

## GUI: Improving interface

My project is a website I coded for a E-Gaming business that sells products and coaching for online games. This project will have users go through the incomplete version of this project (I chose one that was not completely done) and record their reaction to ease of access and navigation. I have some issues that are very apparent like one page having no tabs like the others to move to different pages, incorrect usage of checkboxes that should be radio buttons, and a page that lists products but doesn't provide a way to view them or purchase them. Other type of information can be recorded about design of the website, reactions to huge image carousal, and the pop up boxes that verifies information. I plan to use this website test to focus on two types of people: those who are really into gaming and would be interested in this device, and those who don't really play games and are testing the website as they would another. The personas that I would like to choose are what was described above, a hardcore gamer who loves games and your average person who may have experienced videogames but aren't devout players. The first user being someone who spends a lot of time on websites and video games, who is used to stress testing programs and pushing things to limit to get value out of it. The second type of user is someone who uses websites as needed, prefers to spend less time on the computer or only uses it to shop, and is not intensive when it comes to finding flaws in systems. The third type of persona that I would like to test would be someone who has never used a website before, that has little experience using computers that may needs accessibility help viewing websites.

# LegendSphere Gaming™

For all your gaming needs

Contact us:  
LegendSphereGaming  
1337 Gamers LN  
San Diego, California 61969

Home	Products&Services	About Us
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## Welcome to LegendSphere Gaming - Enjoy the games you love, and play professional!

LegendSphere Gaming is the one stop shop for anything for gamers. We give you the edge when it comes to E-Sports, hardcore gaming, or for the casual gamer who enjoys Video games! The products that we offer are anything a gamer would need ranging from computer accessories to consoles and anything in between! Our prices will beat out the competition, and get you started on the path that you want.

Not only do we provide the products you need, We also offer the latest news on gaming. You can find information about upcoming releases, upcoming console prices and release dates, and more! Also, don't forget to sign up for our newsletter that sends you personalized emails with suggestions or our latest sales. If you are interested in becoming a gaming instructor, sign up to be a coach!



Home page of website

# *LegendSphere Gaming™*

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[Home](#)

[Products&Services](#)

[About Us](#)

## **Products**

- Consoles
  - Playstation
  - Nintendo
  - Xbox
  - Steam
- Games
  - Playstation
  - Nintendo
  - Xbox
  - Computer
- Accessories
  - Playstation
  - Nintendo
  - Xbox
  - Computer
- Subscriptions
  - Gift Cards
  - Game Subscription Cards
- E-Sports Coaching
  - Instructional
  - Personal development for games and goals

**LegendSphere Gaming © 2021 Brad Melchor**

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Products offered, no way to purchase them or see items

# LegendSphere Gaming™

For all your gaming needs

Select a Package that is optimal to your desired rate. We offer several packages based on 1 Hour for 2 days a week, 2 hours for 3 days a week, or 3 hours for 4 days a week!

E-Sports Coaching packages

Packages we offer:

Live, In-Game Coaching

☐ Yes!

☐ No Thanks!

Divisional Game Coaching

☐ Bronze

☐ Silver

☐ Gold

☐ Platinum

☐ Diamond

☐ Masters+

How Many Games Do You Want To Be Coached?

Sign up page for coaching. Has no navigation, values confirmed doesn't do anything.

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Please rate your services or products that you have previously purchased!

E-Sports Coaching packages

Select your subscription package and rate the service!

☒ \$29.99, 1HR for 2 days a week

☒ \$59.99, 3HR for 3 days a week

☒ \$99.99, 3HR for 4 days a week

What Rating would you give it?

