|  |  |
| --- | --- |
| Project name | GOPIZZA restaurant |

|  |  |  |
| --- | --- | --- |
| Project author | | |
| № | Names of Participants | FN |
| 1 | Ilia Petrov | 62520 |

|  |
| --- |
| 1. Short project description (Business needs and system features) |
| This project is presents a small restarant which offers salds and pizzas. It uses a-h templ, htmx and alpine.js for the frontent. For database the app uses sqlc with Postgres. All images in the app (product ones) are stored in AWS S3. For authentication the app relies on AWS Cogntio. For payments the app uses Stripe SDK for GO. There are 2 types of users: clients - can order from the restaurant; admins – can order from the restaurant & can add/remove products from the restarant. |

|  |  |  |
| --- | --- | --- |
| 1. Main Use Cases / Scenarios | | |
| **Use case name** | **Brief Descriptions** | **Actors Involved** |
| * 1. **Register** | User should enter email. Password and address | All users |
| * 1. **Verify registration code** | *User sh*ould visit its email and type the verification code | All users |
| * 1. **Login** | *User should enter his email and password. Based on its permission he will be redirected to home page for normal clients or the home page for admins* | All users |
| * 1. **Add/remove pizzas** | *Adminis can add/remove pizzas* | *Admin users* |
| * 1. **Add/remove salads** | *Adminis can add/remove salads* | *Admin users* |
| * 1. **Make orders** | *Each user can add items to is cart. After he finishes he should enter his debit/credit card details and complete the order* | *Users with account* |
| * 1. **Browse available pizzas** | *Users should be able too see all available pizzas and to be able to add them to their cart* | *Users with account* |
| * 1. **Browse available salads** | *Users should be able too see all available salads and to be able to add them to their cart* | *Users with account* |

|  |  |  |
| --- | --- | --- |
| 1. Main Views (Frontend) | | |
| **View name** | **Brief Descriptions** | **URI** |
| * 1. **Home** | Presents all available pizzas and salads | /home |
| * 1. **Admin Home** | Presents all available pizzas and salads and allows to add/delete products | */admin/home* |
| * 1. **Register** | Present view for registration | */register* |
| * 1. **Code verification view** | Present view for code verification | */code-verification* |
| * 1. **Login** | Present view for logic | */login* |
| * 1. **Checkout** | Presents all available items in the cart and a form for credit card details | */checkout* |
| * 1. **Tracking** | Provides a view which shows the status of the order, its price and the users address | */tracking* |

|  |  |  |
| --- | --- | --- |
| 1. API Resources (Backend) | | |
| **View name** | **Brief Descriptions** | **URI** |
| * 1. **Public API** | Auth endpoints | */public/v0/login /public/v0/register /public/v0/code-verification /public/v0/logout* |
| * 1. **Payments** | Payments endpoints | */api/v0/payments/config /api/v0/payments/metadata* |
| * 1. **Client Products API** | CRUD clients for producsts | */api/v0/pizzas*  */api/v0/salads* |
| * 1. **Admin Products API** | CRUD admin for producsts | */admin/v0/pizzas*  */admin/v0/salads* |
| * 1. **Carts**   2. **Orders** | CRUD for users carts  CRUD for orders | */api/v0/carts*  */api/v0/orders* |