Ref**:** <http://railscasts.com/episodes/235-devise-and-omniauth-revised>

<https://github.com/intridea/omniauth/wiki/Auth-Hash-Schema>

**rails g devise:views**

**1-** terminal

rails g model authentication user\_id:integer uid:string provider:string

rails g controller omniauth\_callbacks  
rake db:migrate

**2-** Gemfile

gem 'omniauth'

gem 'omniauth-twitter'

gem 'omniauth-facebook'

gem 'omniauth-google-oauth2'

gem 'omniauth-github

**3- app/asses/images/icons**

Add icons of providers ( facebook, google, twitter, github)

Source: <https://github.com/markusproske/omniauth_pure/tree/master/app/assets/images>

**4- Controllers**

Under omniauth\_callback\_controller define method ‘all’

**class** **OmniauthCallbacksController** **<** Devise**::**OmniauthCallbacksController

**def** **all**

auth **=** request**.**env**[**"omniauth.auth"**]**

provider, uid, name, email = auth.provider, auth.uid, auth.info.name, auth.info.email

user **=** User**.**find\_by\_email(email)

authentication **=** Authentication**.**find\_by\_provider\_and\_uid(provider, uid)

**if** user**.**nil?

user = User.new(:email => email, :name => name)

user**.**authentications**.**build(:provider **=>** provider, :uid **=>** uid)

user**.**skip\_confirmation!

**if** user**.**save

flash**.**notice **=** t('controllers.omniauth\_callbacks.sign\_up.success')

custom\_sign\_in\_and\_redirect(user)

**else**

session**[**"devise.user\_attributes"**]** **=** user**.**attributes

redirect\_to new\_user\_registration\_url

**end**

**else**

*# TODO: Verify that the authentication record belongs to this user only*

user**.**authentications**.**create(:provider **=>** provider, :uid **=>** uid) **if** **!**authentication *# Regular signed up user, allow him this omniauth signup also*

flash**.**notice **=** t('controllers.omniauth\_callbacks.sign\_in.success')

sign\_in\_and\_redirect user

**end**

**end**

alias\_method :twitter, :all

alias\_method :facebook, :all

alias\_method :google\_oauth2, :all

alias\_method :github, :all

**private**

**def** **custom\_sign\_in\_and\_redirect**(resource)

scope **=** Devise**::**Mapping**.**find\_scope!(resource)

sign\_in(scope, resource, {})

redirect\_to edit\_user\_path(current\_user)

**end**

**end**

**5- Model:**

**user.rb**

**Add omniauthable module of devise to user model.**

**class** **User** **<** ActiveRecord**::**Base

*# Devise modules. Others available are: :token\_authenticatable, :lockable, :timeoutable*

devise :database\_authenticatable, :registerable, :omniauthable, :confirmable, :recoverable, :rememberable, :trackable, :validatable

attr\_accessible :name, :email, :password, :password\_confirmation, :remember\_me

*# Relations*

has\_many :authentications

---------

def password\_required?

(authentications.empty? || !password.blank?) && super

end

end

**authentication.rb**

**class** **Authentication** **<** ActiveRecord**::**Base

attr\_accessible :provider, :uid

*# Relations*

belongs\_to :user

**end**

**5- Views : app/views/devise/registrations/new.html.haml**

**.container**

**.span6**

**.row-fluid**

**.span12**

%h3 Sign up through one of these services:

%br

**.span8**

**.span2**

**.shadow**

= link\_to image\_tag('icons/facebook.png'), **user\_omniauth\_authorize\_path(:facebook)**

%p Facebook

**.span2**

**.shadow**

= link\_to image\_tag('icons/google.png'), **user\_omniauth\_authorize\_path(:google\_oauth2)**

%p Google

%br

%br

%hr

**.row-fluid**

**.span6**

%h3 Sign up

%br

= form\_for(resource, :as **=>** resource\_name, :url **=>** registration\_path(resource\_name)) **do** **|**f**|**

= devise\_error\_messages!

%div

= f**.**label :email

= f**.**email\_field :email

%div

= f**.**label :password

= f**.**password\_field :password

%div

= f**.**label :password\_confirmation

= f**.**password\_field :password\_confirmation

%div= f**.**submit "Sign up", :class **=>** 'btn btn-primary'

= render "devise/shared/links"

**2- sessions/new.html.haml**

**.container**

**.span6**

**.row-fluid**

**.span12**

%h3 Sign in through one of these services:

%br

**.span8**

**.span2**

**.shadow**

= link\_to image\_tag('icons/facebook.png'), user\_omniauth\_authorize\_path(:facebook)

%p Facebook

**.span2**

**.shadow**

= link\_to image\_tag('icons/google.png'), user\_omniauth\_authorize\_path(:google\_oauth2)

%p Google

%br

%br

%hr

**.row-fluid**

**.span6**

%h3 Sign in

%br

= form\_for(resource, :as **=>** resource\_name, :url **=>** session\_path(resource\_name)) **do** **|**f**|**

%div

= f**.**label :email

= f**.**email\_field :email

%div

= f**.**label :password

= f**.**password\_field :password

- **if** devise\_mapping**.**rememberable?

= f**.**check\_box :remember\_me

= f**.**label :remember\_me

%div= f**.**submit "Sign in", :class **=>** 'btn btn-primary'

= render "devise/shared/links"

**6- devise/shared/\_links**

**Comment out all lines inside omniauthable after setting your view files as we don’t need it now.**

*<!--* **<%-** **if** devise\_mapping**.**omniauthable? **%>**

**<%-** resource\_class**.**omniauth\_providers**.**each **do** **|**provider**|** **%>**

**<%=** link\_to "Sign in with #{provider**.**to\_s**.**titleize}", omniauth\_authorize\_path(resource\_name, provider) **%>***<br />*

**<%** **end** **-%>**

**<%** **end** **-%>** *→*

**7-devise.rb**

Inside devise.rb set all keys and secrets of all providers services you want to use for authentications.

