
Group 03

**Movie Reviews and Ratings
Vision Document**

Version <1.2>

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Vision Document	Date: 27/11/2021
None	

Revision History

Date	Version	Description	Author
25/10/2021	1.0	Complete Non-Functional requirements	Hoang Huu Giap
25/10/2021	1.0	Complete Product Features	Ngo Truong Tuyen
28/10/2021	1.0	Complete Introduction	Nguyen Phan Vu
24/10/2021	1.0	Complete Positioning	Bui Huynh Trung Nam
04/11/2021	1.1	Update Product Features	Ngo Truong Tuyen
10/11/2021	1.1	Update Non-Functional requirements	Hoang Huu Giap
13/11/2021	1.1	Update Introduction, stakeholder summary	Bui Huynh Trung Nam
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27/11/2021	1.2	Update references	Hoang Huu Giap

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Vision (Small Project)

1. Introduction

1.1 Purpose

Today, the film industry is developing like a hurricane. Since then, movie review sites have sprung up like mushrooms. However, most of them are foreign sites, so the team came up with the idea of a movie review site that is friendly, easy to use, and above all, purely Vietnamese. Site overview includes:

1. **Register** account information is saved to our database.
2. **Log in , change password , forget password** through that **database**, of course, with absolute confidentiality of customer information.
3. Since movies are clearly **classified**, the **search bar** integrates **many filters**, helping to optimize the user experience is indispensable.
4. The homepage has a **Menu** of featured movies, movies added by users to **favorites list**, **search history**.
5. Movie data such as images, reviews, trailers, scores are collected from reputable foreign websites (possibly through **API**).
6. Besides, users can also rate the movie after experiencing it in theaters which contributes a small part to the movie's rating.
7. In addition, users can comment on review page to develop community

.....

It's fascinating, isn't it?

For more detailed information, please read this document carefully.

This brochure will clarify why this product was born, the features we prioritized development, and the audience we target.

If you are a user and are looking forward to it, we would appreciate it if you have any suggestions to improve this product.

In addition, it will delve into the team's intentions, such as deploying updated versions, maintenance issues, operating mechanisms, and web terms, to make it easier for you to use it.

1.2 References

- <https://www.imdb.com/>
- <https://www.rottentomatoes.com/>
- <https://www.metacritic.com/>
- <https://www.rogerebert.com/>
- <https://www.indiewire.com/>
- <https://moveek.com/danh-gia-phim/>
- <https://ghienreview.com/review-phim/>

(Update in working process)

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2. Positioning

2.1 Problem Statement

The problem of	Find suitable movie
affects	People who want watch movie, movie studio
the impact of which is	People who want to watch a movie/ film to relax but take tons of time to find a suitable movie → Not only not relaxing but also stressful. In addition, the demand of each movie has already decrease → low-income of movie producer
a successful solution would be	Help movie lovers find a movie to watch easier without spending much time, and increase satisfaction. Enhance views of movie of move studios

2.2 Product Position Statement

For	Movie lover, movie studio
Who	Find and provide movies/films
The (product name)	Movie reviews and ratings
That	<p>Reduce the hundred times it takes to find a film, have an overview about the film that we will watch, classify the film and watch it later.</p> <ul style="list-style-type: none"> • Children: find easily movie about academic, educational, research, cartoon movies • Teenager: follow top hot movie ranking, update hot film • Adult: update information through basic/fundamental movie, relax with favorite categories movie after hard working days • People who like specific type of movie: can classify movie in many type and watch as passion
Unlike	The existing applications: Film Review, Cuồng phim Review, quickly review etc.
Our product	<p>Other competitors are too general and do not give us overview content. Moreover, it does not allow users to interact with others by comment, reaction,...</p> <p>But in our project, all the problems above will be solved. Beside it, we have a clear UI which can be used easily for all people. In addition, our web also has more features than others such as: watch content, authentic overview, ratings, label favorite film, comment, search, reaction, share, using account (login, logout) for personal privacy,...</p>

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3. Stakeholder and User Descriptions

3.1 Stakeholder Summary

Name	Description	Responsibilities
IT team	All members	<ul style="list-style-type: none"> • Monitors the project progress • Ensures the program operation • Contributes project funding • Ensures the completion of this project
Experimenter	Friends of IT team Acquaintance	Gives experience and accurate feedback about the app, helps the IT team to improve features.
Supervisor	Lecturers	Supports IT team for a successful of the project

