adminUser = “username”

user1 = “user1”

user2 = “user2”

user3 = “user3”

inconversation = username, user1, user2

NOTE: user1 and user2 are the primary keys for the inbox.

|  |  |  |
| --- | --- | --- |
| username | User\_1 | User\_2 |
| adminUser | adminUser | user1 |
| adminUser | adminUser | user2 |
| user1 | adminUser | user1 |
| user2 | adminUser | user2 |

inbox = user1, user2, numMessages

NOTE: The user with the highest ASCII value is user 1 and the other is user 2. So to find which user goes first when creating a new inbox, just compare the two user names and follow the rule.

|  |  |  |
| --- | --- | --- |
| User\_1 | User\_2 | numMessages |
| adminUser | user1 | 0 |
| adminUser | user2 | 0 |

Message = sender, recipient, messageNo, content

|  |  |  |  |
| --- | --- | --- | --- |
| sender | recipient | messageNo | content |
| adminUser | user1 | 1 | “Hi” |
| user1 | adminUser | 2 | “Hey” |
| adminUser | User1 | 3 | “Whats up???” |

Code to insert above dummy values to DB for inconversation and inbox

*/\**

*db.query("INSERT INTO inbox (user1, user2, numMessages) VALUES ('username', 'user1', 0)", function(err, data) {*

*if(err)*

*{*

*console.log(err);*

*}*

*});*

*db.query("INSERT INTO inbox (user1, user2, numMessages) VALUES ('username', 'user2', 0)", function(err, data) {*

*if(err)*

*{*

*console.log(err);*

*}*

*});*

*\*/*

*/\**

*db.query("INSERT INTO inconversation (username, user1, user2) VALUES ('username', 'username', 'user1')" , function(err, data) {*

*if(err)*

*{*

*console.log(err);*

*}*

*});*

*db.query("INSERT INTO inconversation (username, user1, user2) VALUES ('username', 'username', 'user2')" , function(err, data) {*

*if(err)*

*{*

*console.log(err);*

*}*

*});*

*db.query("INSERT INTO inconversation (username, user1, user2) VALUES ('user1', 'username', 'user1')" , function(err, data)  {*

*if(err)*

*{*

*console.log(err);*

*}*

*});*

*db.query("INSERT INTO inconversation (username, user1, user2) VALUES ('user2', 'username', 'user2')" , function(err, data)  {*

*if(err)*

*{*

*console.log(err);*

*}*

*});*

*\*/*

Code to insert above dummy values to DB for messages

db.query("INSERT INTO message (user1, user2, sender, recipient, messageNo, content) VALUES (?, ?, ?, ?)", [“username”, “user1”, “username", "user1", 1, "Hi"], function(err, data) {

        if(err)

        {

          console.log(err);

        }

      });

      db.query("INSERT INTO message (user1, user2, sender, recipient, messageNo, content) VALUES (?, ?, ?, ?)", [“username”, “user1”, "user1", "username", 2, "Hey"], function(err, data) {

        if(err)

        {

          console.log(err);

        }

      });

      db.query("INSERT INTO message (user1, user2, sender, recipient, messageNo, content) VALUES (?, ?, ?, ?)", [“username”, “user1”, "username", "user1", 3, "Whats up???"], function(err, data) {

        if(err)

        {

          console.log(err);

        }

      });

db.query("UPDATE inbox SET numMessages = 3 WHERE user1 = 'username' AND user2 = 'user1'",[user1, user2],  function(err, data) {

    if(err)

    {

      console.log(err);

    }

    else

    {

      console.log(data);

    }

  });