Online Movies Streaming and Download Application

Purpose

The purpose of this application will be to store movies in a local server and stream it through a local protocol. So that the clients of a particular internet service provider can watch and download movies locally from that server. By doing this clients will experience a high seed internet facility. And the internet service provider will save a lot of bandwidth.

Benefits of the service provider

* Movies are large in file size. By having a local download server means users will download from local server. That will result in a huge savings of internet.
* By putting advertisement in sites frontend, service providers can earn extra money.
* Having a central system will mean admin can manage multiple FTP from a single administration panel.
* The system will help organize the movies by category and genre.
* The system will log all user activity in real time. So admin can provide better support.

Benefits of users

* Users can download and watch online movies in high speed.
* Users can request or contribute for movies.
* Fast and user friendly layouts will give the users comfort in refreshment time.

Functional Requirement Specifics

1. Frontend / The website
   1. Must have an interactive, clean, fast and user friendly design.
   2. Must have a custom designed HTML5 video player
   3. Must have understandable browsing system through category and genre.
   4. Must have search option with filtering option for category, genre, release year, country etc.
   5. Must have sorting system in search and browsing
   6. Must have slider with movies that was marked ad featured by admin.
   7. Must have a trending view system.
   8. Users must be able to mark movies as favorite
   9. Users must be able to report for any errors
   10. Users must be able to request for movies
   11. Users must be able to chat with websites support team in real time
2. Backend / Administration Panel
   1. Must have simple and user friendly layouts.
   2. Must show the logs for visitors and movie trends
   3. Must have an understandable user management systems.
   4. Must have an FTP server manager from where admin can add/edit/remove FTP server credentials (host, username, passwords) and assign to particular categories
   5. Must have a content management system according to contents described in frontend.
   6. Movies must be converted if necessary to stream online by FFMPEG technology before storing.
   7. Movies must be pushed to assigned FTP server after upload automatically.
   8. Must have user activity log in real time.
   9. Must have ticket based support system for users.
   10. Must be able to chat with users real time
   11. Must have a control panel for advertisement placement.

Proposing timeline for development

The first mockup should be completed within two month. 1 month for testing and feature adding and finally 1 month for debugging. The entire project should be up and running in total 4 months.

Remark

The system should be developed using PHP and MySQL. Client site programming has to be done by JavaScript. It is advisable to use neon admin theme for administration panel. Bootstrap CSS framework and Font Awesome CSS icon has to be used in frontend design. jQuery JavaScript library has to be used for JavaScript. Developer will have the freedom to use Codeigniter or Laravel as PHP framework. The system has to tested in both Apache and Nginx server in Linux environment.