Source Code for cut\_diamonds controller in

the Rails ChicagoDiamonds project

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Page 2

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File name: app/controllers/cut\_diamonds\_controller.rb

=====================================================

class CutDiamondsController < ApplicationController

# GET /cut\_diamonds

# GET /cut\_diamonds.xml

def index

@cut\_diamonds = CutDiamond.all

respond\_to do |format|

format.html # index.html.erb

format.xml { render :xml => @cut\_diamonds }

end

end

# GET /cut\_diamonds/1

# GET /cut\_diamonds/1.xml

def show

@cut\_diamond = CutDiamond.find(params[:id])

respond\_to do |format|

format.html # show.html.erb

format.xml { render :xml => @cut\_diamond }

end

end

# GET /cut\_diamonds/new

# GET /cut\_diamonds/new.xml

def new

@cut\_diamond = CutDiamond.new

respond\_to do |format|

format.html # new.html.erb

format.xml { render :xml => @cut\_diamond }

end

end

# GET /cut\_diamonds/1/edit

def edit

@cut\_diamond = CutDiamond.find(params[:id])

end

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File name: app/controllers/cut\_diamonds\_controller.rb, continued

================================================================

# POST /cut\_diamonds

# POST /cut\_diamonds.xml

def create

@cut\_diamond = CutDiamond.new(params[:cut\_diamond])

respond\_to do |format|

if @cut\_diamond.save

format.html { redirect\_to(@cut\_diamond,

:notice => 'Cut diamond was successfully created.') }

format.xml { render :xml => @cut\_diamond,

:status => :created, :location => @cut\_diamond }

else

format.html { render :action => "new" }

format.xml { render :xml => @cut\_diamond.errors,

:status => :unprocessable\_entity }

end

end

end

# PUT /cut\_diamonds/1

# PUT /cut\_diamonds/1.xml

def update

@cut\_diamond = CutDiamond.find(params[:id])

respond\_to do |format|

if @cut\_diamond.update\_attributes(params[:cut\_diamond])

format.html { redirect\_to(@cut\_diamond,

:notice => 'Cut diamond was successfully updated.') }

format.xml { head :ok }

else

format.html { render :action => "edit" }

format.xml { render :xml => @cut\_diamond.errors,

:status => :unprocessable\_entity }

end

end

end

# DELETE /cut\_diamonds/1

# DELETE /cut\_diamonds/1.xml

def destroy

@cut\_diamond = CutDiamond.find(params[:id])

@cut\_diamond.destroy

respond\_to do |format|

format.html { redirect\_to(cut\_diamonds\_url) }

format.xml { head :ok }

end

end

end

Page 4

================================================

File name: app/views/cut\_diamonds/\_form.html.erb

================================================

<%= form\_for(@cut\_diamond) do |f| %>

<% if @cut\_diamond.errors.any? %>

<div id="error\_explanation">

<h2><%= pluralize(@cut\_diamond.errors.count, "error") %>

prohibited this cut\_diamond from being saved:</h2>

<ul>

<% @cut\_diamond.errors.full\_messages.each do |msg| %>

<li><%= msg %></li>

<% end %>

</ul>

</div>

<% end %>

<div class="field">

<%= f.label :weight %><br />

<%= f.text\_field :weight %>

</div>

<div class="field">

<%= f.label :clarity %><br />

~~<%= f.text\_field :clarity %>~~ ***<%= f.select :clarity, [['Flawless', 'FL'],***

***['Slightly Included', 'SI']***

***['Included', 'I']] %>***

</div>

<div class="field">

<%= f.label :photo %><br />

<%= f.text\_field :photo %>

</div>

<div class="field">

<%= f.label :store\_id %><br />

<%= f.text\_field :store\_id %>

</div>

<div class="actions">

<%= f.submit %>

</div>

<% end %>

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================================================

