FINAL YEAR PROJECT

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**TITLE:**

Online CinepaX

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**COMMENTS**

**Table of Contents:**

1. INTRODUCTION
   1. OVERVIEW………………………………..……………………………..3
   2. PROBLEM STATEMENT………………………………………………..3
   3. PROPOSED SOLUTION………………...……………………………….4
   4. FEATURES……………………………………………………………….4
2. METHODOLOGY
   1. DESIGN ………………………………….……......................................4
   2. IMPLEMENTATION …………………………….…………………….5
   3. PyCK and SL4A Android for Python........................................................5
   4. EVALUATION…………..………………………………………………5
3. REQUIRED HARDWARE AND SOFTWARE
   1. HARDWARE…………………………………………………………….5
   2. SOFTWARE…………..…………………………………………………5
4. CONCLUSION……………………………………………………………………....6

**FINAL YEAR PROJECT IDEA**

**1. INTRODUCTION**

**1.1 Overview**

Online CinepaX is an application that offers up a way to make sure every member of your group is watching the same video clip at the same time, no matter where they’re located in the world.

What makes Online CinepaX different from YouTube is the group format, which is selecting the movie and uploads it on the server; Online CinepaX should be inviting people to view it with you. The creator of group can also control access levels to the group, making the video inaccessible to anyone who wasn’t invited. Each friend who enters the room will be listed by name underneath the video, and you can talk to each other while the clip is playing by using the chat room feature on the right hand side of the page. Once everyone has signed in and joined your room, you can push play to allow everyone to watch the video at once. Across from each user’s name is a progress bar showing where they’re at in the video, as well as whether they’ve paused or stopped the clip.

The creator or leader of each group has ultimate control over the video that’s being played, which allows this person to drag all other viewers’ players to a particular spot in the clip that’s being shown if they so choose. If you enjoy the group aspect of watching movies together with friends, then Online CinepaX an application that can help bring that back to the seemingly solo act of watching videos online.

**1.2 Problem Statement**

* All friends have to plan a visit of cinema if they want to watch a movie together.

Using Online CinepaX you don’t have to visit a cinema to watch a movie with your friends.

* You have to purchase a ticket to watch a movie.

Online CinepaX is free of cost cinema.

* Some of your friend/s cannot join you physical at a particular and miss all the fun you had or plan to have.

Now your friend/s cannot miss fun by being there virtually. Nor you have to replan visit to cinema for movie.

* Being virtually there for movie you cannot communicate with your friends like when you are physically together.

Chat feature solve this problem.

**1.3 Proposed Solution**

Our aim is to create virtual environment for friends for movie watching which is similar to there physical environment. Where they can have small chit chat while movie playing. An uninterrupted environment or virtual session where only friends can enjoy movie with each other after being invited and getting authenticated. Plus point to our solution is that while watching movie in physical environment you always receives some virtual interruptions like if your friend in front of you moved you get interrupted. But this problem is solved with virtual session each and every friend can enjoy full screen movie on their devices.

**1.4 Features**

Our application will have following features:

1. Movie uploading
2. Movie editing.
3. Movie searching.
4. Movie sharing.
5. Virtual room creation.
6. Online movie watching.
7. Security /privacy.
8. Two step verification.

**2. Methodology**

**2.1 Design**

1. Website will be deployed on server for local and global access facility provided by server.
2. This website can be access on any laptop or PC through client (browser).
3. As website can be accessed on android phones through application.

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**2.2 Implementation**

Mobile Website application’s website will be on server containing all the features. In presence of any internet connection website will be accessible on pc through any browser, on android cell phone through application.

**2.3 PyCK and SL4A Android for Python**

* PyCK frame work will be used to give database support and to avoid reinventing of wheel for website. Also provide us systematic web development structure.
* SL4A is Library for Android phone which provides python support and all libraries for application development supported by python language.

**2.4 Evaluation**

We will evaluate our mobile web application by executing it on laptop/PC and android phone. The respective Client (mobile phone/ pc) will connect to website via Wi-Fi/internet connection and will launch the web application on client. After the execution of application it will show all features on our Android Phone.  
Our web application will be evaluated by performing different tasks on it by PC/Laptop and android Phone.

**3. Required Hardware and Software**

**3.1 Hardware**

To develop this project we will use

* Laptop with processor Intel(R) Core(TM) i3-2310M CPU @ 2.10 GHz having RAM 3.00GB.
* Computer with processor Intel® Pentium ® 4 CPU 3.20 GHz having RAM 3GB.

**3.2 Software**

* XAMPP server.
* Linux Mint 12 or 13.
* Komodo Edit and Kate editor of Linux.
* SL4A for Python.
* PyCK Frame work.
* Android SDK (Emulator).

**4. Conclusion**

This mobile web application will provide you a platform where you and your friends will be together to enjoy movie and group conversation or chit chat without being with each other in real environment without any interruption or any other physical video disturbance. This mobile web application will provide full entertainment. Provide free of cost entertainment at your own home, on your own mobile, computer, laptops.