**REPORT**

**ChitChat - Video Chatting Website**

A website where you can connect with your friends and have one to one video chat with them.

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**Abstract**

The “front-end languages” live in the browser. Front-end web development is the act of changing over information to a graphical interface for the client to see and connect with information through computerized cooperation utilizing HTML, CSS.

Our project is **Video Chatting Website.** This website allows you to connect with your friends and let you calling your friends via videochat.

It gives users a way to access all necessary basic information in just few clicks .

**Table of Contents**

|  |  |  |
| --- | --- | --- |
| Sl.no | Title | Pg.no |
| 1. | Introduction | 4 |
| 2. | Existing methods | 5 |
| 3. | Proposed method with architecture | 6 |
| 4. | Methodology | 7 |
| 5. | Implementation | 8-10 |
| 6. | Conclusion | 11 |

**Introduction**

Video chat is an online face-to-face, visual communication performed with other Internet users by using a webcam and dedicated software.

The term stemmed from programs that evolved from text-based chats to incorporating two-way video interaction. Video chat is usually used when video-based communication is incorporated into a pre-existing service. For instance, when Facebook incorporated Skype video-based communication in 2011, it said that it was adding a video chat.

Video chat is also known as video conferencing and video calling.

**Existing methods**

There are quite a few websites that allows you to connect with anyone via a Video Chatting. But most of them are not any fully dedicated websites which provide information at the earliest. And there are even a few websites which are either spam or fake providing information which is not legit or not verified from any good sources or government.

The best video chat apps to turn social distancing into distant socializing:

1.Skype (iOS, Android, Mac, Windows, Linux, web) ...

2.FB Messenger (iOS, Android, Mac, Windows) ...

3.WhatsApp Messenger (iOS, Android, Mac, Windows, web) ...

4.Google Duo or Hangouts (iOS, Android, web) ...

5.Houseparty (iOS, Android, web)

**Proposed method with architecture**

The main aim here was to develop a web page which looks good and provides productive information in a brief and understandable way to the users.

ChitChat Website

Overview

Login

Signup

Home

Live Video Chat

**Methodology**

This project is to provide access to Video Chatting Environment.

To make this project, the basic information was collected from verified websites and then an outline of how it would look was prepared.

The website is made in a simpler and understandable way using few styles to make it look good.

**Implementation**

**HTML:**

* HTML stands for Hyper Text Mark-up Language
* The standard mark-up language for creating web pages.
* Describes the structure of Web pages using mark-up
* HTML elements are the building blocks of HTML pages
* HTML elements are represented by tags
* HTML tags label pieces of content such as "heading", "paragraph", and so on

**CSS:**

* Stands for Cascading Style Sheets
* A [style sheet language](https://en.wikipedia.org/wiki/Style_sheet_language) used for describing how HTML elements are to be displayed on screen, paper, or in other media
* There are three types namely

1. Inline CSS
2. Internal CSS
3. External CSS

* This project is implementing using external CSS, i.e. it contains a separate CSS file having the style property with the help of tag attribute with the extension .css and is then linked along with the HTML file

**JavaScript:**

* A text-based programming language used both on the client-side and server-side that allows to make web pages interactive
* Allows an application to place elements on an HTML form and respond to user events such as mouse clicks, form input, and page navigation.
* In this project internal JavaScript is used i.e., writing the code inside <script> tag.
* This tag can be placed inside the head or the body according to the requirement in the HTML file

**PHP:**

* PHP is a widely-used, open source scripting language
* PHP scripts are executed on the server
* PHP is free to download and use
* PHP can generate dynamic page content
* PHP can create, open, read, write, delete, and close files on the server
* PHP can collect form data
* PHP can send and receive cookies
* PHP can add, delete, modify data in your database
* PHP can be used to control user-access
* PHP can encrypt data

**Conclusion**

ChitChat – a multi-page responsive website is successfully implemented with the help of various links and tools.

This project will be able to provide a website which will help the users connecting people. A successful attempt to take care of the needs of the user.

In a nutshell, this internship has been an excellent experience. There have been a lot we’ve learnt during this internship and thus we express our gratitude to Exposys Data Lab for providing us an opportunity to work on this project.