# Ver 0.2 3.2.2022 Ville Viertola, Pyry Hartman, Bram Gussekloo, Hanna Waajakoski

# Software requirements specification

## Problem

The problem that we are trying to fix is that a cinema should have a way for customers to book their seats online. If a cinema does not have a system like this people cannot buy tickets online and this will reduce sales. We are trying to create a system that would create more sales for the cinema with less work for the workers.

## Who are we developing it for?

Cinema Companies, Customers, Cinema Employees

## Functional requirements

* Users must be able to book a ticket to a specific movie.
* Users must be able to create an account.
* Users must be able to book seats.
* Users must be able to book a ticket to the theater of their choice.
* Users must be able to check in at the cinema.
* Users could be able to book snacks online.
* Users should be able to see a trailer of the movies.
* Employees must be able to see reserved tickets.
* Employees must be able to book tickets for guests at the counter.
* Employees could be able to see snack orders.
* Employees could be able to track the total tickets sold.
* Employees should be able to create a timetable for what movie is showing when.

## Non-functional requirements

### Performance

* Query times should be under 10 seconds.

### Software requirements

* Microsoft SQL server
* Ms Azure

### (Imaginary hardware requirements, but not for our azure)

* 2x AMD EPYC 7742, 2 Tb ram, 10 Pb Samsung 980 Pro, 10 Rtx 3090ti, 10 Corsair HX1000

### Security

* Firewall
* Password
* Username

# Best memes





