# STREAMERZZ: AN OTT PLATFORM

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*Abstract: In this generation the influence of technology upon people has become immense. They are more driven towards using different applications for their leisure activities and to relieve the stress. Streamerzz is basically a web based application. It is an application which allows students and adults to watch movies and series conveniently. It provides content of different genres and languages. It helps people to use their free time watching what they really like. People can watch anytime and anywhere with just an internet connection. It is a very helpful application which provides new and effective watching material to the public. They can take advantage of the application at any specific time and anywhere. By the help of this application they can search their query and get satisfied results in a jiffy. Using Html5, CSS3, Bootstrap4 as frontend and PHP and Laravel as backend along with MySql for Database Management in this project every effort is made to use new technology. It is a web based application that provides a better user interface and experience of the entertainment environment. PHP is a very popular programming language which is used to develop mobile apps, web apps, desktop apps, and much more. Due to these exciting features of PHP we used it as our backend language. MySql is an open source relational database management system which was very useful for my project. This project is made to make entertainment accessible to all with all the personalized needs catered of all the users. This website is a one-stop solution for all the binge watchers.*

## 1. INTRODUCTION

Streamerzz is basically a web based application. It is an application which allows people to watch series and movies anytime anywhere. In this generation, the influence of technology is immense. In the Covid Era everybody wants to unwind with a good movie or an interesting series. Streamerzz provides various movies and series of different genres and languages. It helps the people to watch them easily as all the content is present on a single platform. It provides great and effective content for children and adults alike. People can take advantage of the application at any time and anywhere as it compatible for android and iOs laptops and phones. By the help of this application people can watch and search their favorite movies and series wherever a good internet connection is available. Those people who are interested in using this application can register their details and get their Login Id and Password. The most interesting feature in this OTT Platform is that it is easy to use and has an easy user interface and has complete user privacy. Hence it is a user friendly
platform. I have basically used Html5, CSS3, Javascript and BootStrap4 as frontend and PHP, Laravel as backend.I have also used MySql for the database management which manages and stores the related information.

### 1.1 System Analysis

System analysis is a process of gathering and interpreting facts, diagnosing problems and the Information to recommend improvements on the system. It is a problem solving activity that requires intensive communication between the system users and system developers. System analysis or study is an important phase of any system development process. The system is studied to the minutest details and analysed. The system analyst plays the role of the interrogator and dwells deep into the working of the present system. The system is viewed as a whole and the various processes. System anaiysis is concerned with becoming aware of the problem , identifying the relevant and decisional variables, analyzing and synthesizing the various factors and determining an optimal or at least a satisfactory solution or program of action. A detailed study of the process must be made by various techniques like interviews, questionnaires etc. The data collected by these sourse must be scrutinized to arrive to a conclustion. The conclusion is an understanding of how the system functions. This system is called the existing system. Now the existing system is subjected to close study and problem solver and tries to sort out the difficulties that the enterprises faces. The solutions are given as proposals. The proposal is then weighted with the existing system analytically and the best one is selected. The proposal is presented to the user for an endorsement by the user . The proposal is presented to the user for an endorsement by the user. The proposal is reviewed on user request and suitable changes are made. This is loop that ends as soon as the user is satisfied with proposal. Preliminary study is the process of gathering and interpreting facts, using the information for further studies on the system. Preliminary study is problem solving activity that requires intensive communication between the system users and system developers. It does requires intensive communication between the system users and system developers. It does various feasibility studies. In these studies a rough figure of the system activities can be obtained, from which the decision about the strategies to be followed for effective system study and analysis can be taken.

1.2        Software Requirement Specification

It is a reference document or contract between the customer and the development team. Once the customer agrees to the SRS document the development team proceeds to develop the product conforming to all the requirements mentioned in the SRS documents.

An SRS document should clearly document the following:
- Functional requirements of the system.
- Non-functional requirements of the system.
- Constraints on the system.

Functional requriements of the system: Each function of the system can be considered as performing a transformation of a set of input data to the corresponding set of output Data. The functional requirements of the system should clearly describe each of the functional that the system needs to perform along with the corresponding input and Output data set. Non-functional requirements of the system: Non-functional requirements deal with the characteristics of the system that cannot be expressed functionally, e.g, ., maintainability, portability, Usability, etc. The non-functional also include reliability issues, accuracy of results, human computer interface issues, operating and Physical constraints, etc. Constraints on the system : The constraints on the user of the system may describe certain things that the system should or should not do. The three most significant project constraints – schedule, cost scope -- are sometimes known as the triple constraint or the project management triangle. A project's scope involves the specific goals, deliverables and tasks that define the boundaries of the project. The schedule (sometimes stated more broadly as time ) specifies the timeline according to which those components will be delivered, including the final deadline for completion. Cost (sometimes stated more broadly as resources) involves the finanancial limitation of resources input to the project and also the overall limit for the total amount that can be spent.
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