THE TEST EXERCISE

We're asking you to write a simple Rails app according to the requirements listed below.

We're looking for a simple, clean app. Not production ready, keep it simple and to the point. This is meant to be done in hours, not days. However, there are no time constrains.

- Even though we stick to TDD in our day to day work, we don't require a test suite for this exercise unless it helps you.

- Use of Open Source dependencies is allowed.

Unlike in a real project, if you have any questions about the requirements, please do whatever you think is sensible. Don't ask us!

SKELETON APP

Attached to this email you'll find a skeleton Rails app that you should use as a base. This app already has a layout, basic CSS and an example index page.

DELIVERY FORMAT

Zipped folder. The base app is a local Git repository and you are encouraged but not required to do periodical commits as you work.

PHONEBOOK APP: REQUIREMENTS

Phonebook is a single-user application for keeping track of the people you work with. Here are the user stories.

Create Contact: I want to create new Contacts and give them a first name, last name, email address, and phone number.
Edit Contact: I want to change any of the details of any of my existing contacts.
List Contacts: I want to view all of my contacts in a paginated list.

View Contact: I want to view all the details of one of my contacts.

Contact Picture: I want to upload a single picture for each contact, and view that picture on the contact's detail page.

Thumbnail: I want to see picture thumbnails on the contact list page.

Email Validation: I want to be prevented from creating or saving a contact with an invalidly-formatted email address.

Email Uniqueness: I want to be prevented from creating or saving a contact if their email address is a duplicate of another contact's.

Phone Validation: I want to be prevented from creating or saving a contact if their phone number is not in the format 00 xxx xxxxxx

Create Company: I want to create Companies (name, address) so that I can keep track of who my contacts work for.

Contact In Company: I want to assign my contacts to companies through some kind of interface.

List Companies: I want to view a list of all Companies

View Company: I want to view a single company's details, including all of the contacts in that company

Search Contacts: I want to find contacts by searching on their first or last name.