Discordia

Requirements specification. You must include a table that indicates which extensions have been made.

We want to make a chat application. Users can use the application to send texts and files to other users.

The application allow the user to:

- Register and login with cypher password.

- Send messages to other user.

- Send the same message to several users.

- Receives messages.

- Create a friendship with other user. User have to accept the friendship.

- See profiles from other users if both users are friends.

- Modify the user profile with a custom avatar.

- Create a group with several user and see the conversation between them and participate.

  
Figure 1: Extensions Table

E / R scheme.

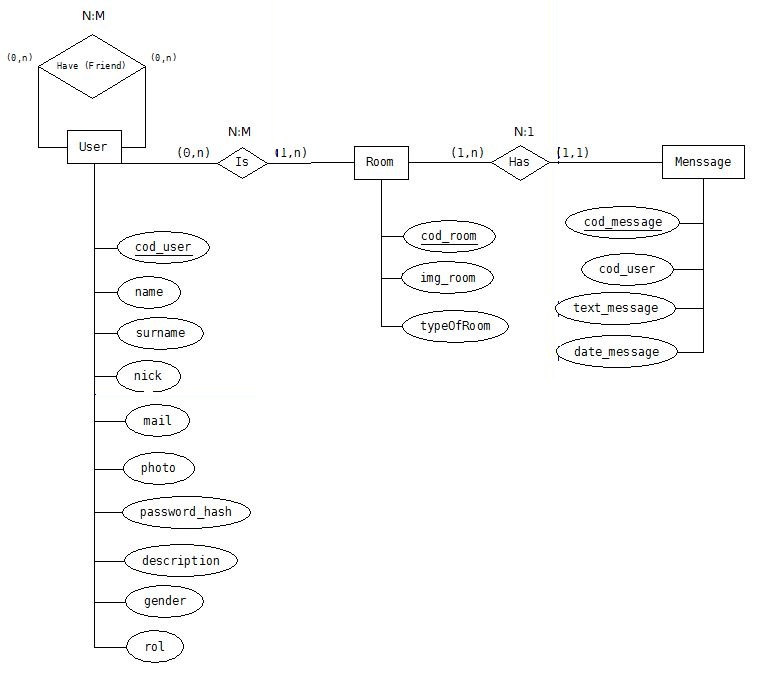
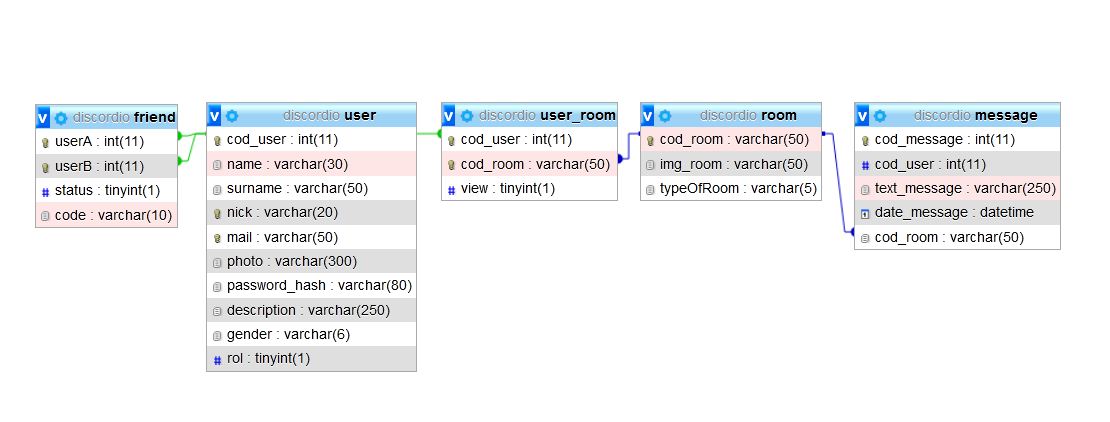
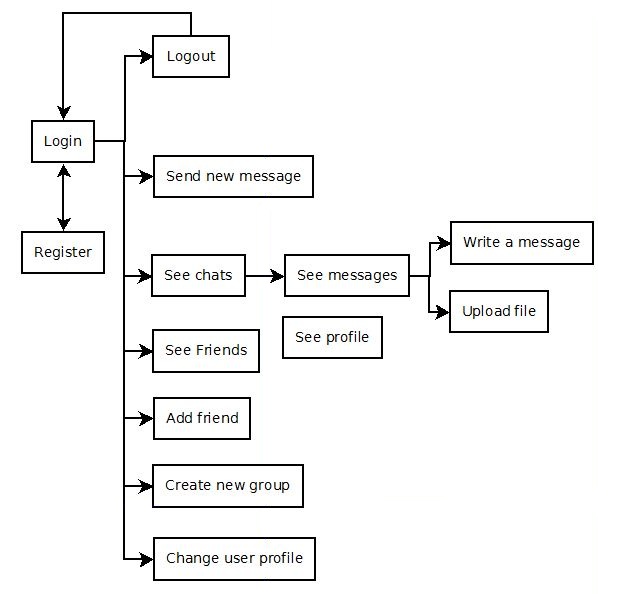
  
