

WhatsDown-A Web Based Chat Application

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Abstract

The purpose of chat application is a feature or a program on the Internet to communicate directly among Internet users who are online or who were equally using the internet. Chat applications allow users to communicate even though from a great distance. Therefore, this chat application must be real-time and multi-platform to be used by many users. This chat application in the manufacture begins with the collection of relevant data that will be displayed in the web and mobile versions. The programming language used to build server is HTML, CSS, JavaScript for framework for database PHP with MySQL.

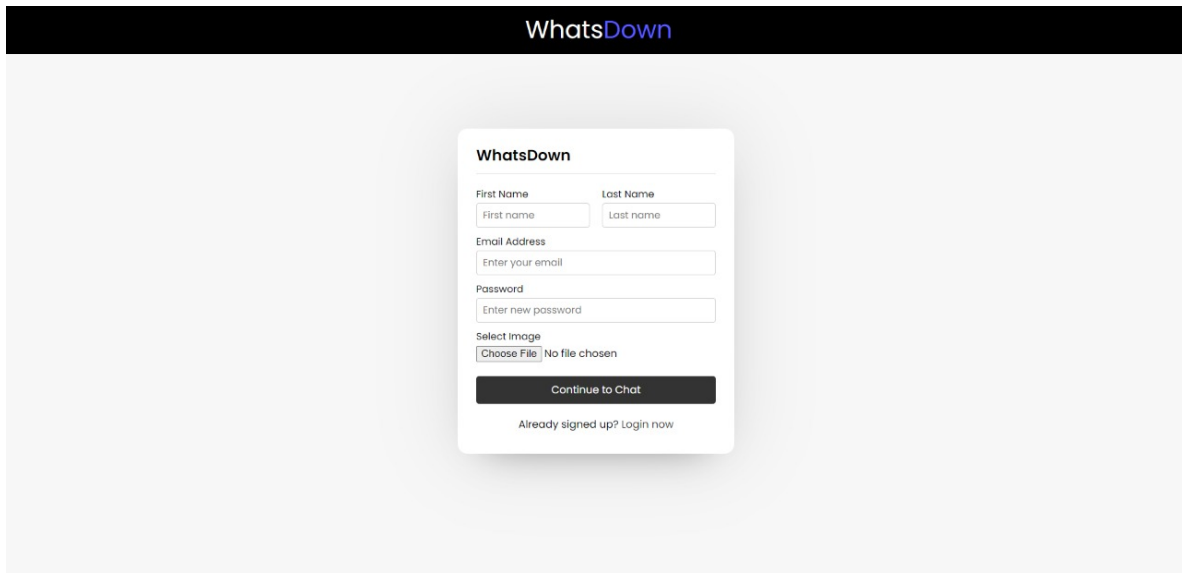
1 Introduction

Online chat refers to any kind of communication over the Internet that offers a real-time transmission of text messages from sender to receiver. Chat messages are generally short in order to enable other participants to respond quickly. Thereby, a feeling similar to a spoken conversation is created, which distinguishes chatting from other text-based online communication forms such as Internet forums and email.

With a chat app, users are able to receive the same engaging and lively interactions through custom messages, just as they would in person. This also keeps users conversing on your platform instead of looking elsewhere for a messaging solution. Whether it's a private chat, adding personalized chat in WhatsDown can help ensure that your users have a memorable experience.

