Symfony 4: day 4

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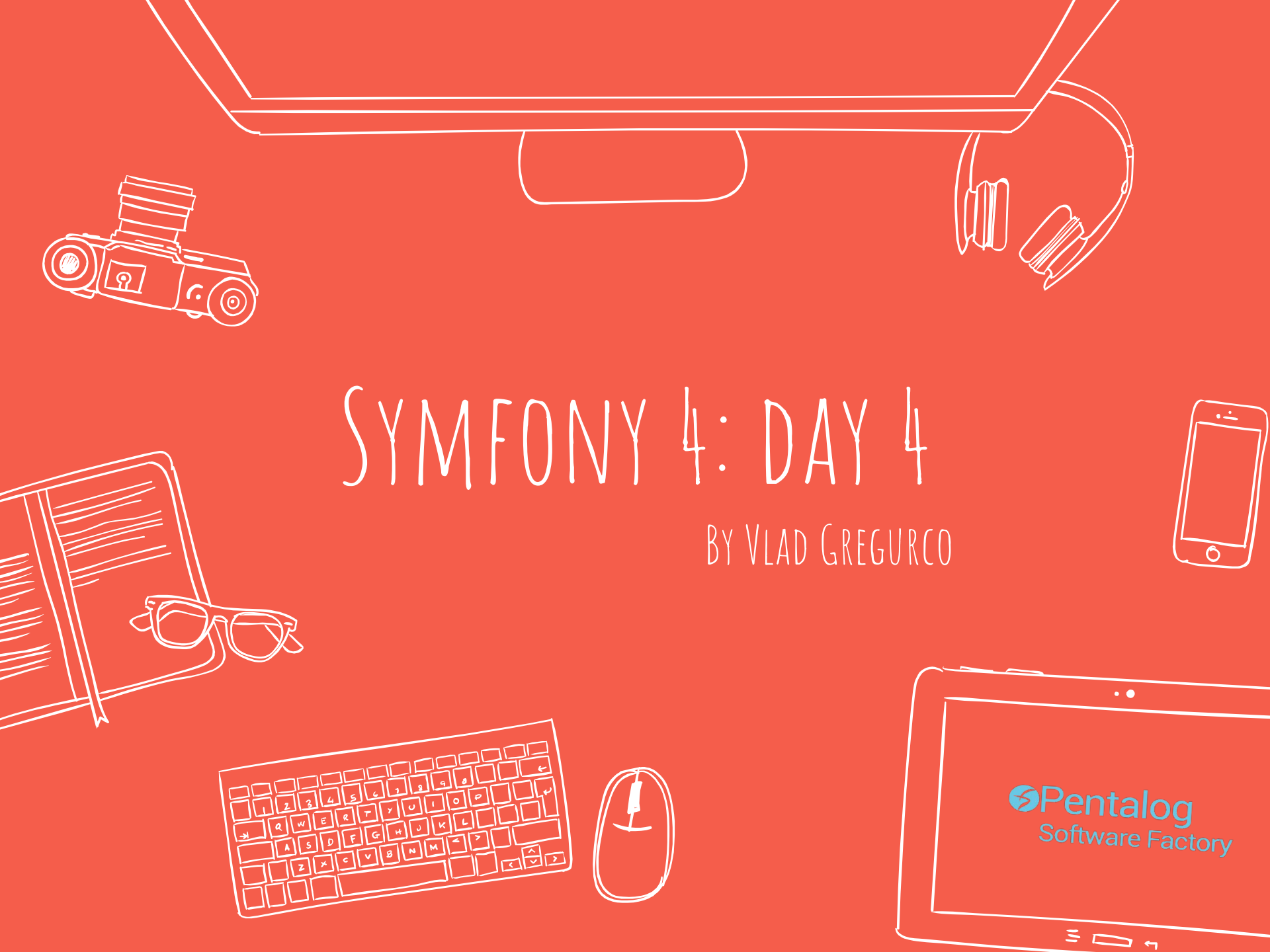