Figure 2: Entity Relationship Diagram

Diagram of the database obtained with SQL Developer.

  
Figure 3: Diagram of the database

Screen map.

  
Figure 4: Screen Map

Summary table of the files that are part of the application.

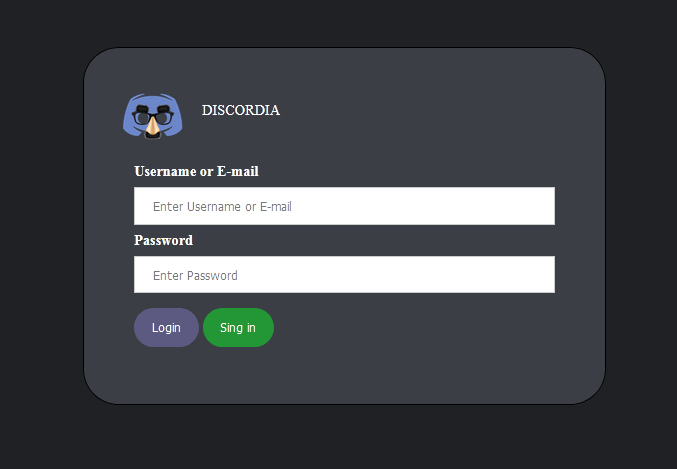
|  |  |  |  |
| --- | --- | --- | --- |
| Path | Description | Parameters | Redirects to |
| acceptFriend.php | The php for accepting a friend(The tick in the petition) | $\_SESSION[‘user’][‘cod\_user’]  $\_POST[‘codUser’] |  |
| accessLogin.php | Checks if the login is correct | $\_POST[‘user’]  $\_POST[‘password’] |  |
| allUser.php | Loads all the profiles for the admin to see |  |  |
| chat\_AJAX.php | Loads the chat with users or groups and allows to send messages | $\_POST[‘codRoom’]  $\_POST[‘avatar\_chat’]  $\_POST[‘name\_chat’]  $\_SESSION[‘user’][‘cod\_user’] |  |
| contacts.php | The php for the left side of the screen | $\_SESSION[‘user’][‘cod\_user’] |  |
| createNewGroup.php | Creates a new group | $\_POST[‘users’]  $\_POST[‘nameGroup’]  $\_SESSION[‘user’][‘cod\_user’] |  |
| denyFriend.php | The php for denying a friend(The cross in the petition) | $\_POST[‘codUser’]  $\_SESSION[‘user’][‘cod\_user’] |  |
| friend.php | Shows the friends of the user | $\_SESSION[‘user’][‘cod\_user’] |  |
| logout.php | Logs out of your sesion |  | main.php |
| newGroup.php | Button for creating a new group |  |  |
| profFriend.php | Allows to see the profile of your friend | $\_POST[‘codUser’] |  |
| profile.php | Allows to change the user profile and also is where you add your picture and description | $\_SESSION[‘user’][‘cod\_user’] |  |
| request\_friend.php | The request of friendship from one user to another | $\_POST[‘user’]  $\_POST[‘text’]  $\_SESSION[‘user’][‘cod\_user’] |  |
| search\_bar\_friend.php | Search for looking for a new friend |  |  |
| search\_bar.php | Search for looking for a user to send a new message |  |  |
| send\_message\_AJAX.php | Allows to write messages from one user to another | $\_POST[‘codRoom’]  $\_POST[‘text’]  $\_SESSION[‘user’][‘cod\_user’] |  |
| send\_message\_newMessage.php | Sends a new message to a user | $\_POST[‘codRoom’]  $\_POST[‘text’]  $\_SESSION[‘user’][‘cod\_user’] |  |
| send.php | Where the message is actually sent | $\_POST[‘user’]  $\_POST[‘text’]  $\_SESSION[‘user’][‘cod\_user’] |  |
| sendFriendship.php | Sends the request of friendship from one user to another | $\_POST[‘nameUser’]  $\_SESSION[‘user’][‘cod\_user’] |  |

