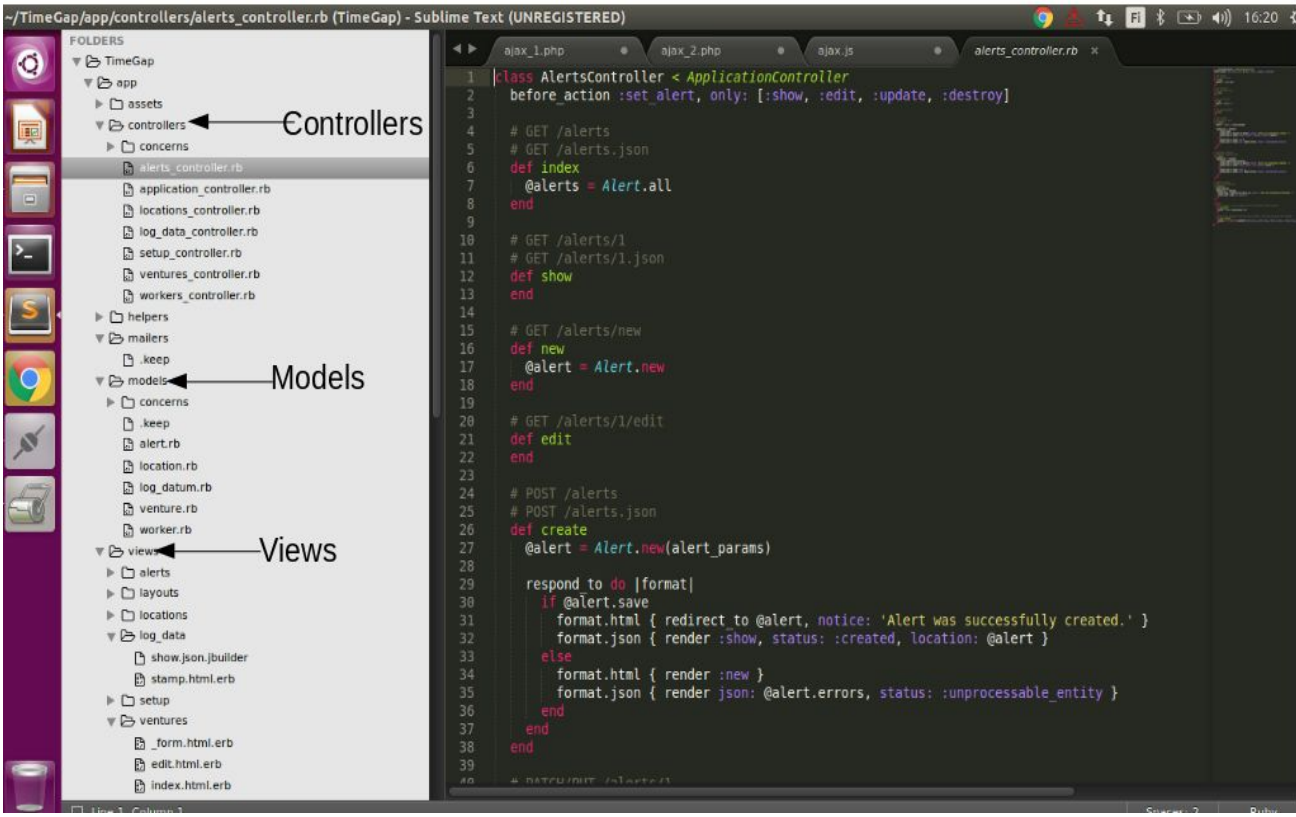
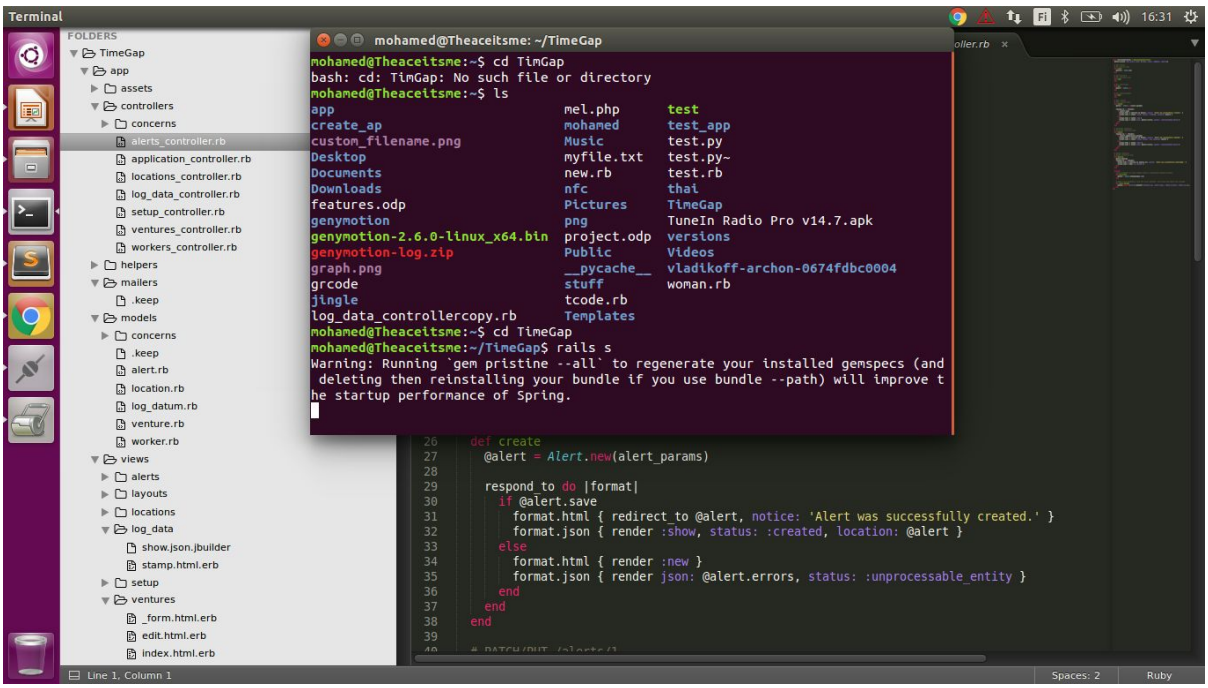
1. Describe shortly what kind web programming framework you chose? Why did you choose it?
   I choose Ruby on Rails because its the most popular among companies ,start-ups ,and open source developers .
   This makes it easy to find fixes for problems ,and also to make use of ready made plugins ,and the support of gems (ruby libraries)
   also the scaffold command makes building show edit delete as fast as one command on the terminal
2. Very much used design pattern in web programming is MVC architecture? What is it? Does your framework support it?
