id" = ? [["name", "user2 after update"], ["updated_at", "2022-01-23 12:10:54.502094"], ["id", 2]]
  TRANSACTION (1.5ms) commit transaction
=> true
irb(main):041:0> User.all
  User Load (0.4ms) SELECT "users".* FROM "users"
=>
#<User:0x000000010719cf00
  id: 1,
  name: "user1",
  email: "user1@com",
  age: 10,
  gender: "male",
  created_at: Sun, 23 Jan 2022 11:44:26.224387000 UTC +00:00,
  updated_at: Sun, 23 Jan 2022 11:44:26.224387000 UTC +00:00>,
#<User:0x000000010719ce10
  id: 2,
  name: "user2 after update",
  email: "user2@com",
  age: 20,
  gender: "Male",
  created_at: Sun, 23 Jan 2022 12:00:15.348484000 UTC +00:00,
  updated_at: Sun, 23 Jan 2022 12:10:54.502094000 UTC +00:00]
```

5. Delete user2

```
irb(main):042:0> user2.destroy
  TRANSACTION (0.2ms) begin transaction
  User Destroy (0.7ms) DELETE FROM "users" WHERE "users"."id" = ? [["id", 2]]
  TRANSACTION (0.7ms) commit transaction
=>
#<User:0x000000013424a330
  id: 2,
  name: "user2 after update",
  email: "user2@com",
  age: 20,
  gender: "Male",
  created_at: Sun, 23 Jan 2022 12:00:15.348484000 UTC +00:00,
  updated_at: Sun, 23 Jan 2022 12:10:54.502094000 UTC +00:00>
```

1- Posts table

6. Creating the table for Posts

```
→ Facebook-clone git:(main) ✖ rails g scaffold Post title:string description:string user_id:integer
  invoke  active_record
  create  db/migrate/20220123113456_create_posts.rb
  create  app/models/post.rb
  invoke  test_unit
  create  test/models/post_test.rb
  create  test/fixtures/posts.yml
  invoke  resource_route
  route   resources :posts
  invoke  scaffold_controller
  create  app/controllers/posts_controller.rb
  invoke  erb
  create  app/views/posts
  create  app/views/posts/index.html.erb
  create  app/views/posts/edit.html.erb
  create  app/views/posts/show.html.erb
  create  app/views/posts/new.html.erb
  create  app/views/posts/_form.html.erb
  create  app/views/posts/_post.html.erb
  invoke  resource_route
  invoke  test_unit
  create  test/controllers/posts_controller_test.rb
  create  test/system/posts_test.rb
  invoke  helper
  create  app/helpers/posts_helper.rb
  invoke  test_unit
  invoke  jbuilder
  create  app/views/posts/index.json.jbuilder
  create  app/views/posts/show.json.jbuilder
  create  app/views/posts/_post.json.jbuilder
```

7. Adding a post from the GUI and list them in the terminal

```
irb(main):043:0> Post.all
Post Load (0.4ms) SELECT "posts".* FROM "posts"
=>
[#<Post:0x000000013453bee0
 id: 1,
 title: "post1",
 description: "desc1",
 user_id: 1,
 created_at: Sun, 23 Jan 2022 11:45:34.369361000 UTC +00:00,
 updated_at: Sun, 23 Jan 2022 11:45:34.369361000 UTC +00:00>]
irb(main):044:0> █
```

8. Create a post from the terminal

```
irb(main):044:0> Post.create(title:"title2", description:"desc2", user_id:2)
TRANSACTION (0.1ms) begin transaction
Post Create (0.8ms) INSERT INTO "posts" ("title", "description", "user_id", "created_at", "updated_at") VALUES (?, ?, ?, ?, ?) [["title", "title2"], ["description", "desc2"], ["user_id", 2], ["created_at", "2022-01-23 12:27:16.273197"], ["updated_at", "2022-01-23 12:27:16.273197"]]
TRANSACTION (1.1ms) commit transaction
=>
#<Post:0x0000000107025f00
 id: 2,
 title: "title2",
 description: "desc2",
 user_id: 2,
 created_at: Sun, 23 Jan 2022 12:27:16.273197000 UTC +00:00,
 updated_at: Sun, 23 Jan 2022 12:27:16.273197000 UTC +00:00>
irb(main):045:0> █
```

9. Update post2

Before update:

```
irb(main):045:0> Post.all
Post Load (0.4ms) SELECT "posts".* FROM "posts"
=>
[#<Post:0x0000000134652838
 id: 1,
 title: "post1",
 description: "desc1",
 user_id: 1,
 created_at: Sun, 23 Jan 2022 11:45:34.369361000 UTC +00:00,
 updated_at: Sun, 23 Jan 2022 11:45:34.369361000 UTC +00:00>,
 #<Post:0x0000000134653f30
 id: 2,
 title: "title2",
 description: "desc2",
 user_id: 2,
 created_at: Sun, 23 Jan 2022 12:27:16.273197000 UTC +00:00,
 updated_at: Sun, 23 Jan 2022 12:27:16.273197000 UTC +00:00>]
irb(main):046:0> █
```

After update:

```
irb(main):046:0> post2 = Post.find_by(title:"title2")
Post Load (0.4ms) SELECT "posts".* FROM "posts" WHERE "posts"."title" = ? LIMIT ? [["title", "title2"], ["LIMIT", 1]]
=>
#<Post:0x00000001313e4ec8
...
irb(main):047:0> post2.title
=> "title2"
irb(main):048:0> post2.title="title2 after update"
=> "title2 after update"
irb(main):049:0> post2.save
TRANSACTION (0.1ms) begin transaction
Post Update (0.8ms) UPDATE "posts" SET "title" = ?, "updated_at" = ? WHERE "posts"."id" = ? [["title", "title2 after update"], ["updated_at", "2022-01-23 12:30:16.557468"], ["id", 2]]
TRANSACTION (0.8ms) commit transaction
=> true
irb(main):050:0> Post.all
Post Load (0.4ms) SELECT "posts".* FROM "posts"
=>
[#<Post:0x00000001301feb50
 id: 1,
 title: "post1",
 description: "desc1",
 user_id: 1,
 created_at: Sun, 23 Jan 2022 11:45:34.369361000 UTC +00:00,
 updated_at: Sun, 23 Jan 2022 11:45:34.369361000 UTC +00:00>,
 #<Post:0x00000001301fea88
 id: 2,
 title: "title2 after update",
 description: "desc2",
 user_id: 2,
 created_at: Sun, 23 Jan 2022 12:27:16.273197000 UTC +00:00,
 updated_at: Sun, 23 Jan 2022 12:30:16.557468000 UTC +00:00>]
irb(main):051:0> █
```

10. Delete post2

```
irb(main):051:0> post2.destroy
TRANSACTION (0.1ms) begin transaction
Post Destroy (0.6ms) DELETE FROM "posts" WHERE "posts"."id" = ? [["id", 2]]
TRANSACTION (1.6ms) commit transaction
=>
#<Post:0x00000001313e4ec8
 id: 2,
 title: "title2 after update",
 description: "desc2",
 user_id: 2,
 created_at: Sun, 23 Jan 2022 12:27:16.273197000 UTC +00:00,
 updated_at: Sun, 23 Jan 2022 12:30:16.557468000 UTC +00:00>
irb(main):052:0> █
```