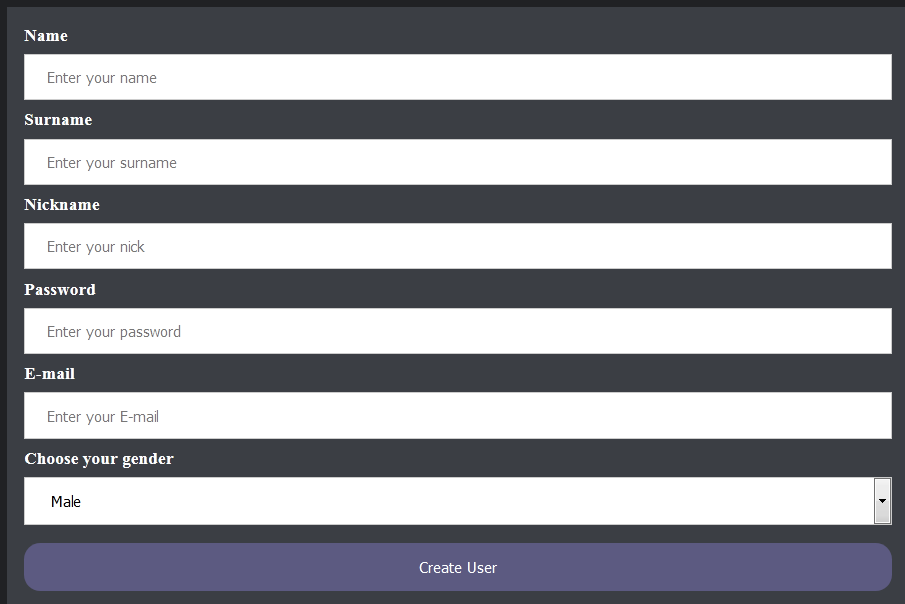
|  |  |  |  |
| --- | --- | --- | --- |
| upload\_files.php | Allows to upload files in the chat | $\_POST[‘codRoom’]  $\_POST[‘cod\_my\_usr’]  $\_POST[‘code\_room’]  $\_FILES[‘file’][‘name’]  $\_FILES[‘file’][‘tmp\_name’]  $\_SESSION[‘user’][‘cod\_user’] |  |
| uploadProfile.php | Updates the changes made to the user profile | $\_POST[‘name’]  $\_POST[‘surname’]  $\_POST[‘description’]  $\_POST[‘nick’]  $\_FILES[“myfile”][“tmp\_name”] | main.php |
| db.php | Here are all the queries to the database |  |  |
| login.php | Login screen | $\_GET[“redirected”] |  |
| main.php | Here is where every php is called and loads | $\_SESSION[‘user’][‘cod\_user’] |  |
| register.php | Creates your user if you don't have one | $\_POST[‘name’]  $\_POST[‘surname’]  $\_POST[‘nick’]  $\_POST[‘email’]  $\_POST[‘password’]  $\_POST[‘gender’]  $\_SERVER[“PHP\_SELF”] |  |

