

**Class:** CSC-317-04 Spring 2021

Name: Anthony Nguyen  
Student ID: 918486275

Name: Rohan Rawat  
Student ID: 917018484

Name: Georgina Shirazi  
Student ID: 917803229

Name: Duong Trong  
Student ID: 921619293

**GitHub UserID:** PinkStruct

**Team Name:** Response Code 200

**Project:** CSC 317 website project - Javascript

Description

---

### **Description:**

Product page (individual): data is populated dynamically by using JavaScript to store data in our own “database.” Element information is populated dynamically via classes, and fetching data from the backend. Tags are populated with each game, displayed dynamically on the main game page (to correct size. If it overflows it stops adding tags) and all of the tags appear on the modal window (click the + sign to pop up the modal window). To close the modal window, click the overlay transparent effect on the outside of the window.

- The add to cart button is WIP. It does not add the product to the cart here.
- The modal window contains tags, all which are links that do not link to anything yet. To increase the number of associations with a tag, click the TAG GAME button. To remove this tag, click the REMOVE TAG button. A user is able to add the product to the cart with utilization of cookies.

## Products page (homepage) features

- Games dynamically generated with our “backend.” The image, video, title, price, tags, are dynamically populated with this data. A user can hover their mouse over a product to see an autoplay youtube trailer for the product. A user may add items to the cart via cookies. Up to six tags are displayed due to size restrictions of a game tile. Clicking the title will navigate the user to the main product page. The games with larger titles are displayed with a smaller text to prevent game tile distortion.
- A user can add a game ONCE to the cart. This is immersive as these games are digital. We may implement a “gift this to a friend” feature.
- Not all games have an individual product page! The completed games include DiRT Rally 2.0, TIS-100, Freespace 2, Euro Truck Simulator 2, FTL: Faster Than Light, and Among Us.
- A navbar with dynamically populated checkboxes (up until Specials). Clicking the text next to the checkbox will toggle the checkbox on or off.
- a new footer with a WIP chat feature on the bottom right.

A functional cart with data pulled from the “database.” Users can add items and remove items from the cart. The View Item will take users to the cart. It is a WIP--the tiles should stretch the page, for now this has been solved with a scroll bar (engineering duct tape activated). The items can be removed in any order and the items are dynamically displayed on this page.

- Only works with the following games, as the rest of the game lack data to populate their game tiles in the cart. This will be fixed when we have a backend. Given the amount of data required on our “backend” it is reasonable to not expect all 12 games to be added to the cart. See the “backend” for reference.
  - DiRT Rally 2.0
  - TIS-100
  - Freespace 2
  - Euro Truck Simulator 2
  - FTL: Faster Than Light
  - Among US

Wishlist Page: WIP -- indented have drag and drop products displayed on a page. In order to do this, we decided to make each wishlist box a grid and give each one a unique ID. Then, we made sure every grid had the draggable tag so that the browser would let the user drag the item. Next, we had to make sure that each grid was inside another div which we called a "container". Each container would hold a draggable grid so that we could drag and drop these grids into different containers. After this, we had to make a javascript file which had a couple of functions which made sure the user could pick up and drag an item into another container and then swap the two elements.

Chatbot: On the footer for the home page, the user is able to view a little live chat feature. This helps the user if they have any specific questions regarding products, returns, etc. The chatbot is currently in progress but in the future, we plan on it being fully functional and giving proper responses to the user depending on the user's message.

- This is WIP. It is accessible on the main homepage via the bottom right "Chat with us!" button.
- Closable with the X on the upper right
- After sending a message, an "agent" will respond. This is WIP.

Timer: accessible as "Timer.html." Not included in our main project yet. The timer is configurable in the script written inside of the HTML file. We have to move it to an external JS file and plan to use it on the homepage and individual product pages.

## **Problems we had:**

Wishlist Page: Our team ran into a couple issues when implementing the wishlist. One problem we ran into immediately was that we were worried that there was no way to implement our drag and drop feature. However, we ended up figuring out a way to implement this without using any APIs or libraries. Next, another problem we had encountered was that we could drag and drop grid boxes into containers, but we wanted to be able to swap them. After learning about drag and drop from w3 schools and stack overflow, I was able to fix these issues.

Spending too much time on the individual product page.

Working with the drag and drop code and getting rid of the uni-product stored in the cart.