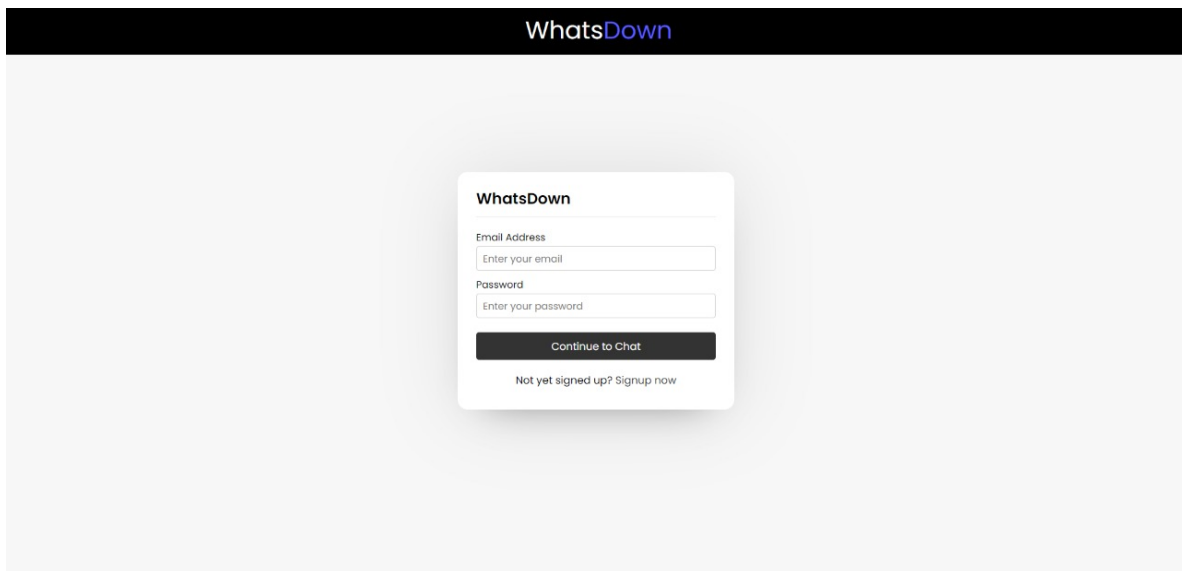
The coding is done in such a way that it can be improved and implemented with more applications in an easy way. HTML and CSS are used for front end development. MySql is used as database which is connected using PHP. PHP is used as server side scripting language.

2 Output



The screenshot shows the registration page for 'WhatsDown'. At the top is a black header with the 'WhatsDown' logo in white. The main content area is light gray and contains a white registration form with a subtle shadow. The form is titled 'WhatsDown' and includes the following fields: 'First Name' and 'Last Name' (each with a placeholder 'First name' and 'Last name' respectively), 'Email Address' (placeholder 'Enter your email'), and 'Password' (placeholder 'Enter new password'). Below these is a 'Select image' section with a 'Choose File' button and the text 'No file chosen'. A dark gray 'Continue to Chat' button is positioned below the image selection. At the bottom of the form, there is a link: 'Already signed up? Login now'.

Figure 1: Register Page



The screenshot shows the login page for 'WhatsDown'. It features a black header with the 'WhatsDown' logo. The main content area is light gray and contains a white login form with a subtle shadow. The form is titled 'WhatsDown' and includes the following fields: 'Email Address' (placeholder 'Enter your email') and 'Password' (placeholder 'Enter your password'). A dark gray 'Continue to Chat' button is located below the password field. At the bottom of the form, there is a link: 'Not yet signed up? Signup now'.