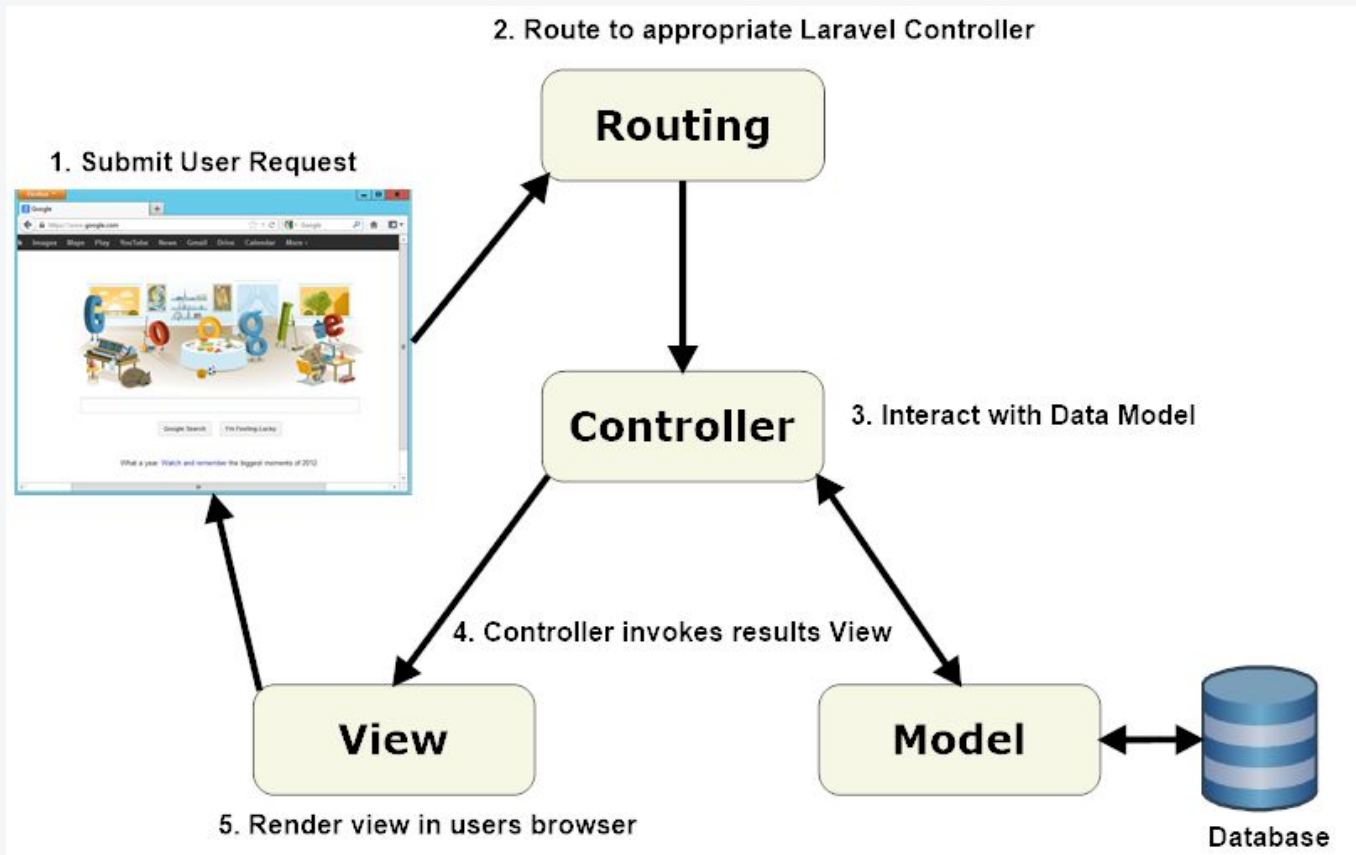
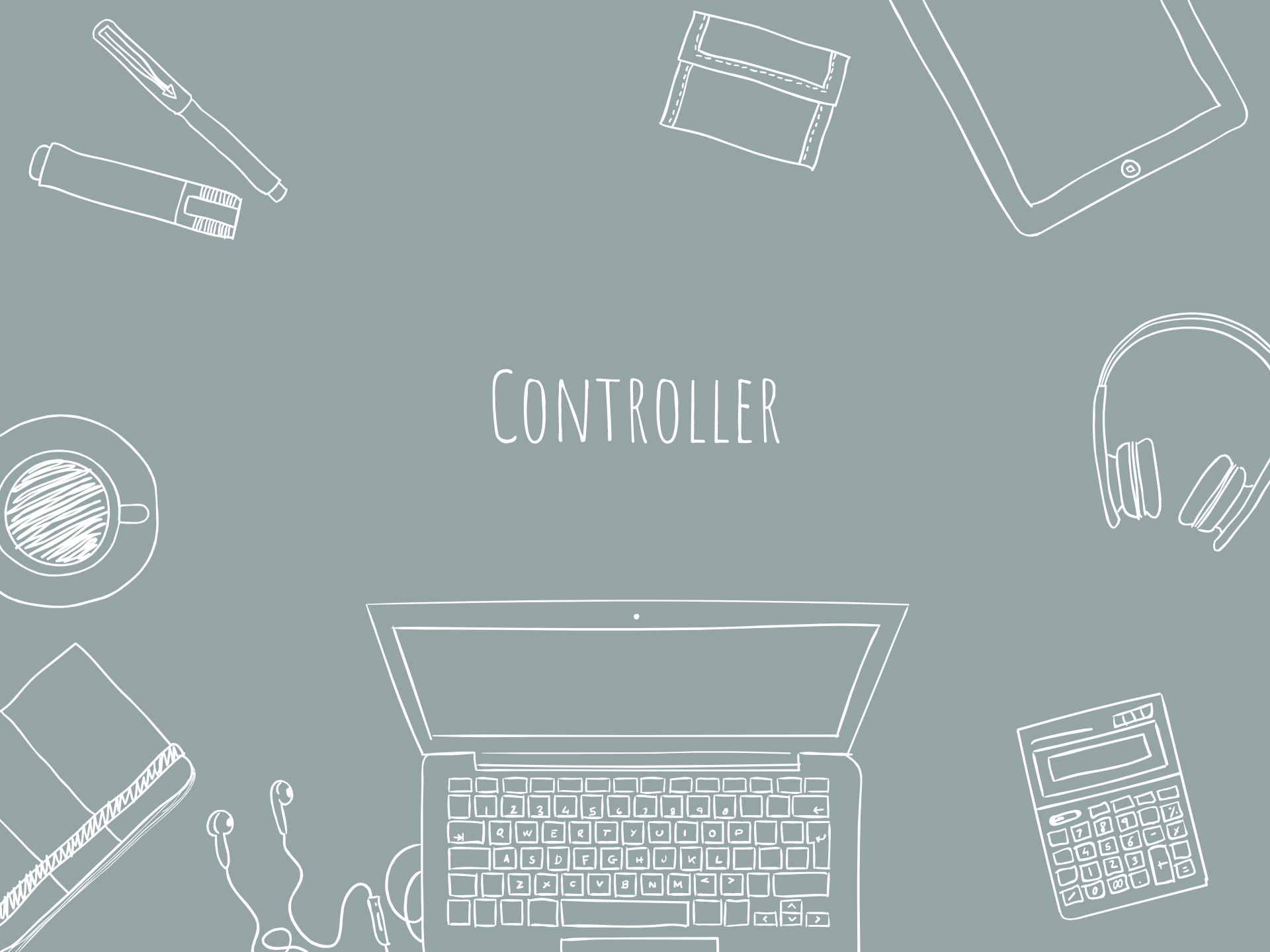# Questions?

