

Chatroom

Chat room is a channel where users communicate with each other through the Internet, traditionally in plain text only.

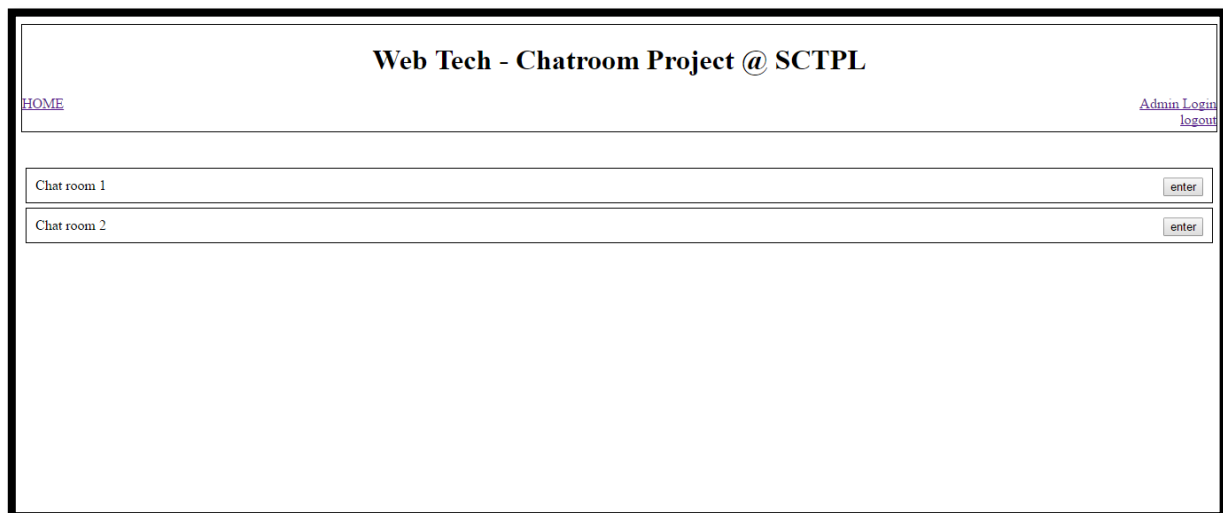
There are two parts of project

1. Admin
2. User

User:

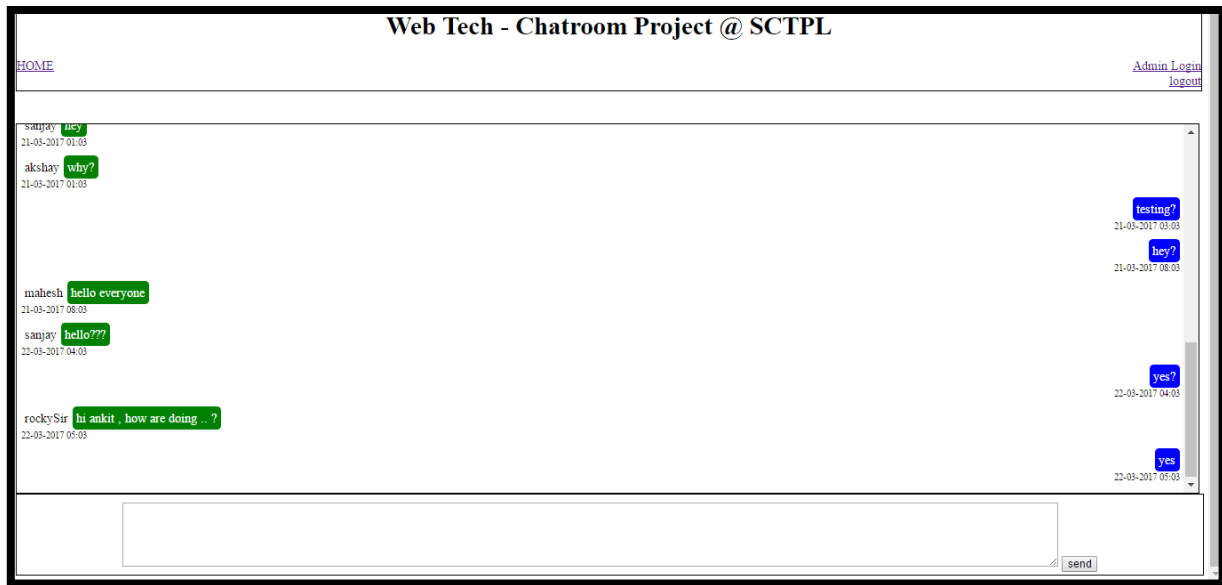
The users need to login first in order to chat with other users in chat-rooms. Hence no options such as enter or leave will be provided if they haven't logged in.