☐ 1

☐ 2

☒ 3

☐ 4

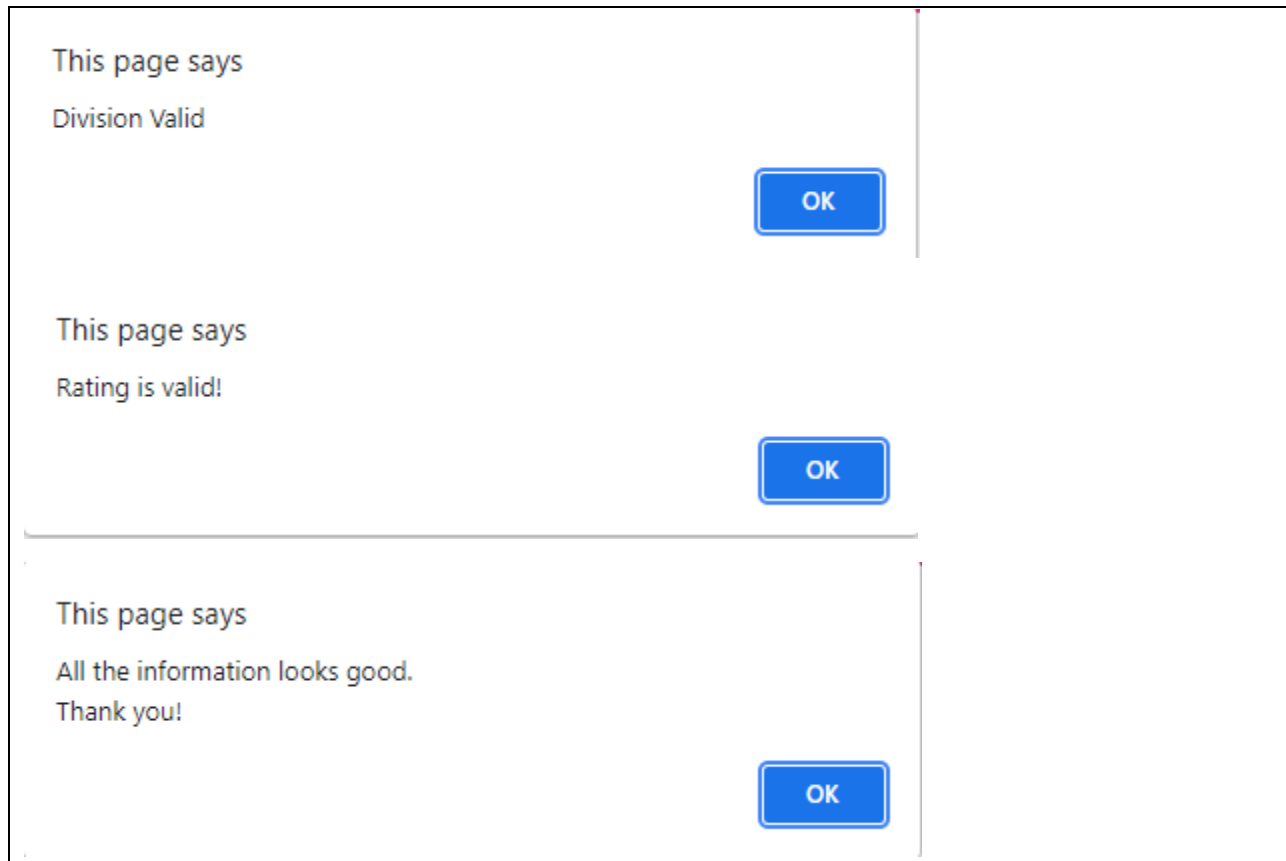
☐ 5

Divisional Game Coaching

What division coaching did you receive and how would you rate it?

What Rating would you give it?

Incorrect use of checkboxes when it should be radio buttons.



The image shows three stacked chat pop-up boxes, each with a blue border and a blue 'OK' button. The first box contains the text 'This page says' and 'Division Valid'. The second box contains 'This page says' and 'Rating is valid!'. The third box contains 'This page says', 'All the information looks good.', and 'Thank you!'. Each box is separated from the next by a thin horizontal line.

Spamming of chat pop ups verifying that information is good.

Testing the website:

Users will perform two tests: Navigating the website and noticing flaws of navigation and testing input where applicable. Below are steps that both users will take to view the website and to test input.

1. Fill out the informed consent and read what the purpose of this project is.

Viewing the format of webpages (testing design):

2. Open website and take a second to read the information.
3. Click the "home" tab and see if any change occurs.
4. Hover over "products and services" to generate drop-down lists.
5. Click on "products & services" to view list of the products offered.
6. Repeat step 4: but select "product catalog".
7. Notice the webpage layout changes, hit the back button on browser.
8. Hover over "about us" to see drop down menu.
9. Click on "about us".

10. View “about us” webpage and notice an extra option now on bar about “vision statement”.
11. Click on “vision statement”, vision statement tab changes.
12. Hover over “about us” again and choose “survey”.
13. View “survey” web page and hit back button.
14. Click “contact us” on bottom bar, go back home.

