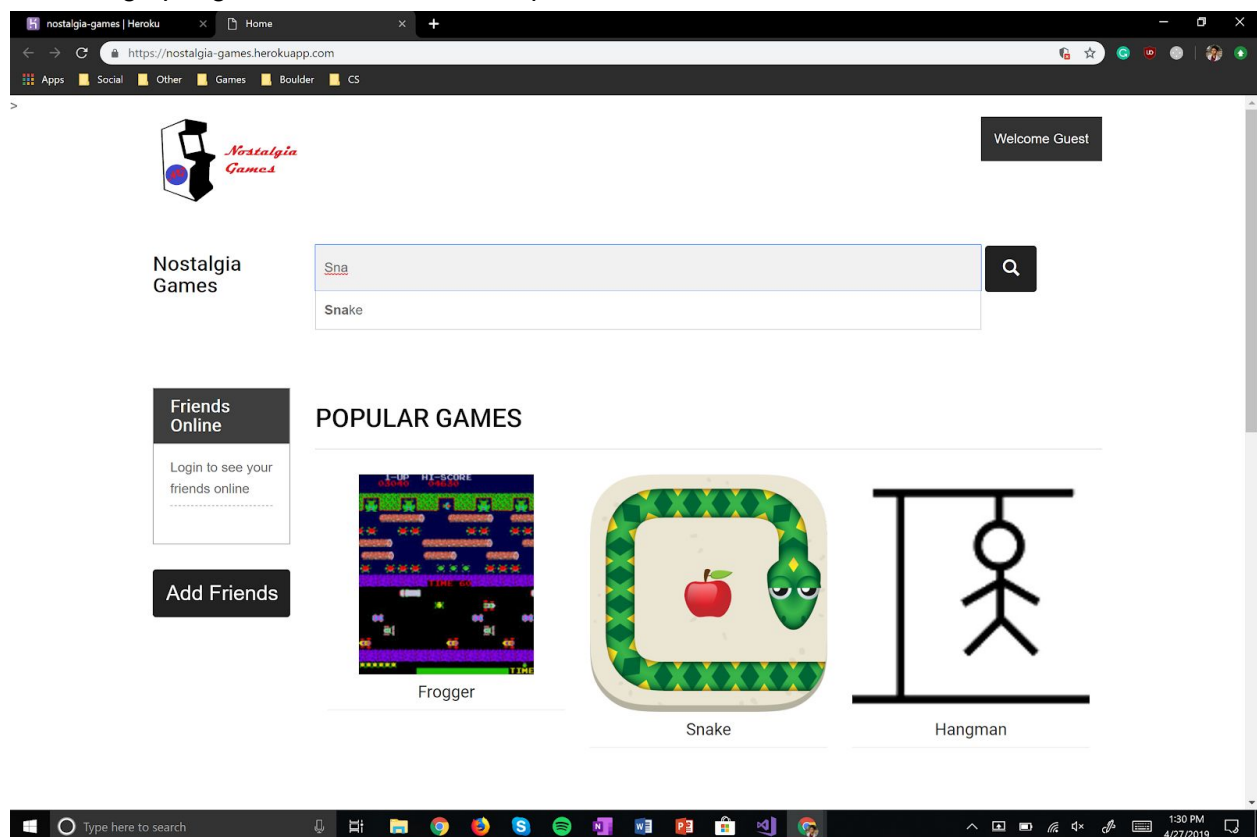


Test Cases

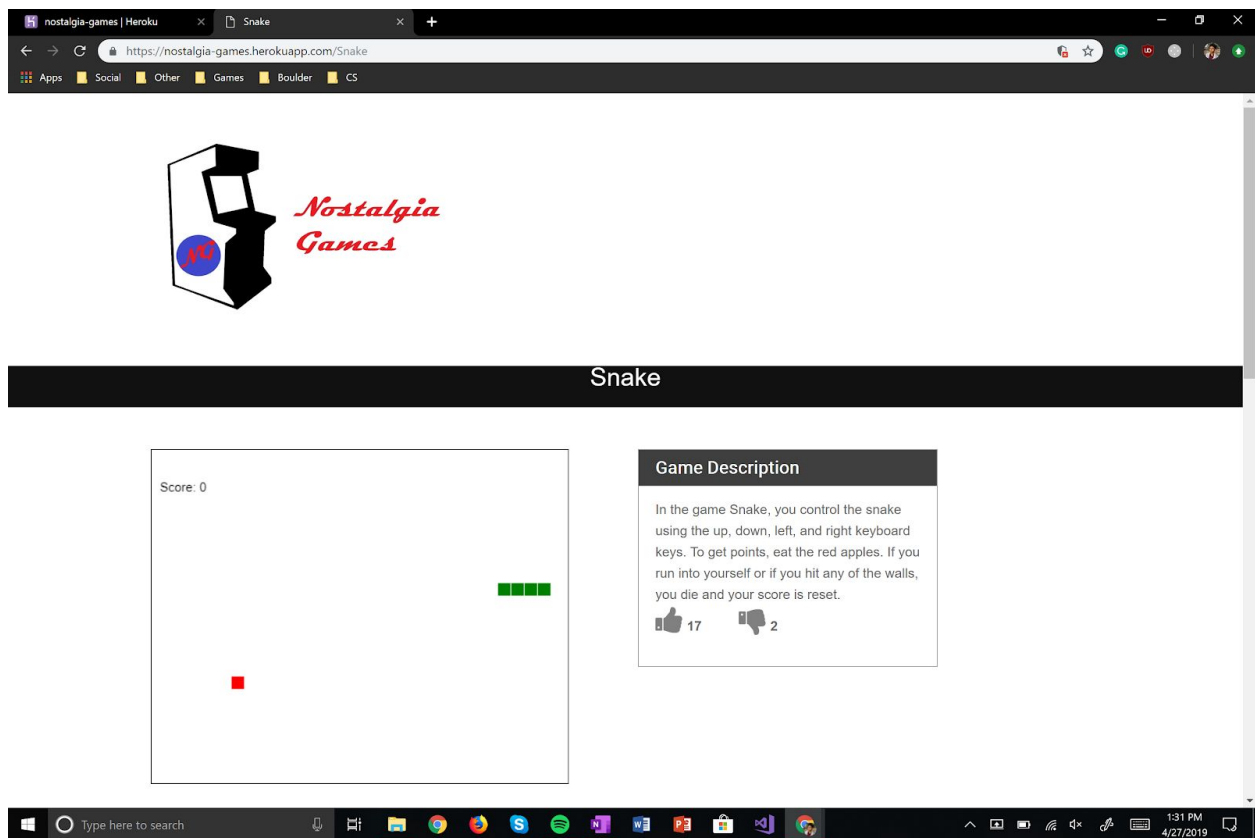
- Search Bar Feature
 1. Click on the search bar
 - a. Able to click on search bar to start inputting text
 2. Enter the title of a game that is present in the database in the search bar, letter by letter
 - a. Displays results with titles of games that start with the same letters as the search entry
 - b. If the game doesn't exist, no results will be given
 3. Click on a search result
 - a. Redirects the user to that game's game page
 4. Press up and down directional keys to highlight specific search results, and press enter
 - a. Redirect the user to the highlighted game's game page