   Model view controller is by far the most common type of applications frameworks,it is based on the idea of separating logic from representation
   so that means backend-end(controller) is separated from front-end(views/assets/styles) and from model(database object class)
   which makes code easy to maintain and to work on as team

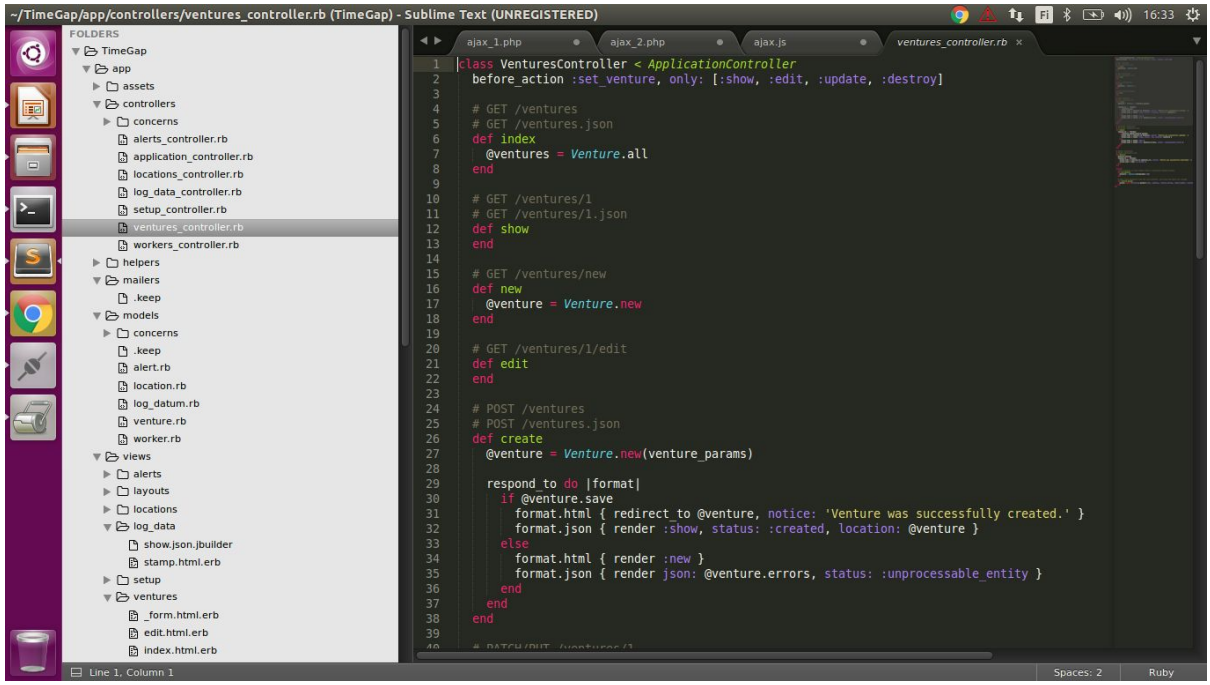
3. What is Representational State Transfer(REST)? What kind of application RESTful? How does your framework support RESTful application development?
