➜ Add the hstore adapter gem to Gemfile and bundle install

gem 'activerecord-postgres-hstore'

➜ Uncomment the following line in application.rb

config.active\_record.schema\_format = :sql

➜ Now you need to create a migration that adds hstore support for your postgresql database:

rails g hstore:setup

➜ Add index to that hstore column

execute "CREATE INDEX preferences\_properties ON preferences USING GIN(properties)"

➜ Preferences scaffold

$ rails g scaffold preferences user\_id:integer entity\_id:integer entity\_type preferences:hstore

➜ Create an email templates model and add the following values

class EmailTemplate

TYPES = {

new\_task: {

id: 1, description: 'Email me whenever a new task is created in this project.'

},

task\_delivered: {

id: 2, description: 'Email me whenever a task status changes to "Delivered".'

}

}

end

➜ Create a directory to store those templates

$ mkdir app/views/emails/email\_templates

➜ Create the template files

$ touch app/views/emails/email\_templates/new\_task.html.haml

➜ Actionmailer settings

If your mailer settings are not setup, please refer the document [006. Contact Us page](https://docs.google.com/document/d/1HiVHx1Q9aj31hk3jLwyHSKpHsNXexYnBh48DBY5ocLY/edit)

➜ preference.rb

serialize :properties, ActiveRecord::Coders::Hstore # <http://stackoverflow.com/a/11074481/238880>