

Software Engineering Lab

Final Implementation Report

Broadcasting Chat application

Members:

Chandana Jayaram(16CO107)

Akshay G(16CO204)

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1. Basic Information

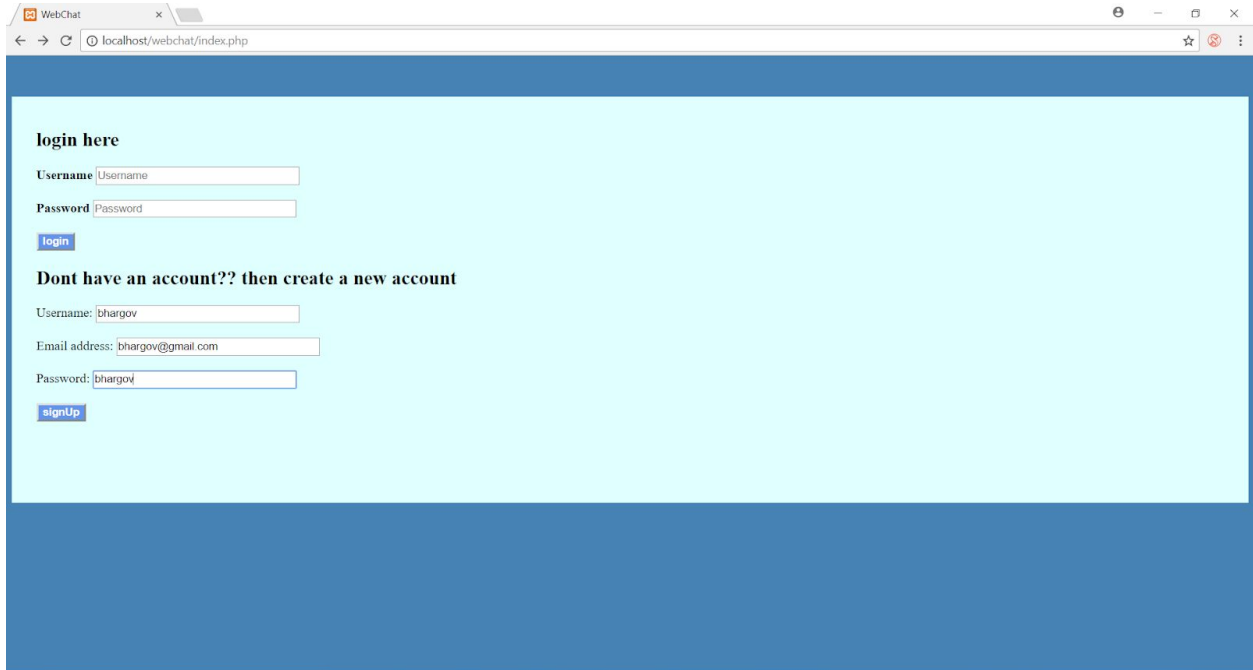
We have used php and Sql database to implement our web based chat application. **PHP** is a server scripting language, and a powerful tool for making dynamic and interactive Web pages. And the database used is MySQL. We have used the xampp tool to get local server where we will run our chat application. We have used the sublime text tool to write our code. We have used css to style our application and html for interface. Our application will run on local server using xampp tool.

2. Functionalities implemented

FRID	NAME	Description
1	Sign Up	User who dont have account in our chat application can create a new account using sign up option. User account will be created with his username, email and password.
2	Login	All users who have account in our chat application can login to their account and chat with other users. Once the user enters username and corresponding password, he will be logged in.
3	Chatting	logged in users can text other users. And if the latter is online, then they will receive the text and then reply.
4	Date and time	Date and time at which the text is received and sent is also displayed.

4. Screenshots

4.1. SignUp



The screenshot shows a web browser window titled "WebChat" with the address bar displaying "localhost/webchat/index.php". The page has a light blue background with a darker blue header and footer. The main content area contains two sections: "login here" and "Dont have an account?? then create a new account". The "login here" section has input fields for "Username" and "Password", and a "login" button. The "Dont have an account?? then create a new account" section has input fields for "Username", "Email address", and "Password", and a "signUp" button. The "signUp" button is highlighted in blue.

login here

Username:

Password:

[login](#)