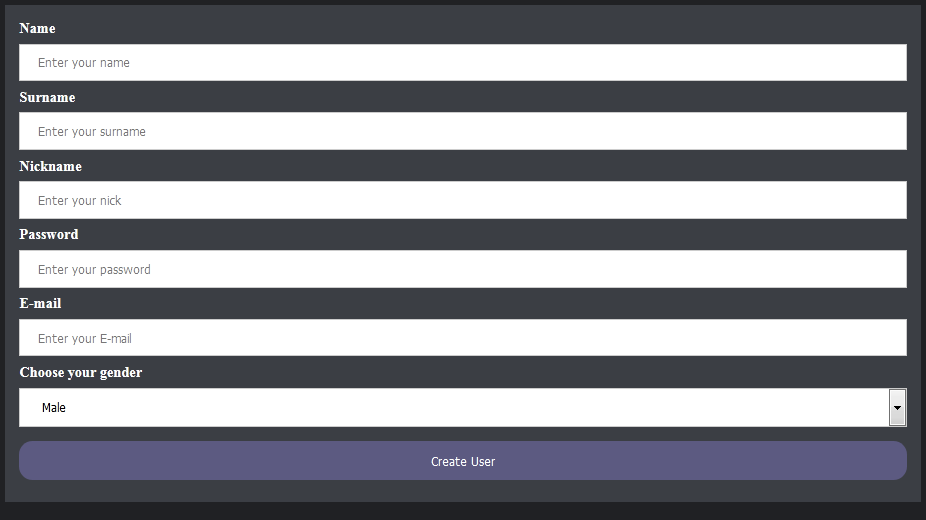
|  |  |  |  |
| --- | --- | --- | --- |
| sessions.php | Where the session of the user logged in is stored | $\_SESSION[‘user’] |  |

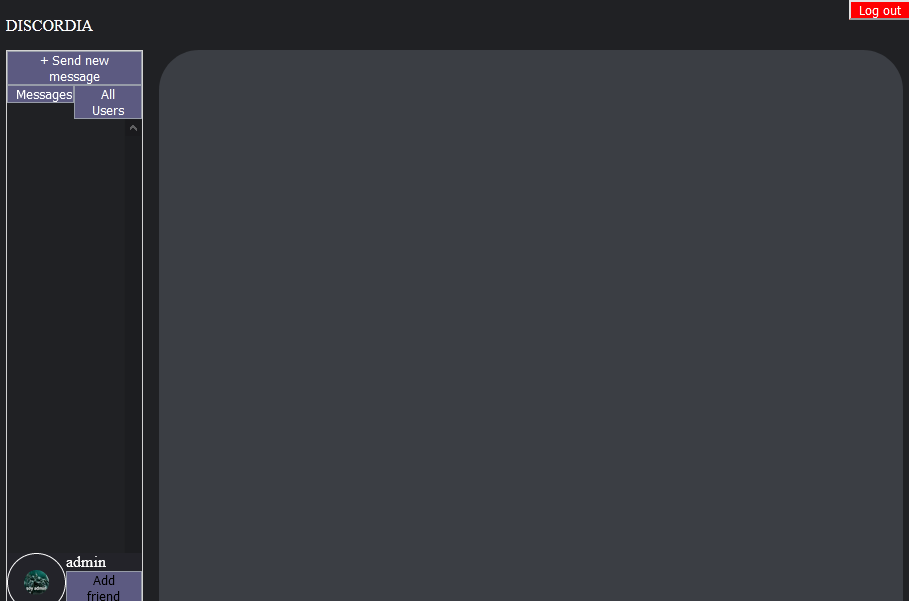
|  |  |  |  |
| --- | --- | --- | --- |
| functions.js | Here are all the functions that call the php for the main page |  |  |

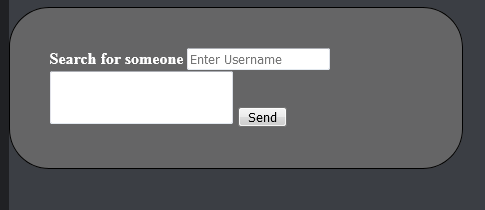
User manual, including a description of the data loaded into the database (users,passwords, groups ...)