#### Testing inputs:

15. Hover over “products and services” and click “product catalog”.
16. Fill out information and hit submit. Notice in the bar that information is stored there.
17. Refill out information and hit reset. Notice how information still stays in bar but the web page is cleared of all inputs.
18. Hit back two times on browser to get back main page.
19. hover on the “about us” and open the survey page.
20. Select options and type in text into the boxes.
21. Hit confirm.
22. Notice pop ups of text that verifies the content that was submitted.
23. Click multiple boxes and type in a number for the rating. Hit confirm again.
24. Read pop-ups again.
25. Notice how division accepts any input but rating does not.

#### Follow up questions:

- What could be improved with the interface/ design?
- What about the website is done well?
- What about the website can be improved upon?
- How is this website compared to other websites?
- Was there any step that you were confused on?
- Were the directions hard to understand?
- Would you be interested in the products or services that were described?

#### After Test:

From both tests, I had two users who had different skill levels when it came to browsing websites and whether the subject pertained to them. The first user, Samantha, followed the steps provided to view all the webpages and look at navigation around the website. She found that the white background with black text and a bright red logo was not visually pleasing. She suggests that the design be changed to give a more pleasing look to the eye. She noticed there were some grammar issues with the content. The other user who took the test, Charles, said something similar. He said that more color on the website page would have made it easier to view. He noticed more flaws in this version of the website than the first user, as he tested in more depth with input. Both however, noticed that the web pages that didn’t have navigation links or reroutes, was more difficult to navigate around the website. Both voiced that it was frustrating. What the users both agreed upon was that the website worked like other websites and had easy navigation besides the few pages that were mentioned. They both

mentioned that there were no parts of the instructions that were confusing or hard to understand. They also seemed interested in using the products and services provided after reading about what LegendSphere Gaming offers. After the test, I explained to both users that the point of this test was to find flaws with navigation and input.

What I learned: Maybe giving more of a thorough explanation beforehand would have helped the users understand what they were looking for. I may be referencing to what I wanted in the testing, the users didn't notice the flaws listed in the earlier part of the report. It took Charles a little bit to notice that I was testing for input flaws, design flaws, other issues, and bloopers. Charles started pointing them out.

I learned that navigation and ease of access is a big part in customer satisfaction. If a user can't navigate a website easily, they may get frustrated and leave the website completely. Another issue that I learned is choosing the right type of color for a background, a font, the color of logos, and headers. I also learned that the point of testing websites and giving them to different type of personas will help designing the product and find flaws better. I got to see how each person viewed the webpage and responded to the directions that was provided. It only took 5 minutes of each person's time, but the information that was obtained is valuable.

\*It is also important to make a quick note here that the final version of the website fixed most of these issues but still had a similar design scheme\*

Improvements based on users' responses, reactions, and retorts (RRR):



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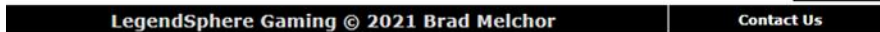


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shift →



The first thing we would need to work on to improve this is to work on the format of the webpage. Centering the content on the page so that it is in the middle of the website or completely fills the page. The website looks like it is left-justified. Circled in the above picture is the logo which colors should be changed to a different color. Throwing more color into the design and using a background color besides white could definitely help with user accessibility.

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The survey page could use with some updates: changing the check boxes to a radio button or a checkbox where only one can be picked. The second part of this webpage that can be improved on is that the rating accepts a number 0-9 but doesn't tell you that clearly. If you type in a number above 9 or input text, it asks you to put in a valid rating. This can be improved upon by having more accurate wording or have input filtering to match a specific design and check the input before it is submitted.

This page says

Please enter a rating for your service. ?

Why should this be done and why does this pertain to programming for the future?

The few improvements mentioned are important because when users are on a website, it matters more to them than it does to a programmer. Thousands of users may be using a website, doing different functions like work or shopping. It is important that we continuously try to improve website designs so that users have an easier time to access what they need and fast. If this website wasn't just



mentioning gaming products and coaching services and was designed to be a place where employees access files, click links to navigate to different parts of databases, etc., They would care more about how it is designed. Relating to the readings, both the users in the study were just like personas in their own sense. If we think about how different people access websites and what skill level they have when it comes to using websites, we can design it closer to what people need rather than a clunky design provided by programmers.