

Here is my approach for development of WEDFLIX.

1. Streaming

As it is a video streaming platform main challenge is to stream video with a good bandwidth and can serve multiple users at the same time. We can store in the same server but it is not possible in case of shared sever as it comes with a limited speed and storing large file is not optimum way.

According to us we have two options that are

a) stream using 3rd party streaming services (Vimeo.com)

we can use vimeo to stream our video. We can pload video and make that video as embaded one

so that it can be opened only in our website not in anyother website even if they copy link and share it

will not work.

It also gives the option to stream our video in different resolution or stream depending on the

Network speed. Replace their logo with ours.

It works fine in website (as you don’t download or offline the video for feature) but when it

Comes to Android app or Ios app we may not be able to download or offline the video. As an alternative

We can provide the download link but it too come with its own privacy risk.

1. Upload video to cloud storage and stream

We can also upload the files to online storage and fetch from there but it comes with its own price tag and challenges to develop.

1. Use encrypted streaming (3rd streaming services)

You can use Encrypted streaming which is currently offered by vdocipher. Which is secure as its encrypted, not downloadable and you can do offline only for app not for website.

2) Privacy

Privacy is one of the main concern as many of them don’t want their wedding films to be watched by others.

In case of streaming there are higher chances of films been stolen.

1. Vimeo Privacy

If your streaming via vimeo than it has pretty good security but even than can download the video.

1. Steaming using cloud storage

While we Stream from the online storage they might be able to download the video.

So we should keep the encrypted file in the storage and should

1. Use encrypted streaming (3rd streaming services)

An user will not be able to download the video as it will be encrypted and in android he can play the video only within the app. It will prevent privacy of customer

3) Render or offline mode (can be implemented only in apps)

In online steaming or from cloud storage it is not possible to do offline mode because the user will have access to the video in his file viewer.

In encrypted streaming the video will be in encrypted format so it is not able to decrypt by the user.

4) Account and Sharing

As some couple don’t want to show broadcast their wedding film we should maintain an account for each couple so that only when they login then they can watch their wedding films.

We can also make a provision to add family and friends to their account and they too can enjoy the film

Conclusion:-

I recommend to use Vdocipher for streaming as it fulfil all the requirements for the Wedflix.

You can also use cloud streaming or 3rd party streaming in negotiation with offline download and piracy.

Vdocipher:- https://youtu.be/TQ5g624HQBk

Thank you,

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