Requirements:
*Applying design-first approach, using the API design tool of your choice, please **design** a RESTful "Ticketing" API, obeying the following rules:*
- Everyone can see the tickets
- Only authenticated users can sale or purchase tickets
- Only the ticket owner can modify the ticket (e.g. change price)

***Implement** using ASP.NET WebAPI, preferably in C#, only the update ticket endpoint described by your design and cover it with automated **tests**.*

Solution:

- clean arhitecture
- web ui, api and testing startup projects
- **not all requirements implemented** (missing authentication, sale/puchase tickets, all users can modify tickets not just the owne, testing not compleate)

Web app: ***https://localhost:44383/***

API Design: ***https://localhost:44363/swagger/index.html***

Owners

GET
`/api/Owners`
GET
`/api/Owners/{id}`
GET
`/api/owners/{oid}/tickets`

Tickets

GET
`/api/Tickets`
GET
`/api/Tickets/{id}`
PUT
`/api/Tickets/{id}`

Jira

https://anileve.atlassian.net/secure/RapidBoard.jspa?rapidView=1&projectKey=RTA (unfinished)

Setup and Prerequisites

- Install .NET Core
- Install Visual Studio 2019
- Install Blazor
- using in-memory database

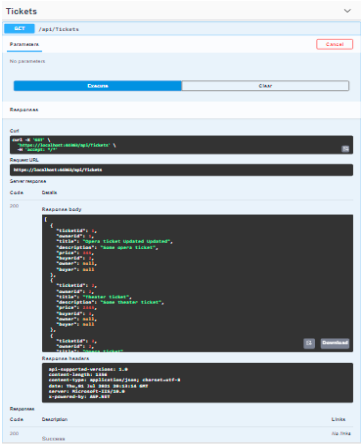
User strories:

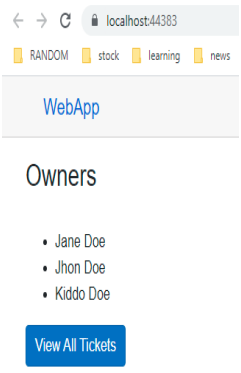
1. Everyone can see the tickets

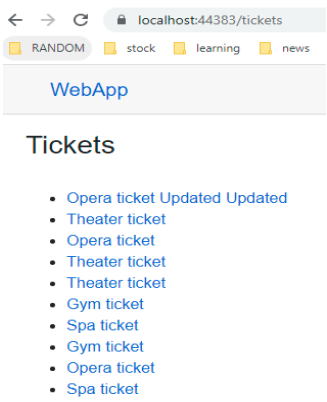
"As a guest user, I want to see all tickets"

Acceptance Criteria: Given the ticketing application, when any guest user accesses it, a list of all tickets is displayed.

Any user of the application can see the tickets both in the UI or using the API.







https://localhost:44383/tickets

2. Only authenticated users can sale or purchase tickets

“As an authenticated user, I want to sell/buy tickets.”

Acceptance Criteria:

Given the user, when it is authenticated, it can buy/sell tickets

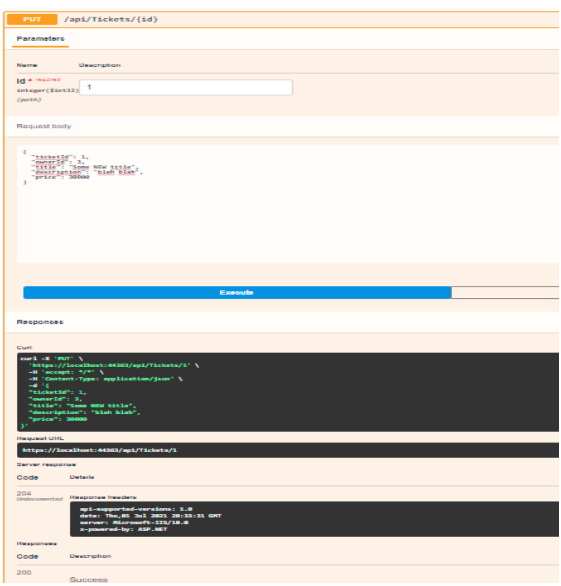
3. Only the ticket owner can modify the ticket (e.g. change price)

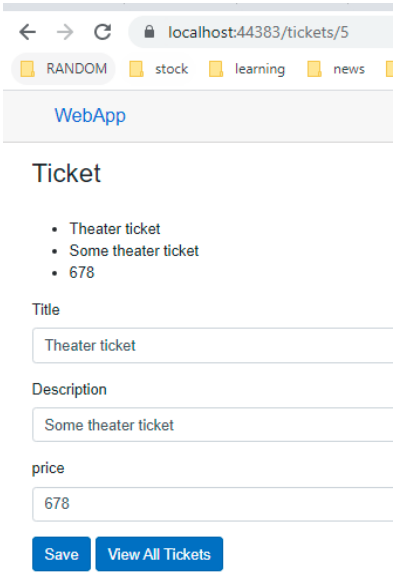
“As a ticket owner, I want to modify the ticket (e.g. change price).”

Acceptance Criteria:

Given an existing ticket, when it is selected by the owner, the ticket can be edited.

(partially implemented)





4. Implement automated tests for the update ticket endpoint (*partially implemented)*