

Creando un Usuario:

1. En el gemfile uncomment: bcrypt / bundle install
2. Create a User Model: username:string / email:string /

password_digest:string / role:string

copy this in the model:

```
has_secure_password
```

```
validates :username, presence: true
```

```
validates :email, presence: true, uniqueness: true
```

```
#calls set_default_role after object is created in memory
```

```
#only if the object user does not exist in the database
```

this to set a role as default

```
after_initialize :set_default_role, :if => :new_record?
```

```
def set_default_role
```

```
  unless self.role
```

```
    self.role = :user
```

```
  end
```

```
end
```

3. Create a User controller:

Copy this:

```
def home
```

```
  @name = current_user ? @current_user.username : "Ironhacker"
```

```
end
```

```
def index
```

```
  @users = User.all
```

```
end
```

```
# renders the signup form
```

```

def new
end

def show
end

# receives form and creates a user from that data
def create
  user = User.new(user_params)
  if user.save
    redirect_to '/'
  else
    redirect_to '/signup'
  end
end

private

def user_params
  params.require(:user).permit(:username, :email, :password,
    :password_confirmation)
end

```

add this to the routes:

```

root to: 'users#home'
get '/signup' => 'users#new'
post '/users' => 'users#create'
get '/profile' => 'users#show'
get '/users' => 'users#index'

```

in the views this is opinorated:

home:

```
<h1>Hello, <%= @name %>!</h1>
```

```

<%= link_to "Sign up", "/signup" %><br>
<%= link_to "My profile", "/profile" %><br>
<%= link_to "All profiles", "/users" %><br>
<%= link_to "Log in", "/login" %> <br>
<%= link_to "Log out", "/logout", :method => :delete %>

```

index:

```
<h1>All users</h1>
<ul>
  <% @users.each do |user| %>
    <li>Username: <%= user.username %> | Email: <%= user.email %></li>
  <% end %>
</ul>
```

```
<%= link_to "Home", root_path %>
```

new:

```
<h1>Sign up!</h1>
```

```
<%= form_for :user, url: '/users' do |f| %>
```

```
  Name: <%= f.text_field :username %>
```

```
  Email: <%= f.text_field :email %>
```

```
  Password: <%= f.password_field :password %>
```

```
  Password Confirmation:
```

```
  <%= f.password_field :password_confirmation %>
```

```
  <%= f.submit "Submit" %>
```

```
<% end %>
```

show this is the perfil:

```
<h1>Who's the best Ruby developer?</h1>
```

```
<h1>You are, <span style="color: red;"><%= current_user ?
current_user.username : "Ironhacker" %></span>. You are. </h1>
```

```
<p><%= link_to "Back", :back %></p>
```

4. Créeate a sessions controller:

```
def new
  # ...
end

def create
  user = User.find_by(email: params[:email])
  if user && user.authenticate(params[:password])
    session[:user_id] = user.id
    redirect_to '/'
  else
    redirect_to '/login'
  end
end
```

```

    def destroy
      session.clear
      redirect_to '/'
    end

```

add in routes:

```

get '/login' => 'sessions#new'
post '/login' => 'sessions#create'
delete '/logout' => 'sessions#destroy'

```

5. In the application controller

```

def current_user
  @current_user ||= User.find_by(id: session[:user_id])
end

def authorize_user
  unless current_user
    flash[:message] = 'Please log in or register to access this page'
    redirect_to root_path
  end
end

def admin_only
  unless current_user && current_user.role == 'admin'
    flash[:access_denied] = "Access denied. You must be admin to see this page."
    redirect_to root_path
  end
end

```

6. You have to put this in every controller to say what can see the user or just can go the admin inside [] goes the method

```

before_action :authorize_user, only: [:show]
before_action :admin_only, only: [:index]

```