The Purple Sponge's Milestone 1 (CSC 667)

Github Repository:

https://github.com/sfsu-csc-667-fall-2024-roberts/term-project-the-purple-sponge.git Github Project Board: https://github.com/orgs/sfsu-csc-667-fall-2024-roberts/projects/10

What we have accomplished for the Milestone this week:

- > Outlined the features our term project will include, as well as potential optional features to expands on the to-be-finished game
- > Listed down the kinds of technology we will use to implement various aspects of the term project
- > Drew out wireframes to serve as a blueprint of what each main web page should look like

Game of choice: Bingo

Required Features:

Important Bingo Features: Home page (not logged in) Allow anyone to create account Allow anyone to log in to account	
Log In Screen	
☐ Formfield with username and password input boxes	
☐ Submit button to send entered credentials to the server to be verified	
If successful, redirect to homepage (logged in version)	
If fail, give alert to user that their credentials don't match	
☐ Button to create a new account	
☐ Redirects to the create an account page	
Create Account Page	
☐ Form Field with username and password input boxes	
 Password must abide by all the conditions (upper and lowercase letters, numbers, special characters) to be valid 	
☐ Confirm password input box	
 Create account button to send data to server that verifies that account doesn't alreated exist and creates a new one 	ady
☐ If successful, redirect to log in screen	
☐ If fail, alert user for why the account cannot be made	

	it is a verified win, then a banner displays the victor's name for all user and the game room closes in 10 seconds Redirect user to Home page (logged in)	rs to see
	it is a false win, the banner alerts everyone that the game is not over a came resumes.	ind the
Optional Fo	<u>eatures</u> :	
□ Se	ability to have multiple bingo cards open at once Some in-game currency that is awarded to players for participating and Store page for cosmetic banners, and stuff in exchange for in-game cur	-
	<u>ES</u> : Node.js, Express.js, PostgreSQL, TypeScript, Husky, lint-staged, ESLi dotenv, morgan, ejs, cookie-parser.	nt,
Wireframes Home page (not	_	
	Home page (for all users)	
	Bingo!	
	Introductory information and announcements can be put here	
	Frame 2 Frame 1	

Clicking on the login button will redirect user to the login page to create an account

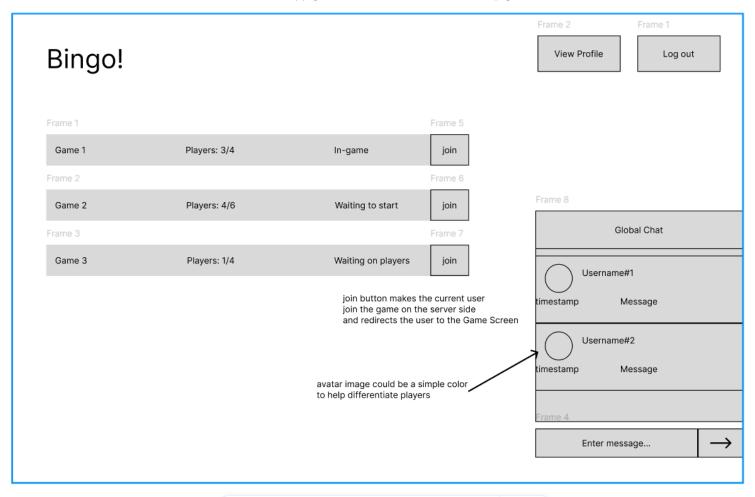
Log in

The create account button will redirect user to the Create Account page

Create Account

Lobby Screen (logged in)

Lobby page (user must be authenticated to view this page)



Bingo!



The user is able to input any text in "Username" and "Password" fields.

If the user needs to, they can go to the create account page via the "Sign up" button

When clicking the "Login" button, two things can occur:

- If the username inputted is not in the database, or the password does not match with the username, a popup warning will appear to inform the user if an incorrect username/password
- 2. If the username exists in the database, and the password matches, the user with be redirected to the

Create Account Screen

Create an Account

Username:

Enter a username you'd like here

The username which someone inputs will be stored as text in a database. There will be a check present to ensure no two users can have the same username.

