

Chore Weasel: Code Review

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Creating and Testing Jobs

- Creating jobs is important for Chore Weasel
 - The core of Chore Weasel is defined by the wide variety of jobs, and its easy accessibility
- Here we demonstrate our job creation and job controller testing code
- Purpose is to ensure we are using refined and efficient code

Job Creation

```
1 class JobsController < ApplicationController
2   before_action :set_job, only: [:show, :edit, :update, :destroy]
3
4   # GET /jobs
5   # GET /jobs.json
6   def index
7     @jobs = Job.all
8   end
9
10  # GET /jobs/1
11  # GET /jobs/1.json
12  def show
13  end
14
15  # GET /jobs/new
16  def new
17    @job = Job.new
18  end
19
20  # GET /jobs/1/edit
21  def edit
22  end
23
24  # POST /jobs
25  # POST /jobs.json
26  def create
27    @job = Job.new(job_params)
28
29    respond_to do |format|
30      if @job.save
31        format.html { redirect_to @job, notice: 'Job was successfully created.' }
32        format.json { render :show, status: :created, location: @job }
33      else
34        format.html { render :new }
35        format.json { render json: @job.errors, status: :unprocessable_entity }
36      end
37    end
38  end
39 end
```

```
40 # PATCH/PUT /jobs/1
41 # PATCH/PUT /jobs/1.json
42 def update
43   respond_to do |format|
44     if @job.update(job_params)
45       format.html { redirect_to @job, notice: 'Job was successfully updated.' }
46       format.json { render :show, status: :ok, location: @job }
47     else
48       format.html { render :edit }
49       format.json { render json: @job.errors, status: :unprocessable_entity }
50     end
51   end
52 end
53
54 # DELETE /jobs/1
55 # DELETE /jobs/1.json
56 def destroy
57   @job.destroy
58   respond_to do |format|
59     format.html { redirect_to jobs_url, notice: 'Job was successfully destroyed.' }
60     format.json { head :no_content }
61   end
62 end
63
64 private
65 # Use callbacks to share common setup or constraints between actions.
66 def set_job
67   @job = Job.find(params[:id])
68 end
69
70 # Never trust parameters from the scary internet, only allow the white list through.
71 def job_params
72   params.require(:job).permit(:title, :content, :price, :zipcode)
73 end
74 end
```

Job controller test code 1

```
1 require 'test_helper'
2
3 class JobsControllerTest < ActionController::IntegrationTest
4   setup do
5     @job = jobs(:one)
6   end
7
8   test "should get index" do
9     get jobs_url
10    assert_response :success
11  end
12
13   test "should get new" do
14     get new_job_url
15     assert_response :success
16   end
17
18   test "should create job" do
19     assert_difference('Job.count') do
20       post jobs_url, params: { job: { content: @job.content, price: @job.price, title: @job.title, zipcode: @job.zipcode } }
21     end
22
23     assert_redirected_to job_url(Job.last)
24   end
25
26   test "should show job" do
27     get job_url(@job)
28     assert_response :success
29   end
30 end
```

Job controller test code 2

```
30
31 test "should get edit" do
32   get edit_job_url(@job)
33   assert_response :success
34 end
35
36 test "should update job" do
37   patch job_url(@job), params: { job: { content: @job.content, price: @job.price, title: @job.title, zipcode: @job.zipcode } }
38   assert_redirected_to job_url(@job)
39 end
40
41 test "should destroy job" do
42   assert_difference('Job.count', -1) do
43     delete job_url(@job)
44   end
45
46   assert_redirected_to jobs_url
47 end
48 end
49
```