Mediator pattern to notify different parts of UI about events (f.e. clicking a tour on left side displays tour infos on right side -> works, despite the two parts being completely seperated from another)

Repository pattern for db -> creating repositories which are then used by services in bll, no direct access to db inside of bll

Dependency injection for testability

Started with Newtonsoft.json for serialization var json = JObject.Parse(content); -> switched to System.Text.Json

System.Globalization for comma issue when making request url

using System.ComponentModel.DataAnnotations.Schema; for [NotMapped]