   REST helps application that has different type of clients(web-application and for example Android interface) access same data using designated service URLS Rails Support it by providing ready controller classes and and routing pattern to make it fast to develop
4. Very often web programming frameworks have default application and folder structure, which is constructed when new application project is started. Does your framework have this behaviour and if it has, explain the structure?
   yes Rails has controllers folder ,views folder ,and a models folder



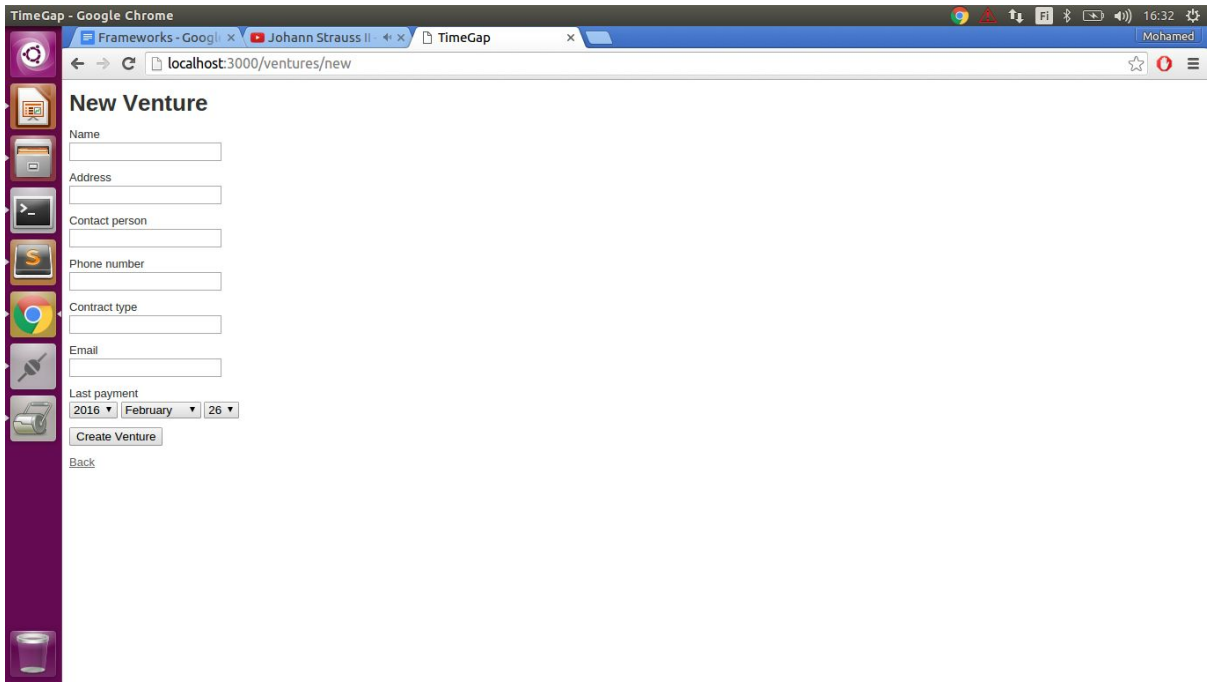
5. Many frameworks have simple example programs or projects for learning purpose of starting developers. If your choice has one, implement it and explain how it works. You can for example add few screenshots.
