

**Computer Science**

**CCS6211: Front-end Application Development**

**Autumn 2022**

**Complete Website using HTML5, CSS3, JavaScript**

**Submission Deadline: 27/01/2023**

|  |
| --- |
| **Student Name and Registration Number** |
| Grigoris Papapostolou  WMY21034 |

**Declaration**: *I have completed and submitted this work by myself without assistance from or communication with another person either external or fellow student. I understand that not working on my own will be considered grounds for unfair means and will result in fail mark for this work and might invoke disciplinary actions. It is at the instructor’s discretion to conduct an oral examination, if necessary, which will result in the award of the final grade for that particular piece of work.*

Contents

[1. Introduction 2](#_Toc125730456)

[2. Implementation 2](#_Toc125730457)

[2.1 Design & Structure 2](#_Toc125730458)

[3. Conclusion 2](#_Toc125730460)

[4. Additional Work 2](#_Toc125730461)

# 

# Introduction

The purpose of the project is to design and create an online video club website for the Village cinema chain. As a developer, you are asked to create the main page with the following sections:

* upcoming movies
* categories of movies
* recommended movies

# Implementation

## Design and Structure

For the design of the page, we took ideas from well-known websites such as Netflix and prime and tried to incorporate these standards into our page.

Our page will consist of the following four main sections:

* Navigation Bar: contains links and the logo of our webpage.
* Upcoming movies: this section displays the upcoming movies which is implemented using a “carousel”, which is a slideshow for cycling through a series of content such as images, text, or custom markup.
* Categories: a container which display a video of each category
* Movies list: a container with recommended movies for the user

# 

Upcoming Movies

(carousel)

Navigation Bar

Categories

Recommended Movies

# Conclusion

A problem we faced during the implementation of the page was that the modification of it so that it would also be available for devices such as mobile phones and tablets.

We discovered that there is pattern called “**Mobile-First Design**”, in which has as the ideology that mobile design, as the hardest, should be done first. Once the mobile design questions are answered, designing for other devices will be easier.

Given that different devices need different layouts based on their screen size and orientation, it makes sense to design multiple arrangements for your users. Next time it would be wise to use the above method.

# Additional Work

A registration system for users and a page containing a description of the film and its trailer could be create.