
<Company Name>

CineClick Vision Document

Version <1.0>

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| <Project Name > | Version: <2.0> |
| 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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|------------------------|--------------------|
| <Project Name> | Version: <2.0> |
| Vision (Small Project) | Date: <14/11/2023> |
| <document identifier> | |

Table of Contents

| | | |
|-----|--|-------------------------------------|
| 1. | Introduction | 4 |
| 1.1 | References | Error! Bookmark not defined. |
| 2. | Positioning | 4 |
| 2.1 | Problem Statement | 4 |
| 2.2 | Product Position Statement | 4 |
| 3. | Stakeholder and User Descriptions | 4 |
| 3.1 | Stakeholder Summary | 4 |
| 3.2 | User Summary | 5 |
| 3.3 | User Environment | 5 |
| 3.4 | Summary of Key Stakeholder or User Needs | Error! Bookmark not defined. |
| 3.5 | Alternatives and Competition | 5 |
| 4. | Product Overview | Error! Bookmark not defined. |
| 4.1 | Product Perspective | Error! Bookmark not defined. |
| 4.2 | Assumptions and Dependencies | Error! Bookmark not defined. |
| 5. | Product Features | 6 |
| 6. | Other Product Requirements | 7 |

| | |
|------------------------|--------------------|
| <Project Name> | Version: <2.0> |
| Vision (Small Project) | Date: <14/11/2023> |
| <document identifier> | |

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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|------------------------|--------------------|
| <Project Name> | Version: <2.0> |
| Vision (Small Project) | Date: <14/11/2023> |
| <document identifier> | |

| 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.

| | |
|------------------------|--------------------|
| <Project Name> | Version: <2.0> |
| Vision (Small Project) | Date: <14/11/2023> |
| <document identifier> | |

| 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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|------------------------|--------------------|
| <Project Name> | Version: <2.0> |
| Vision (Small Project) | Date: <14/11/2023> |
| <document identifier> | |

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|----|----------------|--|------|
| 13 | Film Modifying | Users can speed up, watch subtitles or move/back to latter/former movie. | High |
|----|----------------|--|------|

5. Non-Functional Requirements

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