CineHub

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# Software Requirement Specification

## Introduction

### Aim of the document

The following document is intended to illustrate the operation of the CineHub software, detailing the capabilities of the system.

### Overview of the defined system

The CineHub system allows you to fully manage a chain of cinemas, giving system users (administrators, machinists, projectionists and guests) the possibility to perform multiple functions, including: purchase of a ticket, management of work shifts, display of shifts, and much more ...

### Operational settings

La versione desktop di CineHub è stata testata su 3 diversi dispositivi:

Windows 10 Pro

Windows 10 Home

MacOs

La versione web di CineHub è stata testata su:

Google Chrome

Edge

Mozilla Firefox

Internet Explorer 10+

Safari

Opera

Sia la versione desktop che la versione web richiedono la Java 11 JRE installata sul proprio dispositivo per un funzionamento corretto.

Required:

- S.O.: Windows 7 or greater, macOS 10.4 or greater, Android 2.3, iOS 6 or greater,any Linux distribution

- Internet connection

- 2GB of ram;

-Java 11 JRE

### Related system (at laeast 2)), Pros and cons

Our system is very original, as it allows you to combine a management system used for managing employee shifts, with a system for purchasing different tickets in different cinemas. All in one app.

## Use stories

### Palmieri Ivan

As user, I want to buy a ticket online, so I can see the movie.

As a user, I want to be able to choose (additional options\*) for the reserved seat, so that I can feel at ease

As a user, I want to cancel my booking, in order to get a refund in case of unexpected events

\* additional option = {seat heated; folding chair; skip the line}

### Massimo Mazzetti

As an unlogged user, I want to see the cinema projection, so that I can choose whether to go to the cinema to watch a movie.

As an administrator, I want to define work shifts, so that I can manage the employees.

As an administrator, I want to see a report on the employee status of the show, so that I can assert the right amount of usher and projectionist for the show.

## Funcitonal Requirement

### Palmieri Ivan

The system shall provide you to a search for movie.

The system shall provide you to choose your seat in the cinema hall.

The system shall provide a login service with firebase

### Massimo Mazzetti

The system shall provide the availability of seats in the cinema hall.

The system shall keep track of employee shifts.

The system shall provide general report every 15 of the month.