Dont have an account?? then create a new account

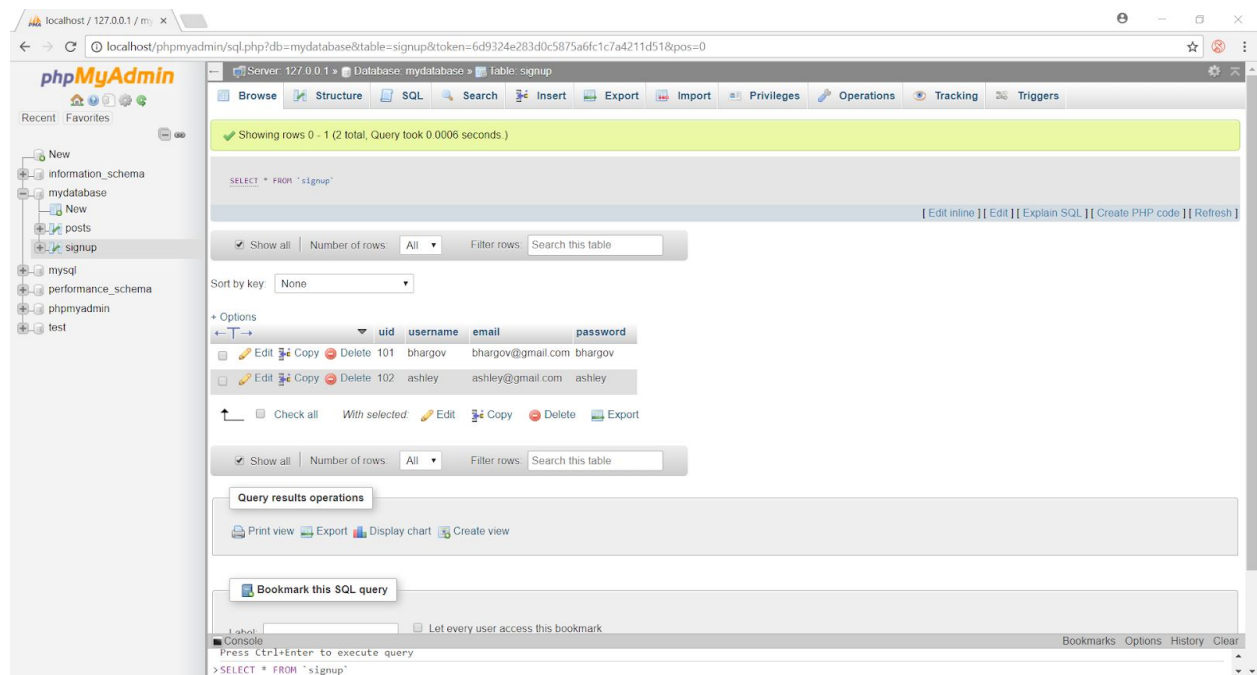
Username:

Email address:

Password:

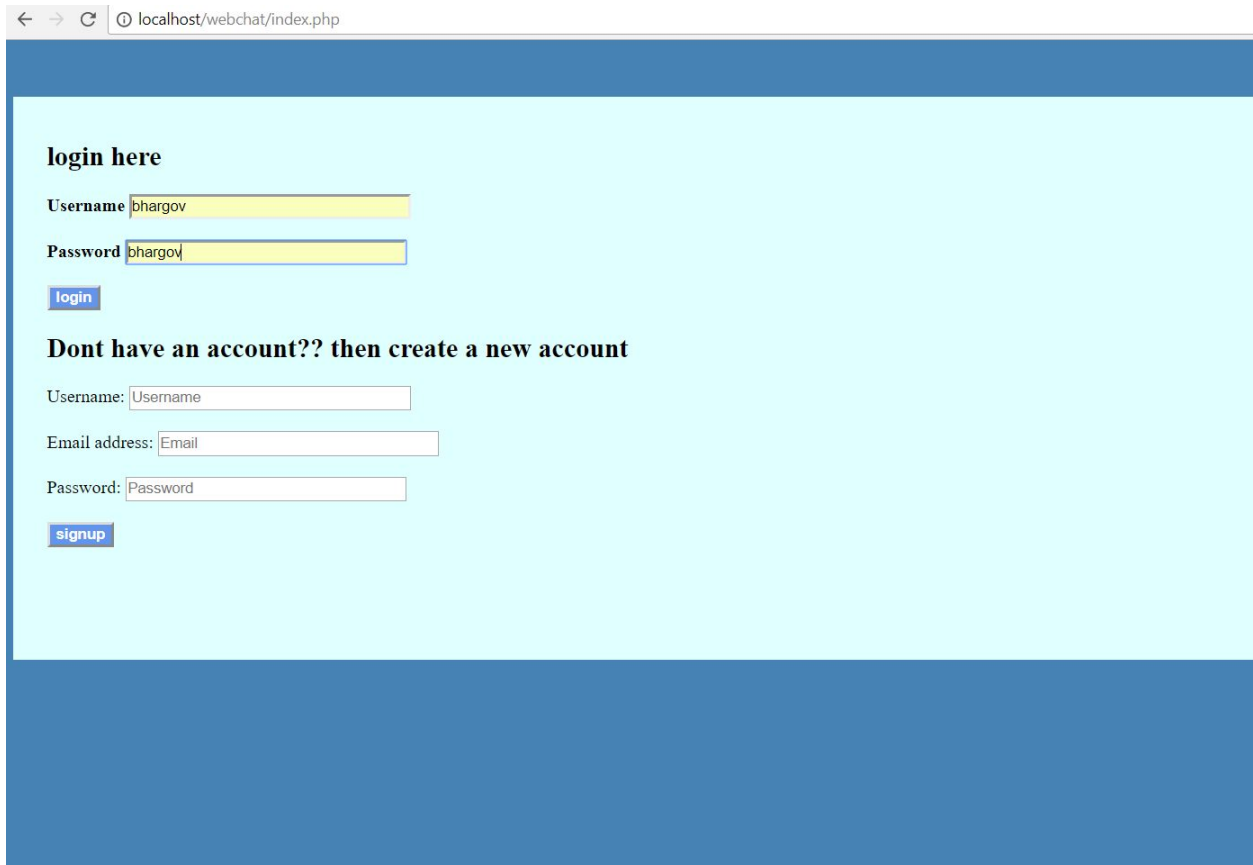
[signUp](#)

