




# Web Application and Wireframes

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# Game We Chose





# Features (Users/Chat)

## Users:

- Create Account
- Login
- Log out

## Logged in Users access:

- Use Game Chat
- Play games
- Check scoreboard

## Game Chat:

- Chat is enabled for game creation page
- Chat enabled for Users in the same game state (4 players max).
- Chat displays who and when the message was sent (Username & Timestamp)

## Page Access:

- Users not in game should not have access to the game
- Only users in the same game, can chat with other users
- Users can see the score from games they have played in



# Features(Game)

- All game states must be constant in a database on the server not the client side
- If a user closes the current game the user should be able to reconnect in the current state for that user
- Only relevant game state should be sent to each user (i.e. don't send all player's card hands to all other players, don't reveal what the next card in the pickup deck is)
- Game state must be updated in real time in response to user events and interaction with the game
- Application must support an infinite number of games
- Any user must be able to participate in any number of games (in different tabs / multiple games at once)



# Tech Stack



PostgreSQL

PostgreSQL

Express JS

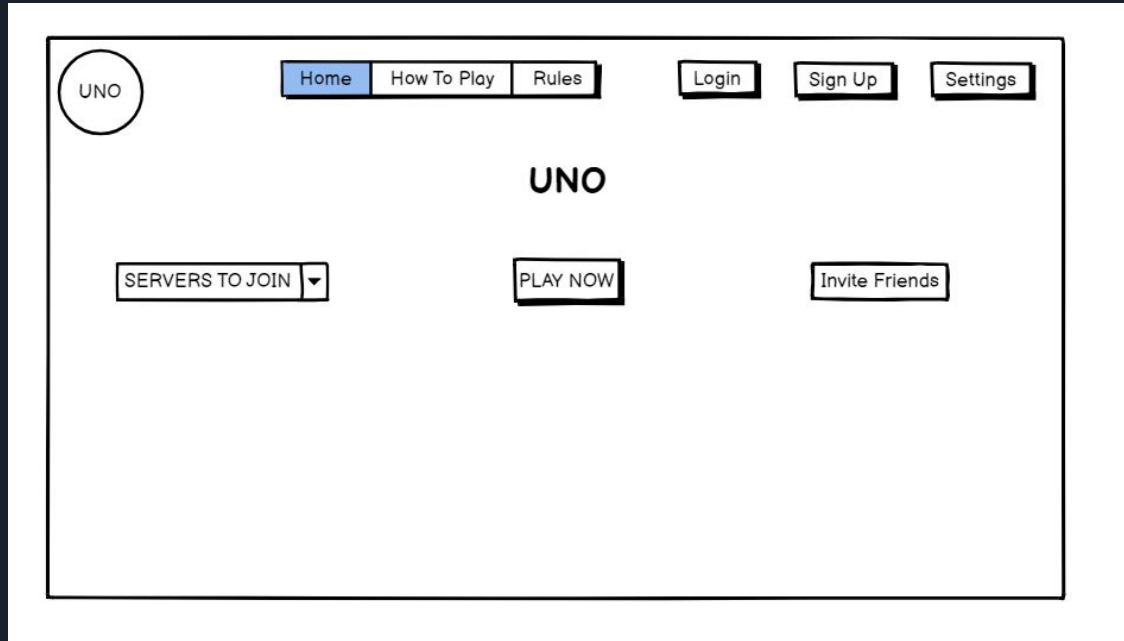
Express JS



Node JS

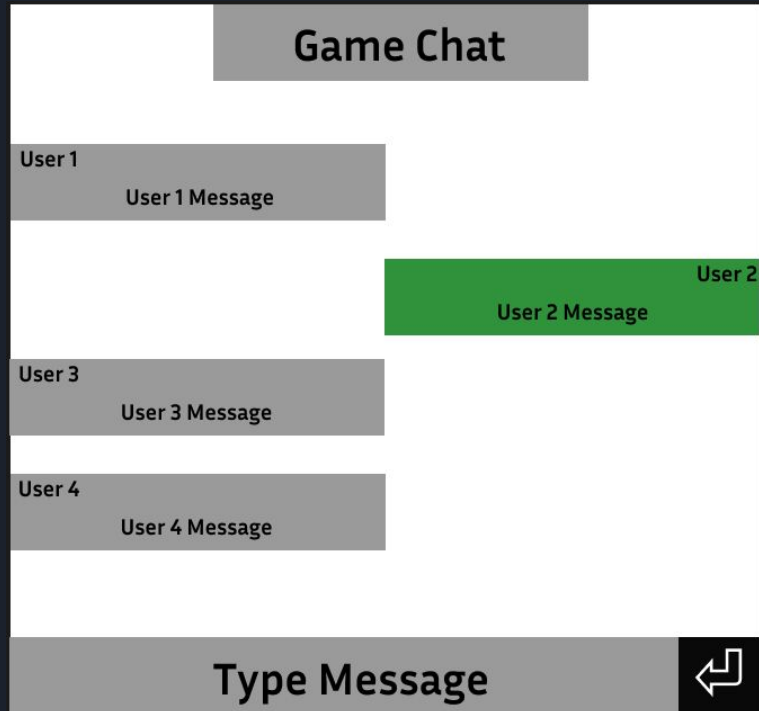
# Wireframes

## Homepage



# Wireframes

## Game Chat



# Wireframes

## Sign Up

Sign up

[Home](#) [Login](#) [Sign Up](#)

Uno

\*Image\*



# Wireframes

## Sign In

The wireframe shows a sign-in page for a service named 'Uno'. It features a dark header with the word 'Login' and navigation links for 'Home', 'Login', and 'Sign Up'. The main content area is white and contains a central login box. Inside this box, the brand name 'Uno' is displayed above a circular profile picture placeholder labeled '\*Image\*'. Below the image are three input fields: 'Username', 'Password', and a 'Sign In' button. At the bottom of the box are two links: 'Forgot Password' and 'Sign Up'. The entire page is framed by a dark background.

**Login** Home Login Sign Up

**Uno**

\*Image\*

Username

Password

Sign In

[Forgot Password](#) [Sign Up](#)

# Wireframes

## Gameplay