File name: app/views/cut\_diamonds/index.html.erb

================================================

***<h1>Index of Chicago Cut Diamonds</h1>***

<table>

<tr>

<th>Weight</th>

<th>Clarity</th>

<th>Photo</th>

<th>Store</th>

<th></th>

<th></th>

<th></th>

</tr>

<% @cut\_diamonds.each do |cut\_diamond| %>

<tr>

<td><%= cut\_diamond.weight %></td>

<td><%= cut\_diamond.clarity %></td>

<td><%= cut\_diamond.photo %></td>

<td><%= cut\_diamond.store\_id %></td>

<td><%= link\_to 'Show', cut\_diamond %></td>

<td><%= link\_to 'Edit', edit\_cut\_diamond\_path(cut\_diamond) %></td>

<td><%= link\_to 'Destroy', cut\_diamond,

:confirm => 'Are you sure?', :method => :delete %></td>

</tr>

<% end %>

</table>

<br />  
***<p>There are <%= CutDiamond.count %> diamonds contained in  
 our Cut Diamond database.</p>***

<%= link\_to 'New Cut diamond', new\_cut\_diamond\_path %>

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File name: app/views/layouts/application.html.erb

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<!DOCTYPE html>

<html>

<head>

<title>ChicagoDiamonds</title>

<%= stylesheet\_link\_tag :all %>

<%= javascript\_include\_tag :defaults %>

<%= csrf\_meta\_tag %>

</head>

<body>

<%= yield %>

</body>

</html>

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================================================

File name: app/views/cut\_diamonds/show.html.erb

================================================

***<h1>Cut Diamond Information</h1>***  
<p id="notice"><%= notice %></p>

<p>

<b>Weight:</b>

<%= @cut\_diamond.weight %>

</p>

<p>

<b>Clarity:</b>

<%= @cut\_diamond.clarity %>

</p>

<p>

<b>Photo:</b>

<%= ***image\_tag*** @cut\_diamond.photo %>

</p>

<p>

<b>Store:</b>

<%= @cut\_diamond.store\_id %>

</p>

<%= link\_to 'Edit', edit\_cut\_diamond\_path(@cut\_diamond) %> |

<%= link\_to 'Back', cut\_diamonds\_path %>

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File name: app/views/cut\_diamonds/new.html.erb

================================================

<h1>New cut\_diamond</h1>

<%= render 'form' %>

<%= link\_to 'Back', cut\_diamonds\_path %>

================================================

File name: app/views/cut\_diamonds/edit.html.erb

================================================

<h1>Editing cut\_diamond</h1>

<%= render 'form' %>

<%= link\_to 'Show', @cut\_diamond %> |

<%= link\_to 'Back', cut\_diamonds\_path %>

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File name: app/models/cut\_diamond.rb

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class CutDiamond < ActiveRecord::Base

***belongs\_to :store***

***validates\_presence\_of :name***

end

====================================

File name: app/models/store.rb

====================================

class Store < ActiveRecord::Base

***has\_many :cut\_diamonds***

end

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File name: public/stylesheets/scaffold.css

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body { background-color: #fff; color: #333;

***background-image: url(images/cut-diamonds.jpg);***}

***h2 { font-size: 125%; }***

body, p, ol, ul, td {

font-family: verdana, arial, helvetica, sans-serif;

font-size: 13px;

line-height: 18px;

}

pre {

background-color: #eee;

padding: 10px;

font-size: 11px;

}

a { color: ~~#000~~***green***; } ***/\*Could use #008000 instead of green.\*/***

a:visited { color: #666; }

a:hover { color: #fff; background-color:#000; }

div.field, div.actions {

margin-bottom: 10px;

}

#notice {

color: green;

}

.field\_with\_errors {

padding: 2px;

background-color: red;

display: table;

}

#error\_explanation {

width: 450px;

border: 2px solid red;

padding: 7px;

padding-bottom: 0;

margin-bottom: 20px;

background-color: #f0f0f0;

}

#error\_explanation h2 {

text-align: left;

font-weight: bold;

padding: 5px 5px 5px 15px;

font-size: 12px;

margin: -7px;

margin-bottom: 0px;

background-color: #c00;

color: #fff;

}

#error\_explanation ul li {

font-size: 12px;

list-style: square;

}