CineHub

Palmieri Ivan (0259244)

Massimo Mazzetti (02533467)

Fabio Buracchi (0253822)

##### 

##### TTBMP

Sommario

[1 Introduction 2](#_Toc75733262)

[1.1 Aim of the document 2](#_Toc75733263)

[1.2 Overview of the defined system 2](#_Toc75733264)

[1.3 Operational settings 2](#_Toc75733265)

[1.3.1 La versione desktop di CineHub è stata testata su: 2](#_Toc75733266)

[1.3.2 La versione web di CineHub è stata testata su: 2](#_Toc75733267)

[1.3.3 Sono richieste le seguenti caratteristiche: 2](#_Toc75733268)

[1.4 Related systems 3](#_Toc75733269)

[2 User Stories 4](#_Toc75733270)

[2.1 Palmieri Ivan 4](#_Toc75733271)

[2.2 Massimo Mazzetti 4](#_Toc75733272)

[3 Functional Requirements 4](#_Toc75733273)

[3.1 Palmieri Ivan 4](#_Toc75733274)

[3.2 Massimo Mazzetti 5](#_Toc75733275)

[4 Use Case: Overview Diagram 6](#_Toc75733276)

# 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:

* 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

### Sono richieste le seguenti caratteristiche:

* 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.

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

## Related systems

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.

# User 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.

# Functional Requirements

## 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.

# Use Case: Overview Diagram