Password:

Enter a password you'd like here

Your password must contain upper and lowercase letters, numbers, and at least one special character!

The password will have a check for uppercase, lowercase, number, and special characters so that the user creates a more secure password. Additionally, this will be encrypted when it gets stored in the database.

Retype Password:

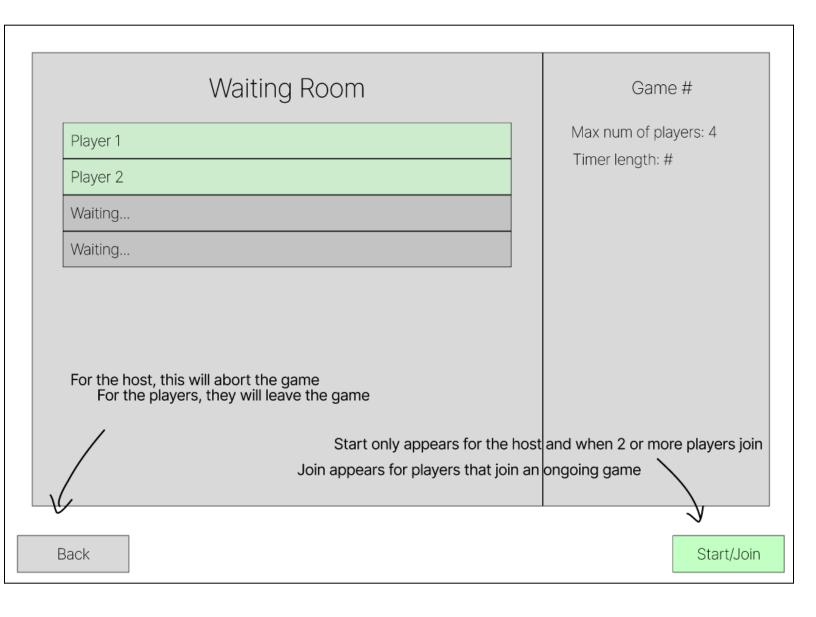
Please retype your password here

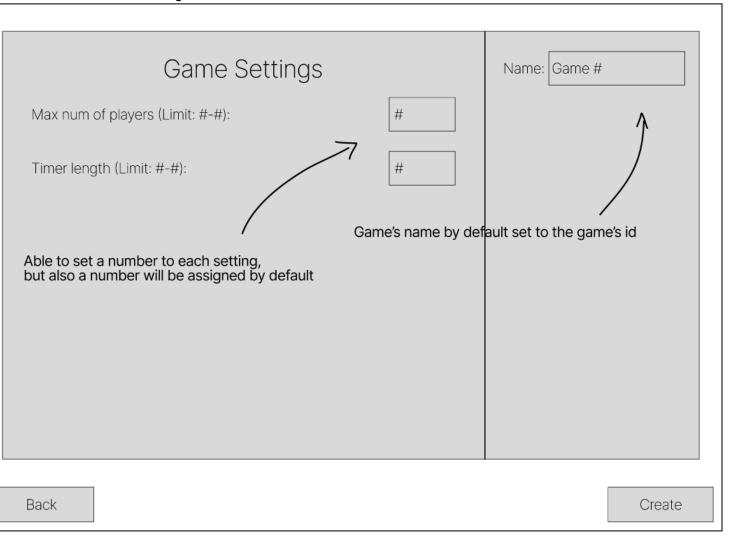
The password must then be retyped by the user, and will be checked against the value in the first password field.

Create Account

The create account button must be pressed to submit the information and for an account to be made. If all the fields are filled correctly, the enter key could also potentially be used.

Game Waiting Room





Game Screen

Game screen (User must be authenticated)

me 1	Frame 9	Bingo!			12, 15, 79 Display For the called numbers
2	5	7	8	9	
2	5	7	8	9	
2	5	7	8	9	Game Room Chat
2	5	7	8	9	Username#1 timestamp Message
2	5	7	8	9	Username#2 timestamp Message