Functional Requirements for "Web-гра шахи з підтримкою чату між користувачами"

1. As Unauthorised User, I want to be able to:

1.1. create a new account (with proper input information)

1.2. log into an existing account (with proper credentials)

2. As a User, I want to be able to:

2.1. view all available game lobbies   
2.2. join an available game lobby of my choice  
2.3. view all available game lobbies of a specified format  
2.4. create a game lobby of a specified format:

2.4.1. choose whether I will play as "black", "white" or "random"

2.4.2. choose the time given to each player and time increment

2.4.3. choose whether the game is **ranked**  
2.5. play a game of chess if the lobby is joined by another player

2.5.1. view the current state of the board

2.5.2. make any **legal move** after my opponent, moving first if I'm "white"

2.5.3. forfeit, losing instantly

2.5.4. offer a draw, drawing the game if the opponent does the same in time

2.5.5. send a message of my choice out of the available selection to my opponent

2.5.6. receive a rating change depending on the game's outcome if the game was ranked

3. As an Admin, I want to be able to:

3.1. perform all User actions

3.2. view all past and ongoing games of a certain format of a certain player  
3.3. view any User's info, including their "casual" rating

3.4. ban any User account  
3.5. ban any User IP  
3.6. invalidate any past game  
3.7. delete any past game   
3.8. edit a User's rating

Entities

IP, User, Admin, Lobby, Game, Message