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**Web Application Development Document 1**

1. **Introduction**

Nowadays, movie and TV series are essential and irreplaceable parts of the people’s everyday entertainment. With the rapid development of the entertainment industry, there are various ways of watching movie and TV series. One of the fastest developing method is video streaming with plenty of services such as Netflix, Amazon Prime, phimmoi and so on. But the problem is that some charge a very high subscription fee, some don’t but are embedded with annoying ads. With this in mind we have decided to developed our own movie streaming services which is free, fast and convenient for users.

1. **Scope and objectives**
2. **Scope**

The website proposes the watching entertainment content system using backend of Java and JSP, frontend of HTML and CSS. Moreover, the system also includes the analysis and design of watching entertainment content processes based on its requirement.

1. **Objectives**

* Fast streaming speed: One of the most important aspect of a movie streaming services is its streaming speed. Thus, we aim to deliver a website with an adequate speed for most users.
* A beautiful and responsive UI: A website makes the best impression if it is a beautiful website and can scale the size of dimension of website based on the device user interacts
* An appropriate database design: website can handle substantial amount of user, their comments and their requests
* Ease of choosing movies: user easily choose their favorite movies
* Watching movies without interruption: user opts for resolution of movie they are watching based on their bandwidth
* Meet the demand from any types of user: if they are intensive user who demand updated and high-resolution movie, they are required to buy the premium account. Otherwise, website provides free account for the other

1. **Assumption and functionalities**
2. **Assumption**

In order to employ the website successfully, it will need sufficient relevant requirements and movie data. Therefore, the data essential for the website is provided by other watching movie websites, particularly by the websites having the trendy movies with Vietnamese subtitles

1. **Functionalities**

The website will have various basic functionalities which every basic streaming website have. The basic functions for the regular user will be view movie lists, view movie details, view movie category, choose category, search movies, register, login/logout, edit profile, view movie, rate movie, post comment, share on social, add/remove favorites, view favorites. The functions for the admin will be add, remove movie, edit movie detail, add/remove account, add/remove category.