## Use cases:

### Add a client

User is able to add a new client to the system

### Add a movie

User is able to add a new movie to the system

### Rent a movie

User is able to rent a movie

### Return a movie

User is able to return a movie

## Technology stack

Application is built using Asp.Net Core Framework. It was selected because it’s the latest version of ASP.Net Framework and recommended by Microsoft.

ASP Framework provides a set of RESTful APIs and, for the sake of simplicity, uses simple in-memory storage for data.

UI is build using pure HTML/Javascript (i.e. no MVC views). It is the most flexible solution and allows for maximum decoupling – frontend code can be easily separated from backend and deployed on a separate server, which can be a significant advantage when it comes to scalability. Apart from that, I believe that pure HTML/JS solutions are much cleaner, and don’t require any .Net knowledge from UI developers.

Frontend uses angularjs as a templating/mvc framework, and bootstrap as css-framework because it allows to build decent-looking UI with minimum effort. Both frameworks are considered industry standards in their domains.