Result: Success

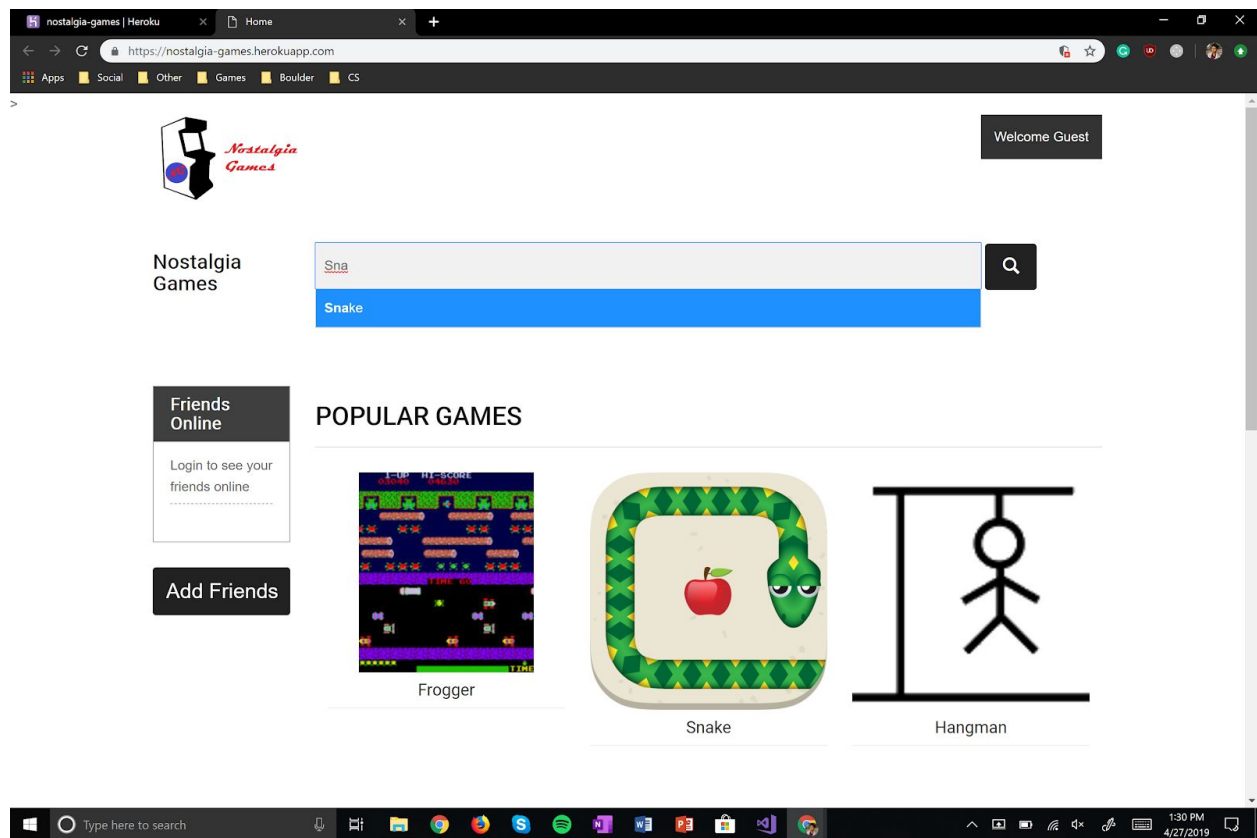
Searching up a game that exist autocompletes the result