3.2 User Summary

Name	Description	Responsibilities	Stakeholder
Admin	Operates and manages the app	<ul style="list-style-type: none"> • Manage comment, rating, films • Authorize censor • View user profiles • Manage the resource • Resolve complaints 	IT team
User	Customers who search for theirs demanding films, want to see the review of films or rate movie after watched	<ul style="list-style-type: none"> • Rate movie • Comments • Reply comments 	Self-represented

3.3 User Environment

- This project is suppose to build an app and website for all people at any age (depends on the required age of the film)
- Users can access through computers, mobile phones, tablets,... (which are connected to the internet) by access to our website or android app.
- System platform: Android, Web
- Future platform: IOS (The IOS will release in the future if the project is successful and tend to be expandable)
- The initial release of our project will be at localhost server because of the slack of project funding.

3.4 Alternatives and Competition

Today, there are several websites and apps which have the same goal with our project (review and rating films) that we can mention: Rottentomatoes.com, IMDb.com,... After doing some research, our team realized that the

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biggest limitation of their app is that the support for Vietnamese users is not really good. Besides that, the human perception of Vietnamese people to film is quite different from foreigners. In that case, we decided to build an app that is suitable for our people, rating and reviewing films through perception and feeling of the customers.

4. Product Features

No.	Feature	Description	Priority
1	Register	Users can register an account when they come to our website for the first time.	High
2	Login/Logout	Users can login by Google account or register an account on our website.	High
3	Change password	Users can change their password if they want.	Medium
4	Forgot password	Users can reset their password if they forgot.	Medium
5	Edit user's profile	User can edit their profile such as avatar, user name, first name, last name, age, sex,	Low
6	View movie ranking	Users can view a list of movies which is sorted by descending order of rating criteria.	Medium
7	Search movie's name	Users can search the desired movie's name to see its review article.	High
8	Classify movie review	All movies will be classified by category or nation or rating.	High
9	Comment on review	Users can write the comment at the end of each review article.	Medium
10	Rate movie	Users can rate the movie on a scale of 1 to 5 stars.	High
11	Add a movie to Favorites list, remove a movie from Favorites list	Our website allows users with an account to save a video to their Favorites list so that they can find it again later. And of course, they can also remove them.	Medium
12	View history activity	All activity of users will be saved, such as see, comment, rate the review article, search the movie, etc.	Medium
13	Report to admin	Users can report to the admin when the review article or comment contains hate speech, violent and graphic content, etc.	Low
14	Upload review and trailer	Admin can only upload the review and trailer.	High
15	Edit review description	Admin can only edit review description after it was uploaded.	Medium
16	Remove an account by Admin	Admin can access an user account to see or remove it.	High
17	Remove the comment by Admin	Admin can remove the comment if it violates the policy.	Medium

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5. Non-Functional Requirements

- There are some required that all users need to follow in order to use our website:
 - Users should use their PC, laptop (Windows or Mac or Linux...) or Ipad to get access to the website. Because, we will release our product as soon as possible, we will do the web responsive later. If users use their phone to connect to our website. it's ok but the layout of the web will be chaotic.
 - We will do web responsive in version 2.
 - In any circumstances, users must login to comment on our website. Because our group doesn't want users to spam. That will make others have a bad experience.
- Although users must login to leave their comment, they don't need to use any social accounts (Facebook, Instagram...) to log in. That will make users feel more private.
- Our website must be easy to use, stable, friendly with users and all the colour of the website should be in harmony.
- The processing speed (to load film review, comment function...) must be fast and accurate. Such as, when users get access to our website, the web will be loaded after 5 - 10 second.
- Our website should have the ability to deal with 1 to 2 thousand users getting access at the same time, and all functions of the website should be accurate all the time.
- About security, our website doesn't connect to any users' bank accounts, social accounts or any accounts. They can create a new account with a phone number or gmail. So that when our website has any problem, users will not worry much about their information being leaked.
- After 3 months or after some problem happens to the website, all users need to change the password that is different from the previous password.
- If a user forgets their password, they can create a new password with their Gmail.
- Probability of the website crashing when a user logs in is 1/100000.
- The developer team will do their best to make every function and the whole website work accurately, stably, reliably, and securely and easily to maintenance.
- Our team will update the web regularly, because film is updated everyday.
- During web building, the developer team should make the website easy to add a new function in the future.
- Users can get access to our movie review website every time they want. Except maintenance (we will notify all users about maintenance time before 24 hours).
- If the number of users increases, our website will be updated also.
- When using our website, if there is any problem (bug, image license...). Users can send a message to the admin in order to fix it as soon as possible.