After logging in, the option enter will be provided in all the chatrooms. This is *[index.php](#)*



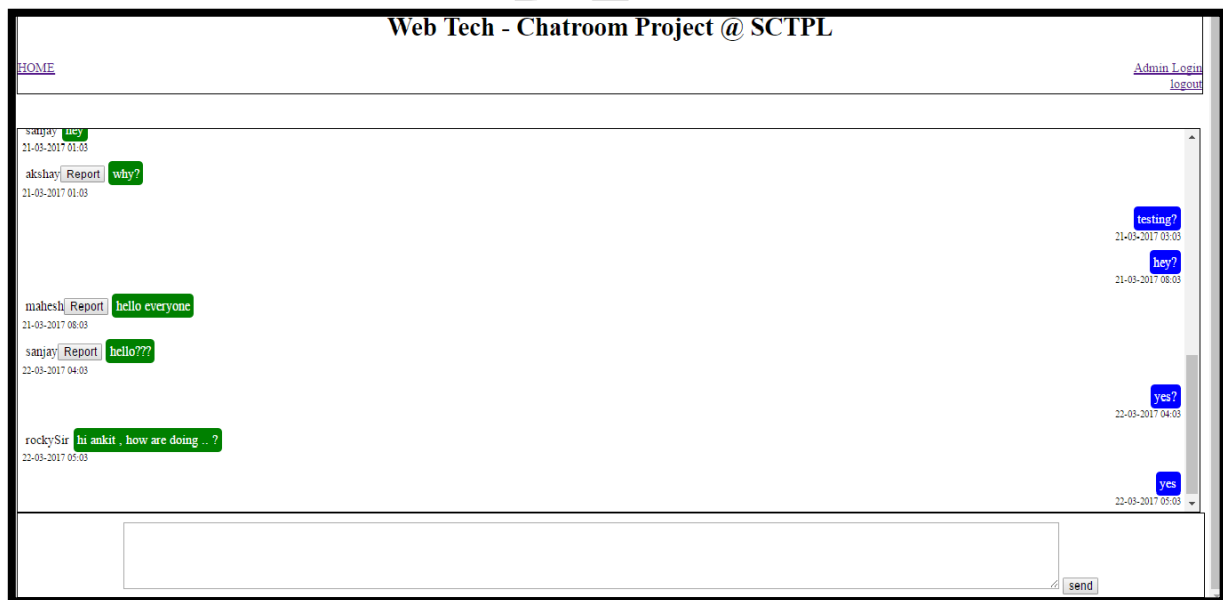
After clicking on the respective chatroom's enter button the chats entered in that **chatroom** should be displayed. This is *[chatroom.php](#)*

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Note that all the messages in the respective chatroom are coming from the database via ajax such as **load_chat.php** inside a **setInterval function for let's say every 2 seconds**. The user can type its message in the textarea and after clicking the send button, another ajax is called which calls a file such as **enter_message.php** that enter the users message in the database. This applies for all the users who are chatting in the room at the same time hence we see users updated messages in the div due to the previous ajax stored in the setInterval function as discussed above.

Users have an authority to report on messages who they find inappropriate, for that a button is needed to report that person.



In order to make that functionality we will add a report button to every chat message which is created by **load_chat.php**, which will be hidden initially and will only be displayed if the name of a person is clicked. For e.g. now rocky sir's message does not have a report button by its side, when we will click the name only then we will toggle report button after the name. On clicking the report button another ajax call will be made

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to a file such as *report.php*. *report.php* will be responsible for reporting the person and the message in the database.