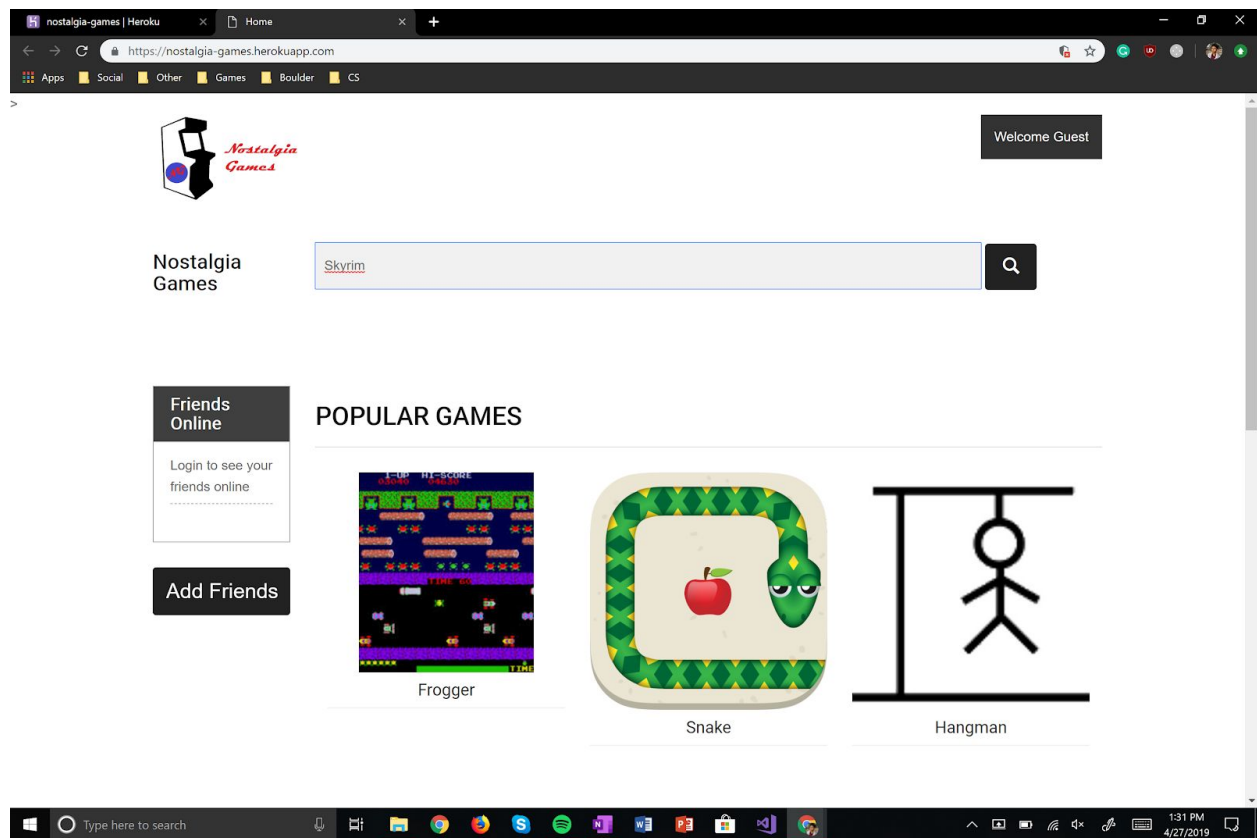
Clicking on the name of the game or pressing search leads to the page of the game



Able to use directional keys to highlight the name of the game



No results if game doesn't exist



- Sign-up/Register New User Feature
 - a. Flow 1 - Standard Use case in which new user is able to sign up successfully with fresh information
 - 1. Enter all form data for the sign up page, in their respective fields
 - a. Able to enter text after clicking/tapping to fields
 - 2. Validate email field is filled out correctly
 - a. Green flag shown for valid email
 - 3. Validate password field is filled out correctly
 - a. Green flag shown for valid password where the requirements mentioned below are met.
 - i. 1 upper-case letter
 - ii. 1 number
 - iii. 1 special character
 - iv. At least 8 characters
 - 4. Validate that confirm password fields matches initial password field above it
 - a. Green flag shown if password fields match
 - 5. Click on Submit button
 - a. Enable submit button to be clicked

- b. Successfully adds a new user in the player database with the filled out information fields
 - c. Redirects browser to homepage where user-specific information is displayed
 - b. Flow 2 - Use case in which new user tries to sign up with already registered information
 - 1. Enter all form data for the sign up page, in their respective fields
 - a. Able to enter text after clicking/tapping to fields
 - 2. Validate all fields are filled out correctly as documented in Flow 1
 - 3. Click on Submit button
 - a. Enable submit button to be clicked
 - b. Checks listed email and username against player database
 - Reloads sign-up page with an error message specifying what information is already registered in the system
 - c. Flow 3 - Use case in which new user tries to sign up with incorrectly-formatted passwords
 - 1. Enter all form data for the sign up page, in their respective fields
 - a. Able to enter text after clicking/tapping to fields
 - 2. Validate email field is filled out correctly
 - a. Green flag shown for valid email
 - 3. Validate password field is filled out correctly
 - a. Red flag shown for a password where any of the requirements mentioned below are not met.
 - 1 upper-case letter
 - 1 number
 - 1 special character
 - At least 8 characters
 - 4. Validate that confirm password fields matches initial password field above it
 - a. Red flag shown if password fields don't match
 - 5. Submit button remains disabled if passwords not formatted correctly

Result: Success

During the sign up section, must enter the valid email address and password

New User ? Create An Account.

