# **FoodDelivery Project Tasks:**

* **UI Design (Front-End – Android)**
* **Login Page**
* **Registration Page**
* **Profile Page**
* **Restaurants Page**
* **Menu Page**
* **Product Page**
* **Check-out page**
* **Navigation**

**Code**

* **Code Implementation ( Front-End )**
  + **User**
    - **Login**
      * **Regex**
      * **Call route**
    - **Register**
      * **Regex**
      * **Call route**
    - **Profile**
      * **Call route**
  + **Restaurants**
    - **Call route**
  + **Menu**
    - **Call route**
  + **Products**
    - **Call route**
  + **Product**
    - **Call route**
  + **Shopping Cart**
    - **Call route**
* **Code Implementation ( Back-End - Web Api .NET 3.1 + SQL Server)**
  + **Database**
  + **Create Users Table - Marius (100%)**
  + **Create Products Table – Marius (100%)**
  + **Create Orders Table – Marius (100%)**
  + **Create Restaurants Table – Marius (100%)**
  + **Models**
    - **User Model – Marius (100%)**
    - **Restaurant Model – Marius (100%)**
    - **Product Model – Marius (100%)**
    - **Order Model – Marius (100%)**
  + **Interface for Repositories**
    - **User IRepository – Marius (100%)**
    - **Restaurant IRepository – Marius (ToDo)**
    - **Product IRepository – Marius (ToDo)**
    - **Order IRepository – Marius (ToDo)**
  + **Repositories** 
    - **User Repository (40%)**
      * **Constructor - – Marius (100%)**
      * **Add -– Marius (100%)**
      * **VerifyExistence -– Marius (100%)**
      * **GetAll – Marius (100%)**
      * **GetById – Marius (ToDo)**
      * **GetByUsername – Marius (ToDo)**
      * **Update – Marius (ToDo)**
      * **Delete – Marius (ToDo)**
    - **Restaurant Repository** 
      * **Constructor - – Marius (ToDo)**
      * **Add -– Marius (ToDo)**
      * **VerifyExistence -– Marius (ToDo)**
      * **GetAll – Marius (ToDo)**
      * **GetById – Marius (ToDo)**
      * **GetByUsername – Marius (ToDo)**
      * **Update – Marius (ToDo)**
      * **Delete – Marius (ToDo)**
    - **Product Repository** 
      * **Constructor - – Marius (ToDo)**
      * **Add -– Marius (ToDo)**
      * **VerifyExistence -– Marius (ToDo)**
      * **GetAll – Marius (ToDo)**
      * **GetById – Marius (ToDo)**
      * **GetByUsername – Marius (ToDo)**
      * **Update – Marius (ToDo)**
      * **Delete – Marius (ToDo)**
    - **Order Repository** 
      * **Constructor - – Marius (ToDo)**
      * **Add -– Marius (ToDo)**
      * **VerifyExistence -– Marius (ToDo)**
      * **GetAll – Marius (ToDo)**
      * **GetById – Marius (ToDo)**
      * **GetByUsername – Marius (ToDo)**
      * **Update – Marius (ToDo)**
      * **Delete – Marius (ToDo)**
  + **ContextDb (Migration) – Marius (100%)**
  + **Controllers**
    - **User Controller (50%)**
      * **Add - Marius(100%)**
      * **GetAll - Marius(100%)**
      * **Update - Marius(ToDo)**
      * **Delete - Marius(ToDo)**
    - **Restaurant Controller**
      * **Add - Marius(ToDo)**
      * **GetAll - Marius(ToDo)**
      * **Update - Marius(ToDo)**
      * **Delete - Marius(ToDo)**
    - **Product Controller**
      * **Add - Marius(ToDo)**
      * **GetAll - Marius(ToDo)**
      * **Update - Marius(ToDo)**
      * **Delete - Marius(ToDo)**
    - **Order Controller**
      * **Add - Marius(ToDo)**
      * **GetAll - Marius(ToDo)**
      * **Update - Marius(ToDo)**
      * **Delete - Marius(ToDo)**

Requirements:

* **Microsoft.AspNet.WebApi.Client**
* **Microsoft.EntityFrameworkCore**
* **Microsoft.EntityFrameworkCore.Design**
* **Microsoft.EntityFrameworkCore.SqlServer**
* **Microsoft.EntityFrameworkCore.Tools**
* **Sql Server 2019**
* **Sql Server Management Studio**

**(They are installed on the project already)**