Figure 2: Login Page

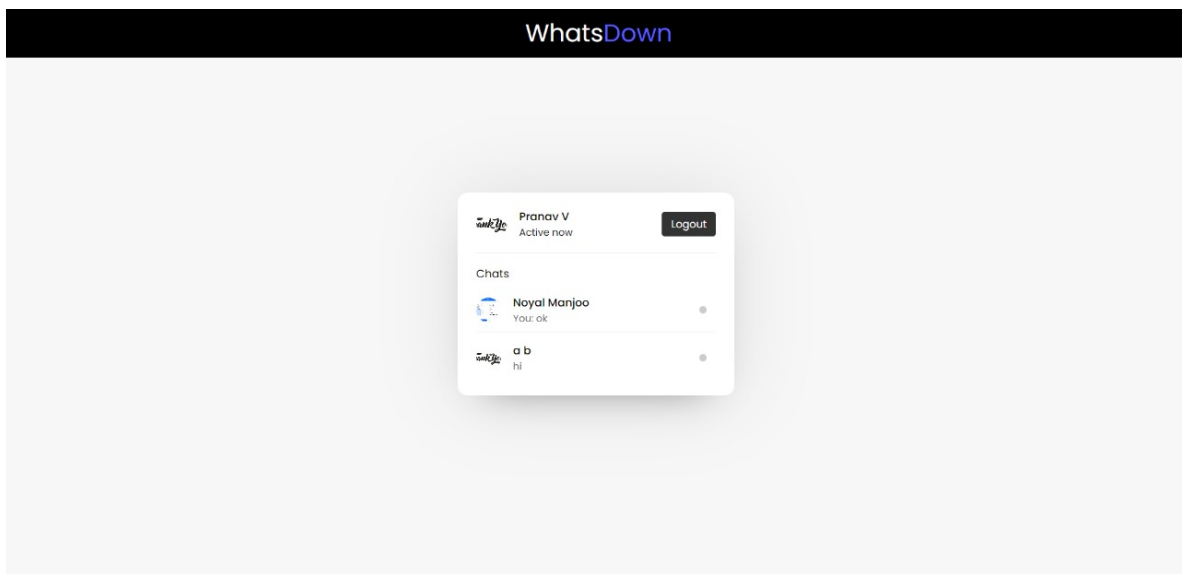


Figure 3: User List

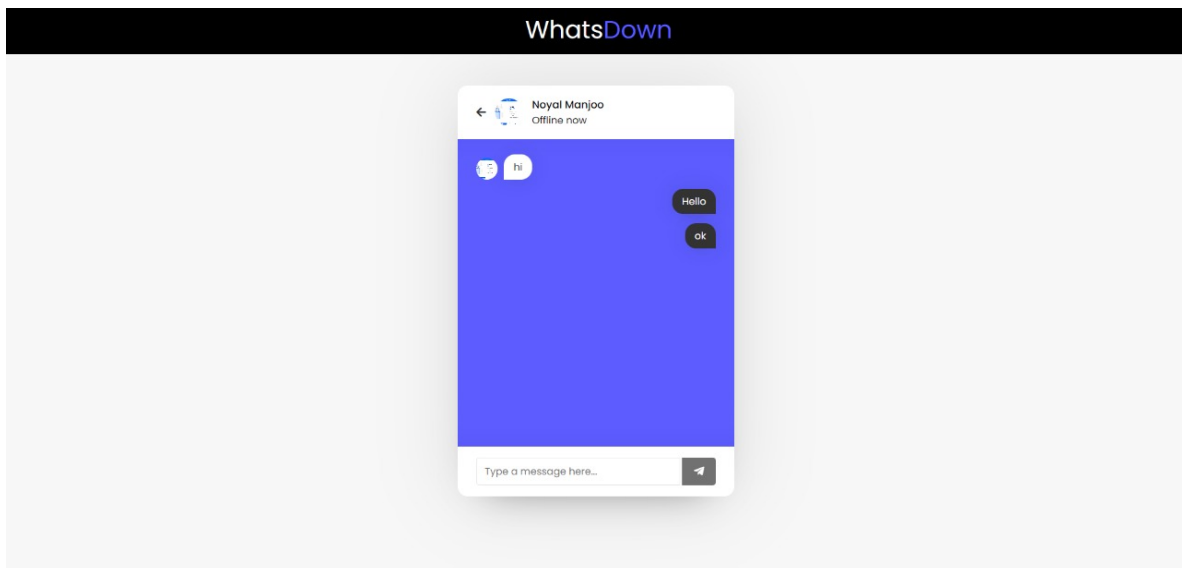


Figure 4: Chatting Page

3 Summary

WhatsDown is a web application that allows users to chat with each other from multiple devices. Front-end of WhatsDown is created using HTML,CSS,PHP. The user can register or login to the application and chat with anyone as they wish.

4 references

1. <https://stackoverflow.com/>
2. <https://www.w3schools.com/php/>
3. <https://www.youtube.com/c/codingnepal/>