Statement

Provide a solution for an Agency to book appointments for the customers and issue tokens. The agency can look at the queue i.e. grid of the customers having appointment for that day.

Extra functionality (optional):

- Agency can specify which days are off days i.e. public holiday
- Agency can specify maximum number of appointments allowed per day. If anymore customers register for that day they are added up to next day's appointments

Demonstration Points

- Introduce separation of concerns between Business and Web layer
- Leverage third party libraries using NuGet
- Make classes ready for IoC/DI which can later be used, e.g. Autofac
- Simplify code with LINQ
- Create API documentation using Swagger.
- Write Unit Tests
- Use WebAPI for web services.
- Use Azure cloud hosting to manage and host Web API projects.
- Practice source control using GitHub.