Starting my local server :



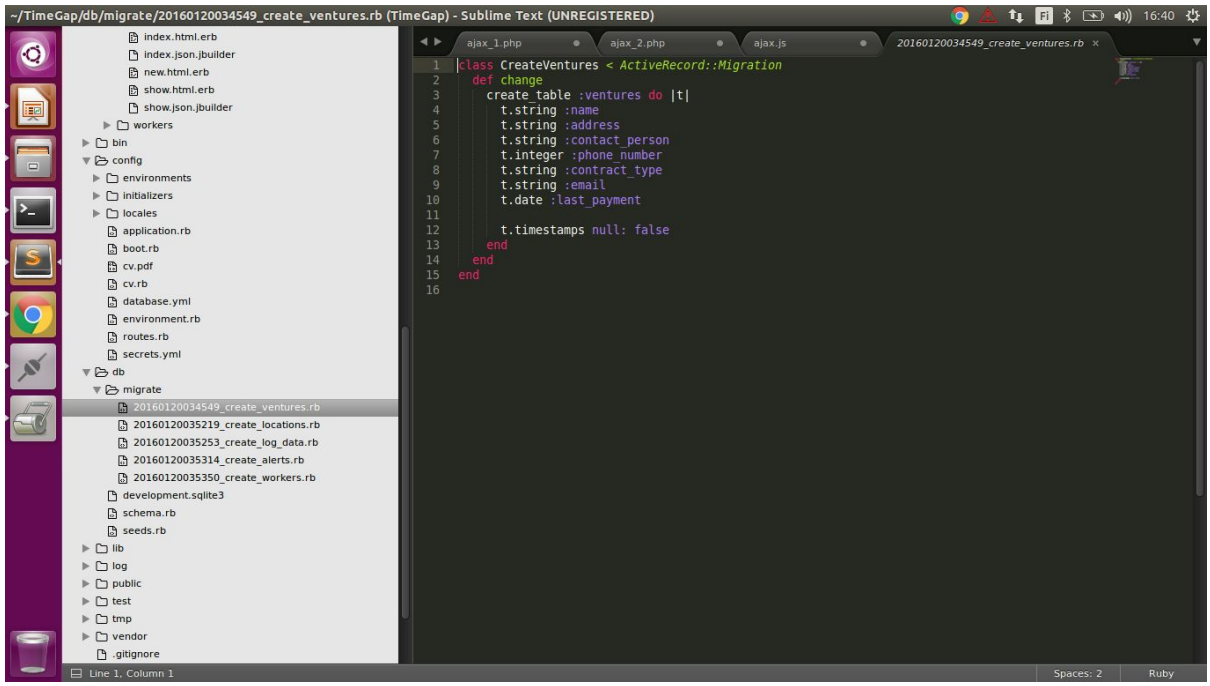
My ‘Ventures ’ controller , created on the fly with scaffold CLI



Screen shot of the ventures view ‘new’ method :



Screen shot of the venture ‘Migration’ File, also generated on the fly :


~/TimeGap/db/migrate/20160120034549_create_ventures.rb (TimeGap) - Sublime Text (UNREGISTERED)
16:40
index.html.erb
index.json.jbuilder
new.html.erb
show.html.erb
show.json.jbuilder
workers
bin
config
environments
initializers
locales
application.rb
boot.rb
cv.pdf
cv.rb
database.yml
environment.rb
routes.rb
secrets.yml
db
migrate
20160120034549_create_ventures.rb
20160120035219_create_locations.rb
20160120035253_create_log_data.rb
20160120035314_create_alerts.rb
20160120035350_create_workers.rb
development.sqlite3
schema.rb
seeds.rb
lib
log
public
test
tmp
vendor
.gitignore
ajax_1.php
ajax_2.php
ajax.js
20160120034549_create_ventures.rb
class CreateVentures < ActiveRecord::Migration
def change
create_table :ventures do |t|
t.string :name
t.string :address
t.string :contact_person
t.integer :phone_number
t.string :contract_type
t.string :email
t.date :last_payment
t.timestamps null: false
end
end
end
Line 1, Column 1
Spaces: 2
Ruby