Sign up window



Database after signing up

4.2 Login



The screenshot shows a web browser window with the address bar displaying "localhost/webchat/index.php". The page has a light blue background with a darker blue header and footer. The main content area contains two sections: a login section and a signup section. The login section is titled "login here" and includes fields for "Username" and "Password", both containing the text "bhargov". Below these fields is a blue "login" button. The signup section is titled "Dont have an account?? then create a new account" and includes fields for "Username:", "Email address:", and "Password:", each with a placeholder text. Below these fields is a blue "signup" button.

← → ↻ localhost/webchat/index.php

login here

Username:

Password:

Dont have an account?? then create a new account

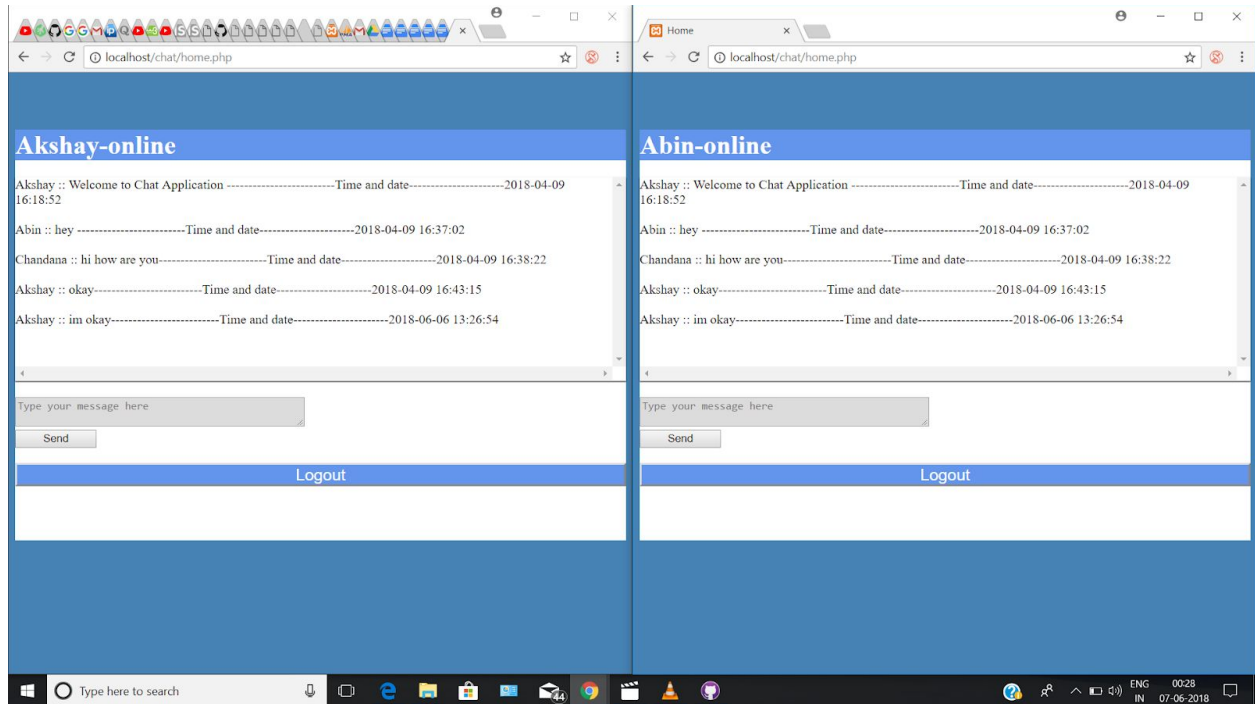
Username:

Email address:

Password:

Login Window

4.3 Chatting and Date and time



Chatting in process



Summary

In this report, we have given a detailed information about the functionalities that are implemented and that are not. And also screenshots of each functionality is put for reference. Our plan for the next build also has be detailed out in this report.