

Лабораторна робота №2

1) Описати CRUD операції на Symfony.

Приклад

```
ProductController.php
35
36  /**
37   * @return JsonResponse
38   */
39  #[Route('/products', name: 'get_products', methods: [Request::METHOD_GET])]
40  public function getProducts(): JsonResponse
41  {
42      return new JsonResponse(['data' => self::PRODUCTS], status: Response::HTTP_OK);
43  }
44
45  /**
46   * @param string $id
47   * @return JsonResponse
48   */
49  #[Route('/products/{id}', name: 'get_product_item', methods: [Request::METHOD_GET])]
50  public function getProductItem(string $id): JsonResponse
51  {
52      $product = $this->getProductItemById( products: self::PRODUCTS, $id);
53
54      if (!$product) {
55          return new JsonResponse(['data' => ['error' => 'Not found product by id ' . $id]], status: Response::HTTP_NOT_FOUND);
56      }
57
58      return new JsonResponse(['data' => $product], status: Response::HTTP_OK);
59  }
60
61  #[Route('/products', name: 'post_products', methods: [Request::METHOD_POST])]
62  public function createProduct(Request $request): JsonResponse
63  {
64      $requestData = json_decode($request->getContent(), associative: true);
65
66      $productId = random_int(1, 100);
67
68      $newProductData = [
69          'id' => $productId,
70          'name' => $requestData['name'],
71          'description' => $requestData['description'],
72          'price' => $requestData['price']
73      ];
74
75      // TODO insert to db
76
77  }
```

2) Описати CRUD операції на Laravel.

Приклад

```
ProductController.php x
34  /**
35   * @return mixed
36   */
37  public function getProducts(): mixed
38  {
39      return response()->json(self::PRODUCTS, Response::HTTP_OK);
40  }
41
42  /**
43   * @param string $id
44   * @return mixed
45   */
46  public function getProductItem(string $id): mixed
47  {
48      $product = $this->getProductItemById( products: self::PRODUCTS, $id);
49
50      if (!$product) {
51          return response()->json(['data' => ['error' => 'Not found product by id ' . $id]], Response::HTTP_NOT_FOUND);
52      }
53
54      return response()->json(['data' => $product], Response::HTTP_OK);
55  }
56
57  /**
58   * @param Request $request
59   * @return mixed
60   * @throws Exception
61   */
62  public function createProduct(Request $request): mixed
63  {
64      $requestData = json_decode($request->getContent(), associative: true);
65
66      $productId = random_int(1, 100);
67
68      $newProductData = [
69          'id' => $productId,
70          'name' => $requestData['name'],
71          'description' => $requestData['description'],
72          'price' => $requestData['price']
73      ];
74
75      // TODO insert to db
76  }
```

Доступ надати на пошту - kipz_goo@ztu.edu.ua, та заповнити документ - https://docs.google.com/spreadsheets/d/1k2tWsv0-iGZn43hb_R2xQwWWP7Uu5J3Ui0eWMdd2a1g/edit?gid=1890460406#gid=1890460406