

Simple Contact List Website

Background

In this exercise we will try to implement almost all the concepts we covered through the course.

Exercise

1) Start a new sinatra Project

By the end of this step you should have a running sinatra project with one hello world page, committed to git and pushed to a github repository

2) Connect to SQLite database and create the first migrations

By the end of this step you should have your first migration to create contacts table and phone numbers table.

The contacts table will have a name and multiple phone numbers.

Use Active records gem as an ORM.

3) Create the index route

When visiting `/contacts` you should be able to see a list of all the contact names in your database

4) Create the show view

When visiting `/contacts/:contact_id` you should be able to see the phone numbers attached to the contact

5) Create the new form

When visiting `/contacts/new` you should see a form to add a contact and multiple phone numbers.

The form should validate the existence of a name and at least one phone number.

6) Create the edit form

In the index and show views you should have the ability to click a link that takes you to a form `/contacts/edit` that enables you to edit the contact.

The same validations for create should apply here

7) Add the search textbox to the index page

You should have a text box at the top of the index page that would return only contacts where the name, phone numbers contain the search keyword