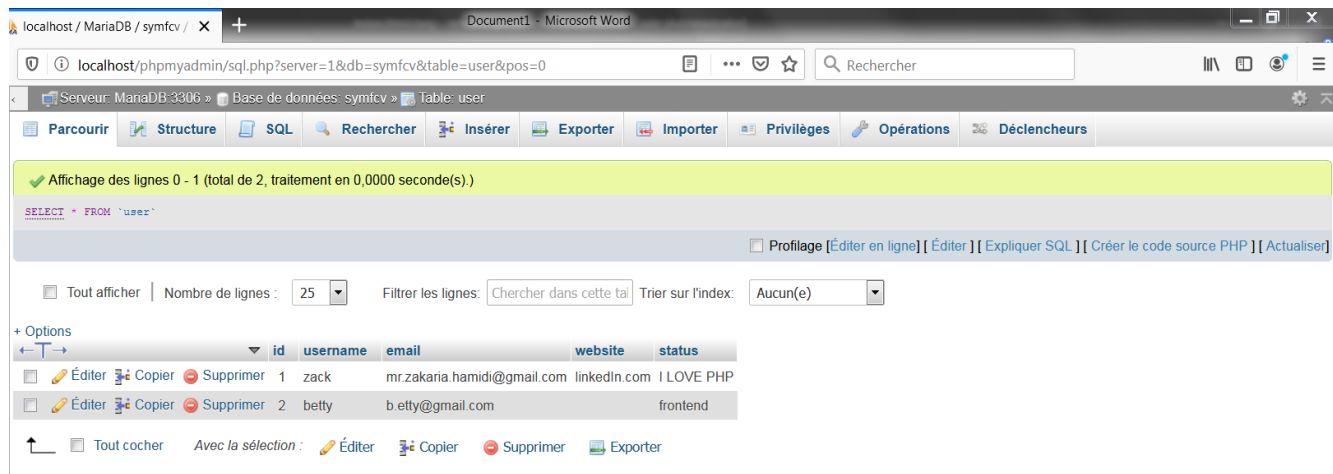# Zakaria Hamidi

<u>Resume Generator</u>

1. Create new skelaton

   -> composer create-project symfony/website-skeleton resume_generator

2. I used server to execute (**php bin/console server:run**)

   -> composer require server --dev

3. Created a controller
4. Generate user Entity
5. I made the migration to database with doctrine, I used *mariaDB* with *WampServer* where I added user for examples
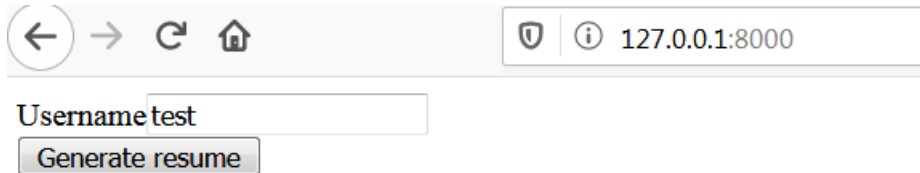

6. I created a method to generate the form and redirection with username as a POST request
7. I used twig
8. I used validator constraints as assert so any user can't generate the resume without typing at least 5 characters

```
private $id;

/**
 * @ORM\Column(type="string", length=255)
 * @Assert\NotBlank
 * @Assert\Length(min=5,minMessage = "At least 5 characters ")
 */
private $username;
```

9. I made a condition if the user exist then it will generate the resume otherwise it will show a message that he doesn't

