FoodPanda Application

Project documentation

**Software Design Laboratory**

**Assignment 2**

Student: Keresztes Beáta

**Group: 30432**

# Use case-diagram

Diagram

Description automatically generated

# Package diagrams

## Layered architecture

Diagram

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### Package controller

### Graphical user interface, application Description automatically generated

### Package dto

### A screenshot of a phone Description automatically generated with medium confidence

### Package mapper

### Graphical user interface, text Description automatically generated

### Package exceptions

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### Package service

A screenshot of a computer

Description automatically generated with medium confidence

### Package model

Diagram

Description automatically generated

## Package repository

Graphical user interface, application

Description automatically generated

# Class diagram (example)

* **Food**: entity

Graphical user interface

Description automatically generated with low confidence

* **FoodDTO:** dto

Graphical user interface

Description automatically generated

* **FoodMapper:** convert from entity to dto and from dto to entity

Graphical user interface, text

Description automatically generated

* **FoodRestController:** Rest controller for food entities

Graphical user interface

Description automatically generated

* **FoodServiceImpl:** contains the business logic for related to foods

Text

Description automatically generated

* **FoodRepository:**  responsible for accessing the food related data in the database storage

Graphical user interface, text, application, chat or text message

Description automatically generated

# Database diagram

Graphical user interface

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