**YOVER**

Food delivery app

Author: Crisan Cristian-Alexandru, group 30431

# Assignment Specification

The application is designed for food orders on a website from local restaurants. It focuses on consumer experience, but it also offers functionalities for restaurant administrators to upload and promote their dishes.

# Functional Requirements

* The restaurant administrator can:

1. Register into the application.
2. Log in into the application.
3. Add a restaurant to the application, along with the information needed

(name, location, available delivery zones).

1. Select a category and add foods for each category.
2. View the menu (with all existing foods, separated into categories).
3. Accept or decline orders.
4. View orders(with status).
5. Filter orders by status.
6. Change the status of orders.

* The customer can:

1. Register into the application(his/her account’s password is encoded in the database).
2. Log in into the application.
3. View restaurants.
4. View menu for the selected restaurant.
5. Add foods to cart.
6. Place order.
7. See status of their order.
8. See history of all orders placed.
9. Search the restaurants by name.

# Non-functional requirements

* **Performance**

As an app that handles communication between database and user, the Yover is focused on retrieving the best performance throughout all the experience of using it and aims to compromise the speed as little as possible.

* **Security**

Having a username/email and an encrypted password as credentials for users, the app implements a very basic but essential layer of security

* **Usability**

This application can be used by any food delivery business that wants to get close to their clients and of course, expand their clientele.

# Use-case diagram

Diagram

Description automatically generated

# Use-case identification

Use case name: Login

Level: User-Goal

Main Actor: User(whether Customer or Restaurant Administrator)

Main success scenario: The user presses the LOGIN button after introducing a valid password username combination. The user can now access all the other features of the app.

Extension: The user presses the LOGIN button after introducing an invalid passcode username combination. The client is informed about having introduced the wrong credentials and is asked to try again.

Use case name: Add restaurant

Level: User-Goal

Main Actor: Restaurant Administrator

Main success scenario: The restaurant administrator presses the “Add restaurant” button. A modal containing a form for the necessary restaurant information pops out.

Extension: The agent gives up on the operation and closes the window. He/she is redirected back to the operation choice menu.

# Diagrams

* Database Diagram:

A picture containing text

Description automatically generated

* Package Diagram(organized in layers)

Diagram

Description automatically generated