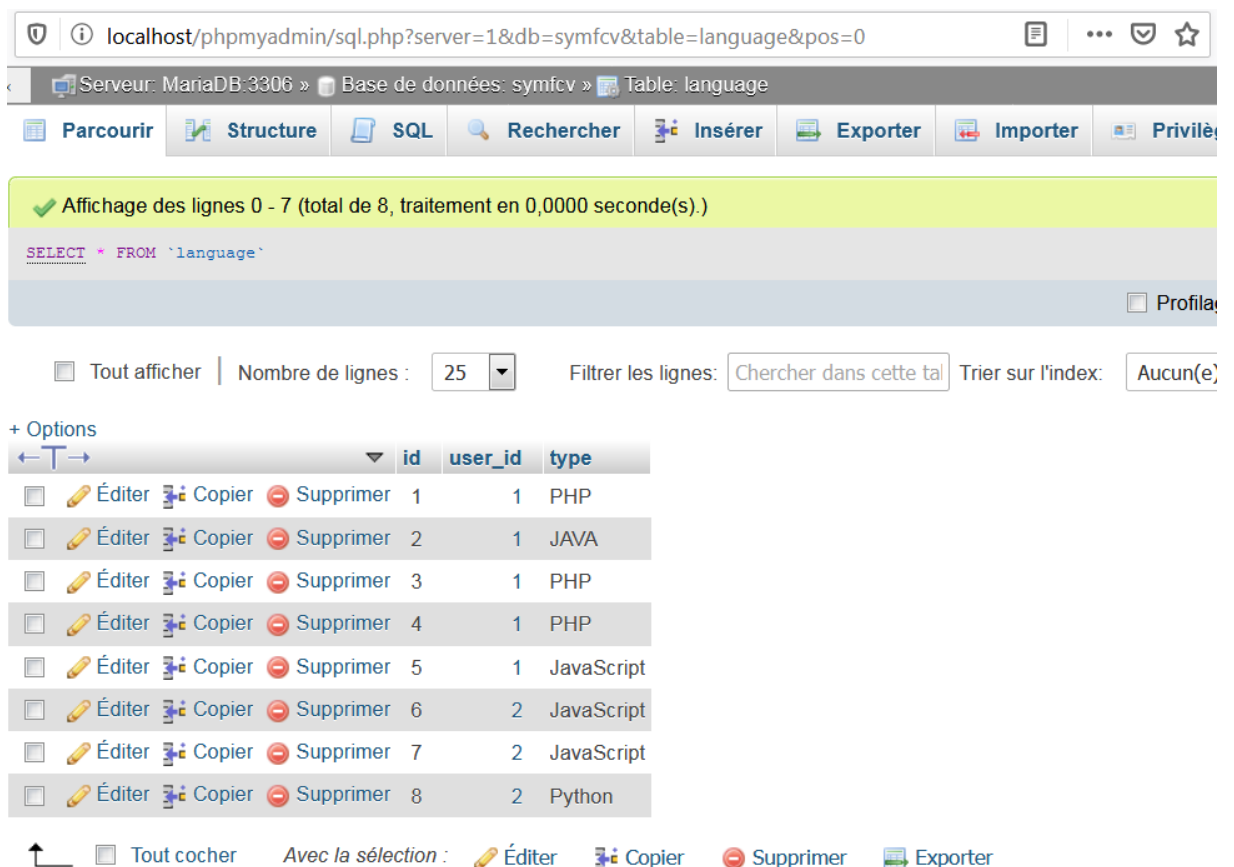10. Condition if web site exists by using «not empty»


```
{# check if the website existe or not #}
{% if user.website is not empty %}
<tr><td><h2>Website </h2></td><td>:</td><td><h2> {{user.website}}</h2></td></tr>
{% endif %}
```

11. Go back link to refresh and go back to generate another resume
12. I added Language entity with a relation ManyToOne to our User entity

```php
/**
 * @ORM\ManyToOne(targetEntity="App\Entity\User", inversedBy="languages")
 * @ORM\JoinColumn(nullable=false)
 */
private $user;

public function getId(): ?int
{
    return $this->id;
}
```

localhost/phpmyadmin/sql.php?server=1&db=symfcv&table=language&pos=0

Serveur: MariaDB:3306 » Base de données: symfcv » Table: language

Parcourir   Structure   SQL   Rechercher   Insérer   Exporter   Importer   Privilè

✔ Affichage des lignes 0 - 7 (total de 8, traitement en 0,0000 seconde(s).)

SELECT * FROM `language`

☐ Profila

☐ Tout afficher | Nombre de lignes : 25 ▼   Filtrer les lignes: Chercher dans cette tal   Trier sur l'index: Aucun(e)
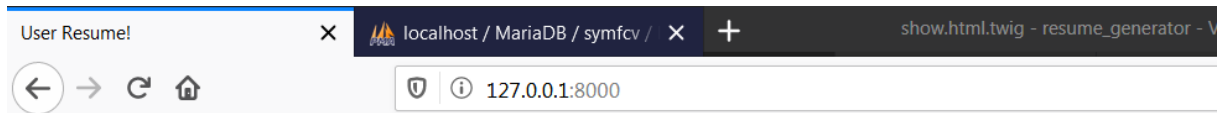
+ Options

			id	user_id	type
☐	✎ Éditer	Copier ⊖ Supprimer	1	1	PHP
☐	✎ Éditer	Copier ⊖ Supprimer	2	1	JAVA
☐	✎ Éditer	Copier ⊖ Supprimer	3	1	PHP
☐	✎ Éditer	Copier ⊖ Supprimer	4	1	PHP
☐	✎ Éditer	Copier ⊖ Supprimer	5	1	JavaScript
☐	✎ Éditer	Copier ⊖ Supprimer	6	2	JavaScript
☐	✎ Éditer	Copier ⊖ Supprimer	7	2	JavaScript
☐	✎ Éditer	Copier ⊖ Supprimer	8	2	Python