**config.omniauth :twitter, ENV["TWITTER\_CONSUMER\_KEY"], ENV["TWITTER\_CONSUMER\_SECRET"]**

**config.omniauth :facebook, ENV["FB\_APP\_ID"], ENV["FB\_APP\_SECRET"]**

**config.omniauth :google\_oauth2, ENV["GOOGLE\_APP\_ID"], ENV["GOOGLE\_APP\_SECRET"]**

**config.omniauth :github, ENV["GITHUB\_CLIENT\_ID"], ENV["GITHUB\_CLIENT\_SECRET"]**

**8-routes.rb**

**devise\_for :users, path\_names: { sign\_in: "login", sign\_out: "logout" },**

**controllers: { omniauth\_callbacks: "omniauth\_callbacks" }**

**9- REGISTRERING APPLICATIONS SETUP ID and SECRETS in the provider’s account.**

Now you need to register rails for charity project in all service providers App pages you want to use.

**Twitter**

**Twitter applications page:** [**https://dev.twitter.com/apps**](https://dev.twitter.com/apps)

**Email: info@railsforcharity.org**

Application Name RFC local

Request token URL <https://api.twitter.com/oauth/request_token>

Authorize URL <https://api.twitter.com/oauth/authorize>

Access token URL <https://api.twitter.com/oauth/access_token>

Callback URL <http://railsforcharity.com>

Website <http://railsforcharity.com>

Application Name: RFC Staging

Request token URL <https://api.twitter.com/oauth/request_token>

Authorize URL <https://api.twitter.com/oauth/authorize>

Access token URL <https://api.twitter.com/oauth/access_token>

Callback URL <http://railsforcharity-staging.herokuapp.com>

Website <http://railsforcharity.com>

Name Rails for Charity

Request token URL <https://api.twitter.com/oauth/request_token>

Authorize URL <https://api.twitter.com/oauth/authorize>

Access token URL <https://api.twitter.com/oauth/access_token>

Callback URL <http://railsforcharity.com>

Website <http://railsforcharity.com>

**GITHUB**

**Github applications page:** <https://github.com/settings/applications>

**Email:** info@railsforcharity.org

**Name RFC local**

**URL** [**http://localhost:3000**](http://localhost:3000)

**Callback URL** [**http://127.0.0.1:300**](http://127.0.0.1:300)

**Name RFC Staging**

**URL** [**http://railsforcharity-staging.herokuapp.com**](http://railsforcharity-staging.herokuapp.com)

**Callback URL** [**http://railsforcharity-staging.herokuapp.com**](http://railsforcharity-staging.herokuapp.com)

**Name RFC Production**

**URL** [**http://railsforcharity.com**](http://railsforcharity.com)

**Callback URL** [**http://railsforcharity.com**](http://railsforcharity.com)

**FACEBOOK**

**Facebook applications page:** <https://developers.facebook.com/apps>

**Display Name: RFC Local**

**Contact Email: pratik@mobflair.com**

**App Domains: localhost**

**Site URL:** [**http://localhost:3000/fb\_login/**](http://localhost:3000/fb_login/)

**Canvas Page:** [**http://apps.facebook.com/rfc\_local**](http://apps.facebook.com/rfc_local)

**Canvas URL:** [**http://localhost:3000/fb\_login/**](http://localhost:3000/fb_login/)

**Secure Canvas URL:** [**https://localhost:3000/fb\_login/**](https://localhost:3000/fb_login/)

**Display Name: RFC Staging**

**Contact Email: pratik@mobflair.com**

**App Domains: railsforcharity-staging.herokuapp.com**

**Site URL:** [**http://railsforcharity-staging.herokuapp.com/fb\_login/**](http://railsforcharity-staging.herokuapp.com/fb_login/)

**Canvas URL:** [**http://railsforcharity-staging.herokuapp.com/fb\_login/**](http://railsforcharity-staging.herokuapp.com/fb_login/)

**Secure Canvas URL:** [**https://railsforcharity-staging.herokuapp.com/fb\_login/**](https://railsforcharity-staging.herokuapp.com/fb_login/)

**Display Name: Rails for Charity**

**Contact Email: pratik@mobflair.com**

**App Domains: railsforcharity.org**

**Site URL:** [**https://railsforcharity.org/fb\_login/**](https://railsforcharity.com/fb_login/)

**Canvas URL:** [**http://railsforcharity.org/fb\_login/**](http://railsforcharity.com/fb_login/)

**Secure Canvas URL:** [**https://railsforcharity.org/fb\_login/**](https://railsforcharity.com/fb_login/)

**GOOGLE**

**Google applications page:** [**https://code.google.com/apis/console/**](https://code.google.com/apis/console/)

**Email\_id:** [info@railsforcharity.org](mailto:info@railsforcharity.org)

Local

**Redirect URIs:** <http://localhost:3000/users/auth/google_oauth2/callback>

**JavaScript origins:** <https://localhost>

Staging

**Redirect URIs:** [http://railsforcharity-staging.herokuapp.org/users/auth/google\_oauth2/callback](http://railsforcharity-staging.herokuapp.com/users/auth/google_oauth2/callback)

**JavaScript origins:** <http://railsforcharity-staging.herokuapp.com>

Production

**Redirect URIs:** [http://railsforcharity.org/users/auth/google\_oauth2/callback](http://railsforcharity.com/users/auth/google_oauth2/callback)

**JavaScript origins:** [http://railsforcharity.org](http://railsforcharity.com)