# CPSC 431-01 | Spring 2020 | Assignment 3

Modify the AJAX Chat to convert it into a group chat capable application (2+ chat users).

#### Use Cases:

1. Before user enters the chat room, user can specify a nickname to be used in the chatroom (see wireframe 1)
2. Each can enter a chat message which is then visible to all other users; multiple users using the application simultaneously users are identified by 1) their nicknames shown before their messages and 2) a randomly assigned color as background for the chat bubble (see wireframe 2)

#### Grading:

100 points =

20 points for proper modifications to the server code (chat.php)  
20 points for proper modifications to the database   
20 points for proper modifications to the client code (client.js)  
20 points for graceful error handling throughout your application  
20 for good coding style

#### General Requirements for Successful Submission:

* Modify the following files in collaboration with your chosen partner:
  + Chat.html – add form to enter a user’s nickname
  + Chat.php/client.js – add user tracking, identification
  + readme.txt – contains
    1. Team member names incl. CWID,
    2. Short introduction and explanation of each team member’s contributions, and
    3. **Complete contents of chat.php file incl. comments for added code only**
* Application needs to run without error messages on your school account – create a folder called “assignment3” inside the existing homepage folder, so the application can be accessed at http://ecs.fullerton.edu/~cs431s<id>/assignment3.