



Ministerul Educației, Culturii și Cercetării a Republicii Moldova

Universitatea de Stat a Moldovei

Facultatea Matematică și Informatică

# Lucru Individual Nr.2

la disciplina Framework-uri pentru Dezvoltarea  
Aplicațiilor Web

**Tema:”Creare aplicație CRUD”**

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Chișinău 2020

```

C:\Users\User\Desktop\FDAW\Symfony\my_project_name>php bin/console make:entity

Class name of the entity to create or update (e.g. AgreeablePuppy):
> Product

Your entity already exists! So let's add some new fields!

New property name (press <return> to stop adding fields):
> description

Field type (enter ? to see all types) [string]:
> ^C
C:\Users\User\Desktop\FDAW\Symfony\my_project_name>php bin/console make:entity Category

created: src/Entity/Category.php
created: src/Repository/CategoryRepository.php

Entity generated! Now let's add some fields!
You can always add more fields later manually or by re-running this command.

New property name (press <return> to stop adding fields):
> name

Field type (enter ? to see all types) [string]:
> string

Field length [255]:
> 255

Can this field be null in the database (nullable) (yes/no) [no]:
> no

updated: src/Entity/Category.php

Add another property? Enter the property name (or press <return> to stop adding fields):
>

Success!

Next: When you're ready, create a migration with php bin/console make:migration

C:\Users\User\Desktop\FDAW\Symfony\my_project_name>

```

```
C:\Users\User\Desktop\FDAW\Symfony\my_project_name> php bin/console make:entity
```

Class name of the entity to create or update (e.g. GentleGnome):  
> Product

Your entity already exists! So let's add some new fields!

New property name (press <return> to stop adding fields):  
> category

Field type (enter ? to see all types) [string]:  
> relation

What class should this entity be related to?:  
> Category

What type of relationship is this?

| Type       | Description   |
|------------|---|
| ManyToOne  | Each <b>Product</b> relates to (has) <b>one</b> <b>Category</b> .<br>Each <b>Category</b> can relate to (can have) <b>many</b> <b>Product</b> objects                           |
| OneToMany  | Each <b>Product</b> can relate to (can have) <b>many</b> <b>Category</b> objects.<br>Each <b>Category</b> relates to (has) <b>one</b> <b>Product</b>                            |
| ManyToMany | Each <b>Product</b> can relate to (can have) <b>many</b> <b>Category</b> objects.<br>Each <b>Category</b> can also relate to (can also have) <b>many</b> <b>Product</b> objects |
| OneToOne   | Each <b>Product</b> relates to (has) exactly <b>one</b> <b>Category</b> .<br>Each <b>Category</b> also relates to (has) exactly <b>one</b> <b>Product</b> .                     |

```
C:\Users\User\Desktop\FDAW\Symfony\my_project_name> php bin/console doctrine:migrations:diff
```

[WARNING] You have 3 previously executed migrations in the database that are not registered migrations.

Are you sure you wish to continue? (yes/no) [yes]:  
> yes

Generated new migration class to "C:\Users\User\Desktop\FDAW\Symfony\my\_project\_name/migrations/Version20201125182601.php"

To run just this migration for testing purposes, you can use `migrations:execute --up 'DoctrineMigrations\\Version20201125182601'`

To revert the migration you can use `migrations:execute --down 'DoctrineMigrations\\Version20201125182601'`

```
C:\Users\User\Desktop\FDAW\Symfony\my_project_name> php bin/console doctrine:migrations:migrate
```

WARNING! You are about to execute a database migration that could result in schema changes and data loss. Are you sure you wish to continue? (yes/no) [yes]:  
> yes




[notice] Migrating up to DoctrineMigrations\Version20201125184106  
[notice] finished in 194.2ms, used 24M memory, 1 migrations executed, 4 sql queries

```
C:\Users\User\Desktop\FDAW\Symfony\my_project_name> _
```

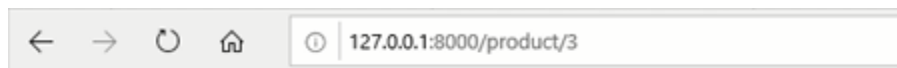
## Rezultat 1



Saved new product with id: 3 and new category with id: 1

|                          |  | id | name      | price | description            | category_id |
|--------------------------|--|----|-----------|-------|------------------------|-------------|
| <input type="checkbox"/> |  Edit  Copy  Delete | 3  | Keyboard2 | 19    | Ergonomic and stylish! | 1           |

## Rezultat 2



Check out this great product: Keyboard2 Category Name Computer Peripherals

|                          |  | id | name      | price | description            | category_id |
|--------------------------|--|----|-----------|-------|------------------------|-------------|
| <input type="checkbox"/> |  Edit  Copy  Delete | 3  | Keyboard2 | 19    | Ergonomic and stylish! | 1           |

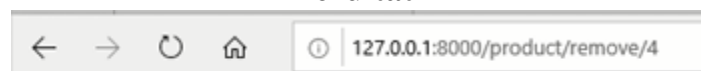
## Rezultat 3





Check out this great product: New product name! Category Name Computer Peripherals

| ← T →                    |  | id | name              | price | description            | category_id |
|--------------------------|--|----|-------------------|-------|------------------------|-------------|
| <input type="checkbox"/> |  Edit  Copy  Delete | 3  | New product name! | 19    | Ergonomic and stylish! | 1           |
| <input type="checkbox"/> |  Edit  Copy  Delete | 4  | Keyboard2         | 19    | Ergonomic and stylish! | 2           |
| <input type="checkbox"/> |  Edit  Copy  Delete | 5  | Keyboard2         | 19    | Ergonomic and stylish! | 3           |

## Rezultat 4



Product was successfully removed

|                          |  | id | name              | price | description            | category_id |
|--------------------------|--|----|-------------------|-------|------------------------|-------------|
| <input type="checkbox"/> |  Edit  Copy  Delete | 3  | New product name! | 19    | Ergonomic and stylish! | 1           |