Email address must be valid

✖ Valid email address

testuser4@gmail.com

Password :

Retype Password :

Create

Email address must be valid

✓ Valid email address

Password must contain the following:

✗ A lowercase letter

✗ A capital (uppercase) letter

✗ A number

✗ Minimum 8 characters

✗ Password and Confirm Password Match

When enter Testuser for the new password

.....|

Retype Password :

Create

Email address must be valid

✓ Valid email address

Password must contain the following:

✓ A lowercase letter

✓ A capital (uppercase) letter

✗ A number

✓ Minimum 8 characters

✗ Password and Confirm Password Match

After fulfill all the requests

Create

Email address must be valid

✓ Valid email address

Password must contain the following:

✓ A lowercase letter

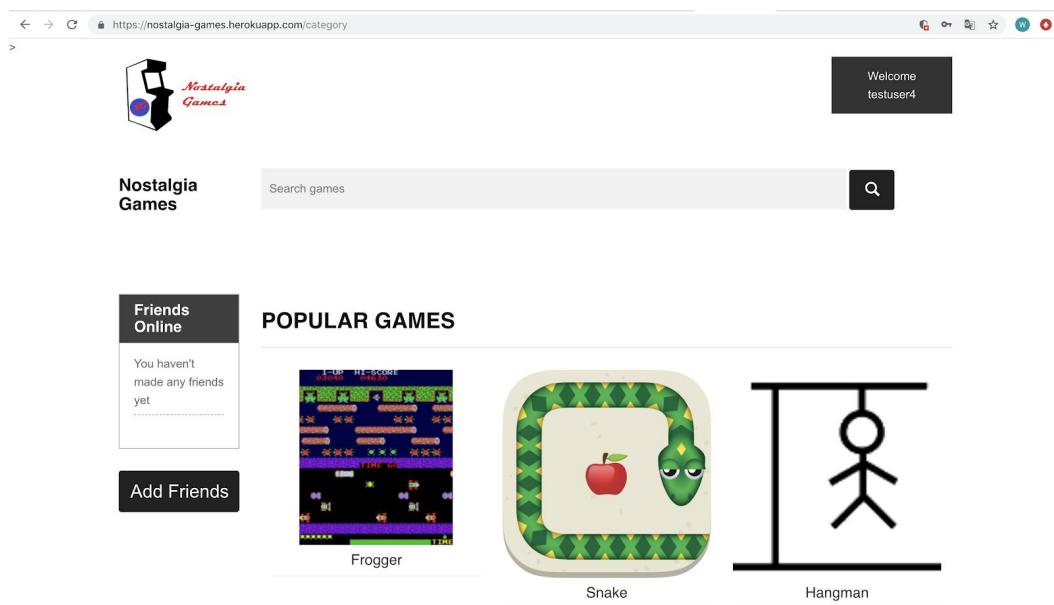
✓ A capital (uppercase) letter

✓ A number

✓ Minimum 8 characters

✓ Password and Confirm Password Match

After finishing the sign up section, redirect to the home page with a new user



If signing up with username or email address that already existed

New User ? Create An Account.

The screenshot shows a registration form titled "New User ? Create An Account." with the following fields and errors:

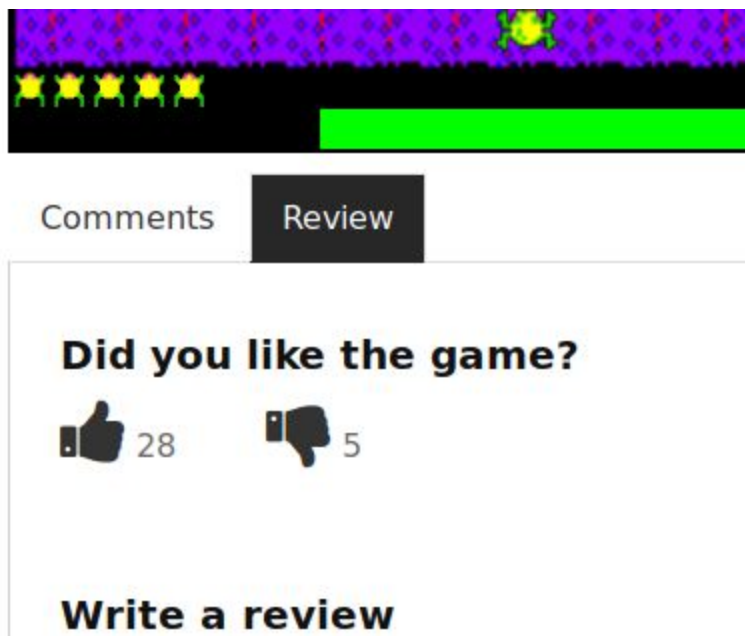
- Username field: Contains "testuser1". Below it is a red error message: "Error! Username has already existed ." with a close button (x).
- First Name field: Contains "test".
- Last Name field: Contains "user1".
- Email field: Contains "testuser1@gmail.com". Below it is a red error message: "Error! Email has already existed ." with a close button (x).
- Password field: Labeled "Password :".
- Retype Password field: Labeled "Retype Password :".
- A "Create" button at the bottom.

- User Review Feature on Game Page
 - a. Flow 1 - A registered user tries to rate/review a game for the first time
 - 1. Clicks on like or dislike
 - a. Able to click
 - b. Like and dislike buttons are shown as black if not clicked, turns green once clicked for like, red once clicked for dislike
 - c. If like button is already clicked, clicking the dislike button makes the like button black again and vice versa for if the dislike button is already clicked
 - 2. Enters text into the comment field
 - a. Able to type text
 - 3. Clicks submit button
 - a. Successfully adds the rating and the comment of the user to the game's database, and also updates the player database with the the user's rating information
 - b. Displays message thanking the user
 - b. Flow 2 - A registered user tries to rate or review a game that they have previously rated and reviewed

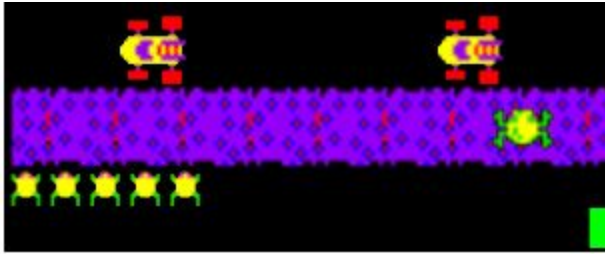
1. Clicks on like or dislike
 - a. Able to click
 - b. Like button becomes green if clicked and dislike button becomes red when clicked. Buttons are disabled after one like/dislike click.
2. Enters text into the comment field
 - a. Able to type text
3. Clicks submit button
 - a. Successfully updates the rating and the comment of the user to the game's database, and also updates the player database with the the user's rating information
 - b. Displays message thanking the user

Result: Success

Before Hitting Like:



After Hitting Like:



Comments

Review

Did you like the game?



29



5

Before Commenting:

Comments

Review



Brings back memories



Still challenging as ever



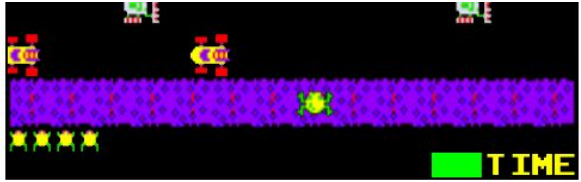
Truly nostalgic



Best Game EVER!

After Commenting 'I can't get past the first level':

1. Displays 'Thank you' Note:




Comments


Review

**Thank you for reviewing
the game!**


2. Updates the comments section to reflect the new comment:




Brings back memories




Still challenging as ever



Truly nostalgic



Best Game EVER!



I can't get past the first level