

Implement API for a simple book reservation system. API provides the following possibilities:

- CRUD API for the Book entity
  - Book entity contains the following properties ('\*' means required): id\*, title\*, author (some other properties if you want)
- POST endpoint to reserve a book
  - o Book id and comment should be passed as a parameter
  - decide by you own where to store reserved status and comment for the given book (history of statuses is not needed)
  - if book is already reserved endpoint should respond with some error status
- POST endpoint to remove reserved status for a book
  - Book id should be passed as a parameter
- GET endpoint to get list of reserved books with reservation comment
- GET endpoint to get list of available (not reserved) books

## Technical requirements:

- use .NET 5.0 or newer version
- use any database on your choice, no installation should be needed: use embedded database or Docker
- Docker is the preferred way to run the API (not required)
- Swagger UI should be included to use the API (required)
- No authorization needed

## Additional task (not required):

- Save the history of status changing
- Provide endpoint to get status history for the given book

Description above gives a general idea for the task. If some requirement is missing you can implement it as you want providing comments with your final result if needed.