

# **CineClick Vision Document**

**Version 1.0**

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Vision (Small Project)	Date: 14/11/2023
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## Revision History

Date	Version	Description	Author
02/11/2023	1.0	First version of vision document	Group 1
9/11/2023	1.0	Review part 1, 2, 3	Huy
11/11/2023	1.0	Review part 4 and 5	Toàn
13/11/2023	1.0	Overall review	Tường
14/11/2023	2.0	Second version of vision document	Phát

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# Vision (Small Project)

## 1. Introduction

The purpose of this document is to collect, analyze, and define high-level needs and features of the CineClick website. It focuses on the capabilities needed by the stakeholders and the target users, and why these needs exist. The details of how the CineClick website fulfills these needs are detailed in the use-case and supplementary specifications.

## 2. Positioning

### 2.1 Problem Statement

The problem of	watching TV series and movies in today's world
affects	people who want to entertain themselves
the impact of which is	people can only watch movies on illegal website, which is dangerous because these websites can be harmful and steal user's data
a successful solution would be	creating a legal movie-watching website with fresh feature so people can choose our website instead of other illegal ones

### 2.2 Product Position Statement

For	everyone
Who	Likes to watch TV series and movies.
The (product name)	Cineclick.vn
That	allows people to watch their favorite shows and movies
Unlike	the current distribution channels, Netflix.com, HBO.com
Our product	helps individuals and families experience the cinema world in their free time

## 3. Stakeholder and User Descriptions

### 3.1 Stakeholder Summary

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Name	Description	Responsibilities
Movie distributor	The party which provides films and movies	agrees to provide an enormous source of movies and TV shows for the website
Movie watcher	People who visit the website to watch movie	watch movies and TV shows based on their interests so our website must satisfy their needs
Development team	People who manage the CineClick website	ensures that the system will be maintainable, monitors the project's progress and constantly updates the website based on the insights collected from users
TA Hồ Tuấn Thanh	Person who observes the developing process	gives reviews and ideas to the group based on their reports on every PA

### 3.2 User Summary

Name	Description	Responsibilities	Stakeholder
Movie watcher	Create an account Select movie to watch Rate the movies or comment, like	Provide data to the website (data can be their contact info, their preference on movies and watching experience)	Self-presented
Admin	Manage movie on website Update everyday	Collect user's feedback and manage the website Manage the website's content Fix the problem based on feedback	Development team

### 3.3 User Environment

The user of this website can be anyone of any age who can access the Internet and share the same love for watching movies. Children who are not old enough to have a bank account or a credit card can also share the same account with their parents.

Our group intends that the initial release of the website will be operable on every browser and smartphone. People from around the globe will be able to watch movie from our website.

### 3.4 Alternatives and Competition

Our group is aware that there are a lot of alternatives and competitions in today's movie streaming industry. So in order to become the top choice for movie lovers, our website will bring out something new into the competition.

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Competitor	Advantage	Weakness
Illegal websites	Easy to access Vast content library	Weak security Lots of pop-up ad Can be harmful to devices
Netflix Amazon prime video etc..	Vast content library User-friendly interface Ad-free Exclusive content	Regional restriction Increasing cost

#### 4. Product Features

No.	Feature	Description	Priority
01	Logon	Users can provide their own ID and password to access the website. Others, who do not have one, can either register an account or link to their mail or Facebook. (payment is a must).	High
02	Upgrade to premium account	Users are able to upgrade their account to access more tempting movies or better experience.	Low
03	Premium cancellation	Cancelling the premium and back to a basic account.	Low
04	Searching Engine	Website allows users to search by name, relevance, ID or even clicking.	Medium
05	Recommendation Engine	Website uses some integrated tools to suggest a favorable movies or movies that has the same type of recent watched ones.	Medium
06	Trailer System	Provide a short detail about a movie.	Medium
07	Download blocking	Block any kind of downloading.	High
08	Health care System	Notify users about the suggested watching film (e.g. 180 mins).	Low
09	Random-select movie Engine	Randomly pick a movie.	Low
10	Report Systems	Users can rate, comment or like a movie.	High
11	Password recovery	Users can reset their password by verifying their information, just in case.	High
12	Account Management	Admins are allowed to ban, unban, publish or modify film.	High

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13	Film Modifying	Users can speed up, watch subtitles or move/back to latter/former movie.	High
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## 5. Non-Functional Requirements

<i>No.</i>	<i>Non-Functional</i>	<i>Description</i>
01	Performance Requirements	<ul style="list-style-type: none"> <li>- Response Time: must response quickly to user requests, with low latency for streaming and navigation.</li> <li>- Throughput: support a certain number of concurrent users.</li> <li>- Scalability: be able to handle an increasing user base and content library.</li> <li>- Load balancing: distribute user traffic efficiently across multiple servers or data centers.</li> <li>- Caching: reduce server load and improve content delivery.</li> </ul>
02	Reliability and Robustness	<ul style="list-style-type: none"> <li>- Uptime: roughly 100% availability.</li> <li>- Redundancy: in critical components to ensure high availability and fault tolerance.</li> <li>- Error handling: provide informative error messages are gracefully handle unexpected problems.</li> <li>- Security: robust security measures to protect user data and content.</li> </ul>
03	Compatibility and Standards	<ul style="list-style-type: none"> <li>- Cross-Browser Compatibility: ensure the website functions correctly on popular web browsers (e.g. Chrome, Safari, Edge)</li> </ul>
04	Data Storage and Management	<ul style="list-style-type: none"> <li>- Data backup and recovery: regularly back up user preferences, viewing history, and other data, and have a plan for data recovery.</li> <li>- Data Retention.</li> </ul>
05	Usability and Accessibility	<ul style="list-style-type: none"> <li>- User-Friendly Interface.</li> <li>- Accessibility Standards.</li> </ul>
06	Environmental Considerations	<ul style="list-style-type: none"> <li>- Energy Efficiency: Optimize server for energy efficiency.</li> </ul>
07	Monitoring and Analytics	<ul style="list-style-type: none"> <li>- Logging and Monitoring.</li> <li>- Analytics: improve content recommendations and overall UX.</li> </ul>