# Working with Distributed Data: Exercises

Problems for exercises and homework for the [Architecture of ASP.NET Core Microservices Applications](https://softuni.bg/trainings/2999/architecture-of-asp-dot-net-core-microservices-applications-june-2020) course.

You should create a repository on GitHub, push your source code there, and link it here:

<https://softuni.bg/trainings/2999/architecture-of-asp-dot-net-core-microservices-applications-june-2020#lesson-16427>

## Introduce Bounded Contexts and Multiple Web Applications

Think about the different bounded contexts for your web application. Separate the database and introduce different microservices.

* Extract the authentication and authorization to a separate microservice
* Introduce at least 2 more microservices and extract common logic
* Make sure they make sense in terms of the bounded context definition
* Think about the end-usage of your public APIs and design the system accordingly
  + Consider queries that span multiple services
  + Consider duplicating your data when necessary