MVC

Repository pattern

2. Route to appropriate Laravel Controller

Routing

1. Submit User Request

Controller

3. Interact with Data Model

4. Controller invokes results View

View

5. Render view in users browser

Model

Database

Controller

Our First Controller

```php
<?php

namespace App\Controller;

use App\Entity\Job;
use Sensio\Bundle\FrameworkExtraBundle\Configuration\Method;
use Symfony\Bundle\FrameworkBundle\Controller\AbstractController;
use Symfony\Component\Routing\Annotation\Route;
use Symfony\Component\HttpFoundation\Response;

class JobController extends AbstractController
{
    /**
     * Lists all job entities.
     *
     * @Route("/", name="job.list")
     * @Method("GET")
     *
     * @return Response
     */
    public function listAction() : Response
    {
        $jobs = $this->getDoctrine()->getRepository(Job::class)->findAll();

        return $this->render('job/list.html.twig', [
            'jobs' => $jobs,
        ]);
    }
```

TWIG

Layout

```html
1   <!DOCTYPE html>
2   <html>
3   <head>
4       <title>{% block title %}Jobeet - Your best job board{% endblock %}</title>
5
6       <meta http-equiv="Content-Type" content="text/html; charset=utf-8"/>
7
8       {% block stylesheets %}{% endblock %}
9
10      {% block javascripts %}{% endblock %}
11
12      <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
13  </head>
14  <body>
15  <nav class="navbar navbar-default">
16      <div class="container-fluid">
17          <div class="navbar-header">
18              <a class="navbar-brand" href="{{ path('job.list') }}">Jobeet</a>
19          </div>
20
21          <div class="collapse navbar-collapse">
22              <ul class="nav navbar-nav navbar-right">
23                  <li>
24                      <div>
25                          <a href="#" class="btn btn-default navbar-btn">Post a Job</a>
26                      </div>
27                  </li>
28              </ul>
29          </div>
30      </div>
31  </nav>
32
33  <div class="container">
34      {% block body %}{% endblock %}
35  </div>
36  </body>
37  </html>
```

List Jobs Template

```twig
1  {% extends 'base.html.twig' %}
2
3  {% block body %}
4      <table class="table text-center">
5          <tr>
6              <th class="active text-center">City</th>
7              <th class="active text-center">Position</th>
8              <th class="active text-center">Company</th>
9          </tr>
10
11         {% for job in jobs %}
12             <tr>
13                 <td>{{ job.location }}</td>
14                 <td>
15                     <a href="{{ path('job.show', {id: job.id}) }}">
16                         {{ job.position }}
17                     </a>
18                 </td>
19                 <td>{{ job.company }}</td>
20             </tr>
21         {% endfor %}
22     </table>
23 {% endblock %}
```

Homework

Homework

- ➢ Create first controller for Jobs
- ➢ Create list jobs action
- ➢ Create layout
- ➢ Create template with list of jobs

Links

- ➤ https://github.com/Atlantic18/DoctrineExtensions – useful solutions for entities
- ➤ https://symfony.com/doc/4.0/controller.html
- ➤ https://symfony.com/doc/4.0/templating.html
- ➤ https://symfony.com/doc/4.0/routing.html
- ➤ https://twig.symfony.com/
- ➤ http://getbootstrap.com/ (I used: https://getbootstrap.com/docs/3.3/)

Questions?

thank you!