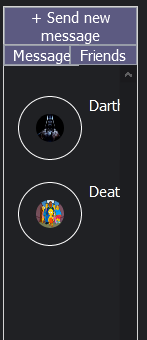
  
Figure 5: Login *Form*

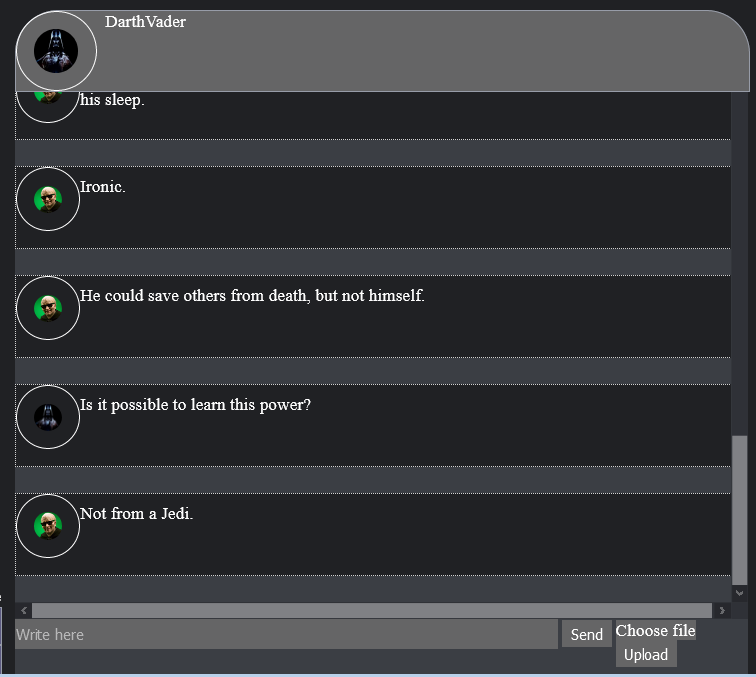
  
Figure 6: Register Form

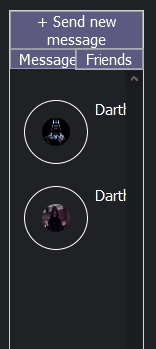


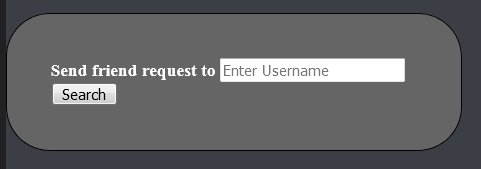
  
Figure 7: Home Page

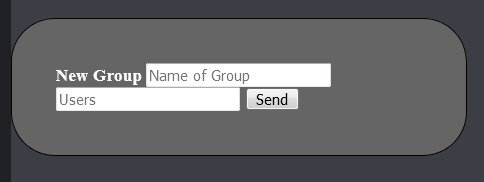
  
Figure 8: Send New Message From

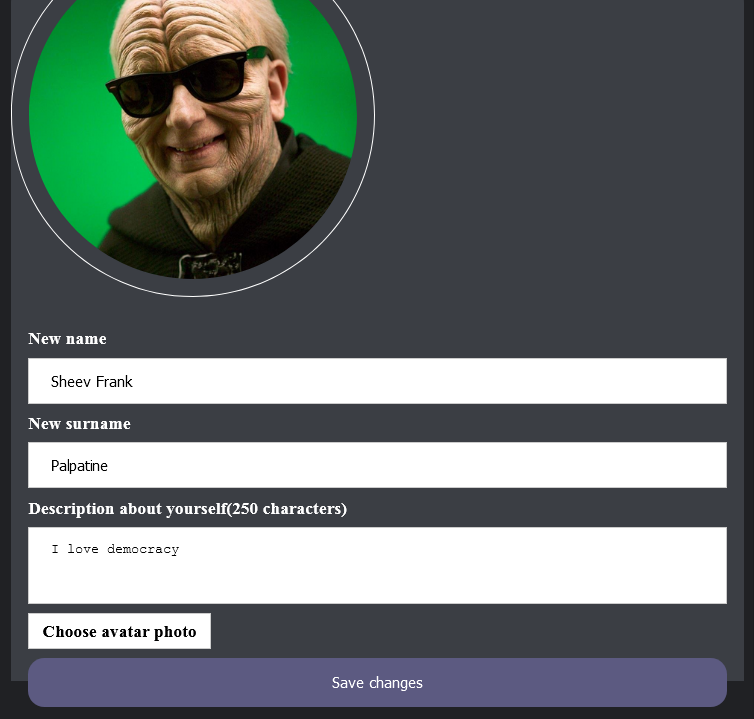
  
Figure 9: Message Chats Actives

  
Figure 10: Message Chat Content

  
Figure 11: Friend Section

  
Figure 12: Send Friend Request *Form*

  
Figure 13: Create New Group Form

  
Figure 14: Profile User Section