After experiencing difficulties with Sinatra, we decided to build our backend with Ruby on Rails after being urged to do so by those in more advanced phases.

The guidance they provided to us proved to be invaluable, as this transition to Rails provided much more seamless interaction with the database thereby affording us full CRUD functionality.

As a result of using Rails, the base URL for our API is http://localhost:3000

API Routes

Route Name	URL	HTTP Verb	Description
Index	/users	GET	display a list of users
Show	/users/:id	GET	display info about a specific user
Create	/users	POST	add a new user to the database
Update	/users/:id	PATCH	edit info about a specific user
Delete	/users/:id	DELETE	delete a user from the database
Index	/cartoons	GET	display a list of cartoons
Show	/cartoons/:id	GET	display info about a specific cartoon
Create	/cartoons	POST	add a new cartoon to the database
Update	/cartoons/:id	PATCH	edit info about a specific cartoon
Delete	/cartoons/:id	DELETE	delete a cartoon from the database
Index	/games	GET	display a list of games
Show	/games/:id	GET	display a specific game
Create	/games	POST	add a new game to the database
Update	/games/:id	PATCH	edit info about a specific game
Delete	/games/id	DELETE	delete a game from the database
Index	/quotes	GET	display a list of quotes
Show	/quotes/:id	GET	display info about a specific quote
Create	/quotes	POST	add a new quote to the database
Update	/quotes/:id	PATCH	edit info about a specific quote
Delete	/quotes/:id	DELETE	delete a quote from the database

The following is our schema file and it's associated map…

schema.rb

```ruby
ActiveRecord::Schema[7.0].define(version: 2022_09_16_234131) do
  create_table "cartoons", force: :cascade do |t|
    t.integer "user_id"
    t.string "name"
    t.string "description"
    t.string "link1"
    t.string "link2"
    t.string "link3"
    t.string "image"
  end

  create_table "games", force: :cascade do |t|
    t.integer "user_id"
    t.string "name"
    t.string "description"
    t.string "link"
    t.string "image"
  end

  create_table "quotes", force: :cascade do |t|
    t.integer "user_id"
    t.string "quote"
    t.string "link"
  end

  create_table "users", force: :cascade do |t|
    t.string "name"
    t.string "password"
  end

end
```