

Interview Test Project

Introduction

This is a short task to build a rails application with a simple model and controller. Please use git to commit code as you progress. Feel free to use Rails' generators and external gems.

If you find the task takes more than three hours to complete - then feel comfortable to stop at 3 hours and submit the work as-is.

Please contact me if you have questions or confusion.

Start

1. Generate a new Rails application.
2. Use PostgreSQL or SQLite for the database.
3. Generate/Add a user model with the following properties:

```
first_name <string>
last_name <string>
born_on <date>
is_admin <boolean>
```

4. Generate/Add a users controller with an **#index** action that supports json request/response.

The **#index** action should return a json response for each user, combining `first_name` and `last_name` to `full_name` and **excluding the is_admin property** from the response.

Example JSON response:

```
users: [
  {
    id: 1,
    full_name: "Bob Jones",
    born_on: "1999-05-12"
  },
  . . .
]
```

Feature Request

Support passing in a parameter, **params[:search]** to query on **last_name attribute** using a begins with search.

Example: request ``/users.json?search=Jon``

Such a request should query for users where the last name begins with **Jon**.

Jones
Jonathan
Jonas

but not
Jordon
McJonson
Vijon

This request returns the same JSON response structure as above.

Wrap Up

Write tests.

At minimum you should be testing the controller action response is `:ok`.

Also test that the `is_admin` attribute isn't returned in the json responses.

Commit all your work.

Either push the git repo to a repository and send me an invite to access the repository, or you can just zip up the repository and email it as an attachment.