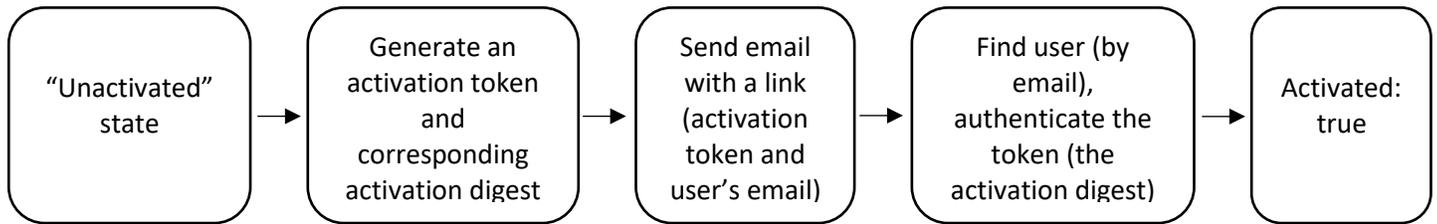


Chap. 11 Account activation



find by	string	digest	authentication
email	password	password_digest	authenticate(password)
id	remember_token	remember_digest	authenticated?(:remember, token)
email	activation_token	activation_digest	authenticated?(:activation, token)
email	reset_token	reset_digest	authenticated?(:reset, token)

11.1 Account activations resource

Model account activations as a resource and interact with them via a standard REST URL.

Include the activation token and activation status in the User model.

Clicking the activation link will issue a GET request and use **edit** action.

Account activation controller: *\$ rails generate controller AccountActivations*

RESTful route: *resources :account_activations, only: [:edit]* (a named route for the **edit** action)

HTTP request	URL	Action	Named route
GET	/account_activation/<token>/edit	edit	edit_account_activation_url(token)

Account activation data model (add three attributes to User): activation_digest: string, activated: boolean (default: false), activated_at: datetime.

Assign an activation token and digest to each user object before it's created: *before_create :create_activation_digest*

Seed and fixture users: *\$ rails db:migrate:reset* and *\$ rails db:seed* (apply changes)

11.2 Account activation emails

Mailers are structured much like controller actions, with email templates defined as views.

Add a User *mailer* using the Action Mailer library: *\$ rails generate mailer UserMailer account_activation password_reset*

Two view templates for each mailer, one for plain-text email and one for HTML email.

Application mailer and User mailer.

The named route: *edit_account_activation_url(@user.activation_token, email: @user.email)* (include a hash in the named route to set a query parameter)

Email previews:

- add some configuration(L.11.16);
- Modify `account_activation` method
- `https://.../rails/mailers/user_mailer/accout_activation`

Email test: `assert_match` method

Update the `create` action for account activation (send an email with an activation link after user sign up).

11.3 Activating the account

Generalizing the `authenticated?` method.

- `send` method, which lets us call a method with a name of our choice by “sending a message” to a given object.
- string interpolation: `"#{attribute}_digest"`

Activation `edit` action

- Authenticates the user corresponding to the email address in the `params` hash.
- Set the user as activated.
- Modify the `create` action (check whether the user is activated).

Activation test and refactoring.

11.4 Email in production

SendGrid: *\$ heroku addons:create sendgrid:starter*

Configure the app to use SendGrid and fill out the SMTP settings for the production environment.