Admin:

The admin will have a login page initially, if the person is a valid he will be redirected to *reporting.php*. The reporting.php will display all the people who have been reported and how many times have been reported like

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name	No of times reported	
ankit	2	<input type="button" value="View comments by ankit"/>
sanjay	1	<input type="button" value="View comments by sanjay"/>

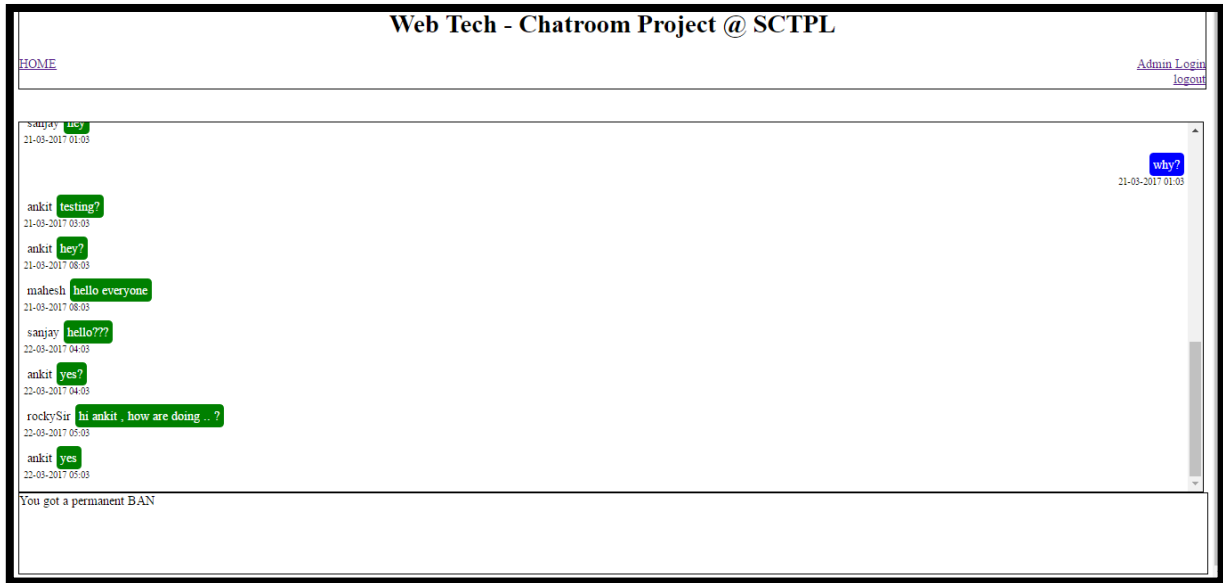
Now after clicking the view comments button, *viewComments.php* be called which will display the comments by the respective person like, this is *viewComments.php*

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Reported comments	
The comment by ankit: who let the dogs out? on 20-03-2017 12:03	
The comment by ankit: yes? on 22-03-2017 04:03	
No of times banned 1	
<input type="button" value="Temporary Ban"/>	
<input type="button" value="Permanent Ban"/>	

Now the admin has two options to temporary or permanently ban that person, if the admin chooses temporary ban the person should not be able to comment in any chatrooms for 7 days, if permanent ban is chosen the person is banned for a year.

The person who is banned won't be able to comment like

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Database schema

Admin

Aid
Uname
Upass

Ban

Bid
Uid
Type
Time_until

Chatroom

cid
chatroom

Message

Mid
cid
Uid
Message
date

Report

Rid
Uid
Mid

User

Uid
Uname
Upass

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This list of files is only descriptive (student may code more or less, but implement the required logic)

1. **Index.php**
2. **Chatroom.php**
3. **Logout.php**
4. **Loadchat.php**
5. **EnterMessage.php**
6. **Admin.php**
7. **Admin_action.php**
8. **Alogout.php**
9. **Reporting.php**
10. **ViewComment.php**
11. **Ban.php**