↑_ ☐ Tout cocher   Avec la sélection :   ✎ Éditer   Copier   ⊖ Supprimer   Exporter

Zakaria Hamidi

13. I had to use twig to remove get unique languages (remove duplicated languages)

```
{# get languages and remove duplicated lamguages #}
{% set newArray = [] %}
    {% for language in user.languages %}
        {% if language.type not in newArray %}
            <tr><td>{{language.type}}</td><td>()</td></tr>
        {% set newArray = newArray|merge([language.type]) %}
    {% endif %}
    {% endfor %}
</table>
```

User Resume!   ✕   localhost / MariaDB / symfcv ✕   +   show.html.twig - resume_generator - V

← → C ⌂   🛡 ⓘ 127.0.0.1:8000

Name zack! ✅

Status : I LOVE PHP

_____

Email   : mr.zakaria.hamidi@gmail.com

Website : linkedIn.com

_____

Languages:
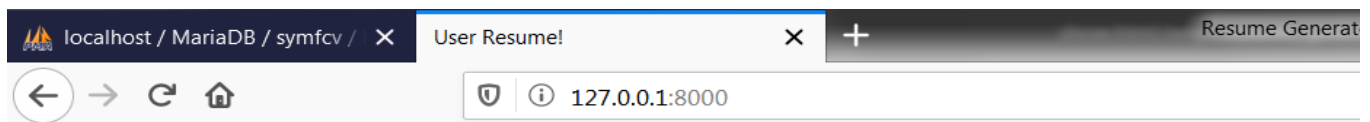
PHP   ()
JAVA   ()
JavaScript ()

_____

go back

14. I used twig conditions and loops to count how many time the languages were used, I used round to ceil the percentage

```
28      {# if there are no languages #}
29      {% if user.languages is not empty%}
30          <h2>Languages:</h2>
31          {# total of languages #}
32          {% set totallang= user.languages|length %}
33          ({{totallang}}) Times in total
34          <table style="width:10%"><tr>
35          {# get languages and remove duplicated languages then use the secon array to count how many time the vales are used #}
36          {% set newArray = [] %}
37          {% set i=0 %}
38              {% for language in user.languages%}
39                  {% if language.type not in newArray %}
40                      <td>{{language.type}}</td><td>|</td>
41                      {% set newArray = newArray|merge([language.type]) %}
42                  {% endif %}
43              {% endfor %}</tr><tr>
44          {% for count in newArray %}
45              {% for language in user.languages|sort %}
46                  {% if language.type==count %}
47                      {% set i=i+1 %}
48                  {% endif %}
49              {% endfor %}
50              <td>({{((i/totallang)*100)|round(2,'ceil')}}%)</td><td>|</td>
51              {% set i=0 %}
52          {% endfor %}</tr>
53          </table>
54      {% endif %}
55
```

---

localhost / MariaDB / symfcv / ⨯   User Resume!   ⨯   +   Resume Generat

← → C ⌂   🛡 ⓘ 127.0.0.1:8000

Name zack! ✅

Status : I LOVE PHP

Email : mr.zakaria.hamidi@gmail.com

Website : linkedIn.com

Languages:

(5) Times in total

PHP | JAVA | JavaScript |
(60%) | (20%) | (20%) | |

---

go back

15. I created The repository Entity
16. Then I did the same as Languages, relation with user, after that I inserted data in DB
17. I added a condition if there are no languages or repositories they won't appear
    First example

Zakaria Hamidi

Name : betty! ✅

Status : frontend
_____

 Email : b.etty@gmail.com

_____

Languages:

(3) Times in total
JavaScript | Python |
(66.67%) | (33.34%) |
_____

go back

Second example and the whole realization

Name : zack! ✅

Status : I LOVE PHP
_____

 Email   : mr.zakaria.hamidi@gmail.com

 Website : linkedIn.com
_____

Languages:

(5) Times in total
PHP | JAVA | JavaScript |
(60%) | (20%) | (20%) |
_____

Repositories:

Name of repository : Symfony resume
Link   : https://symfony.com/index.php/what-is-symfony
Description   : Framework that is goiung to make your programming easier
Name of
repository   : facebox
Link   : http://defunkt.io/facebox/
Description   : This repository has 1969 stars and 422 forks. If you would like more information about this repository and my
                     contributed code, please visit the repo on GitHub.

go back

Thank you for your Time