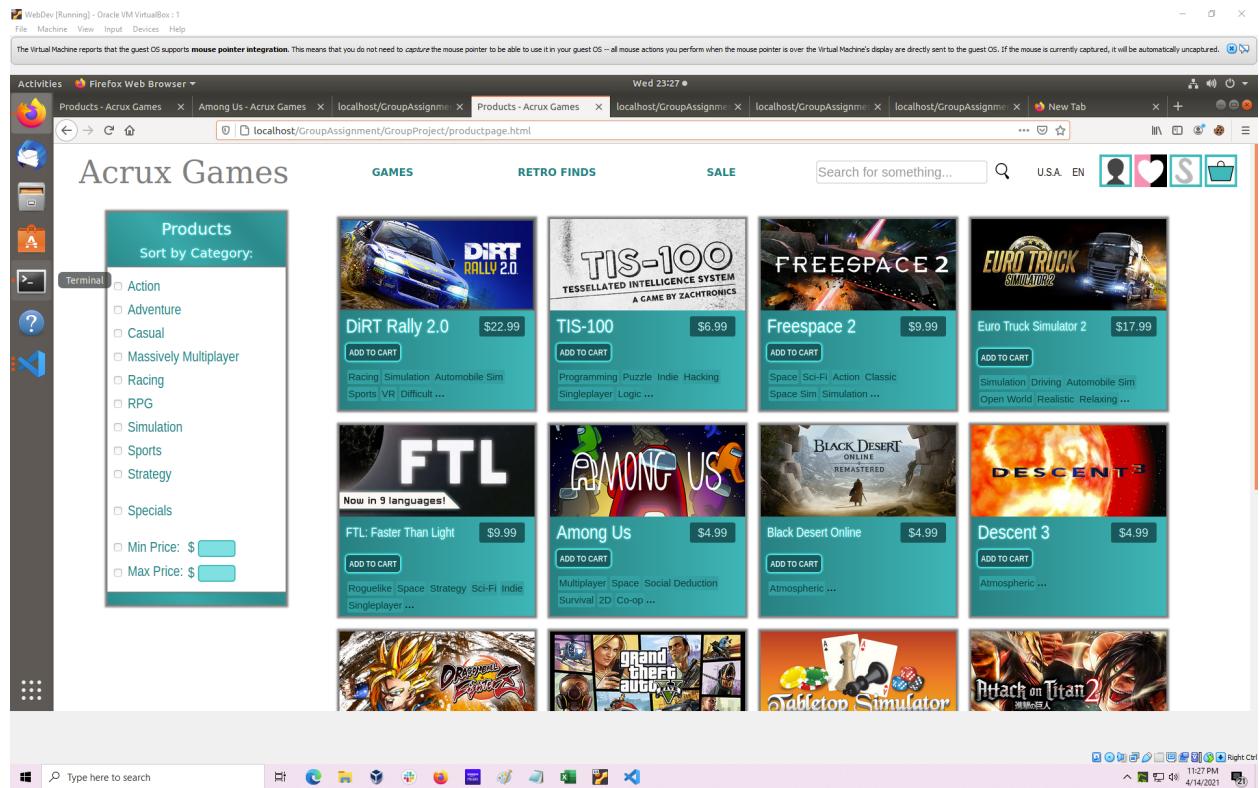
The cookies, thank you for helping us Professor Bierman! You saved me hours.

## **Advice:**

- Do not spend large amounts of time on too many extra features.

## Screenshots:

### New Homepage



New individual product page, featuring a newly-added game page for Freespace 2, a childhood game for Georgina.

Note that the game is NOT on sale.

Firefox Web Browser - Wed 23:28 •

The Virtual Machine reports that the guest OS supports mouse pointer integration. This means that you do not need to capture the mouse pointer to be able to use it in your guest OS -- all mouse actions you perform when the mouse pointer is over the Virtual Machine's display are directly sent to the guest OS. If the mouse is currently captured, it will be automatically uncaptured.

Activities Firefox Web Browser ▾ Products - Acru Games Among Us - Acru Games localhost/GroupAssignment... Freespace 2 - Acru Games localhost/GroupAssignment... localhost/GroupAssignment... localhost/GroupAssignment... localhost/GroupAssignment... New Tab

File Machine View Input Devices Help

localhost/GroupAssignment/GroupProject/product\_pages/games/Freespace2.html

GAMES RETRO FINDS SALE Search for something... U.S.A. EN

## Acrux Games

Freespace 2 - Intro Cinematic Watch later Share

THIRTY-TWO YEARS LATER

Watch on YouTube

FREESPACE 2

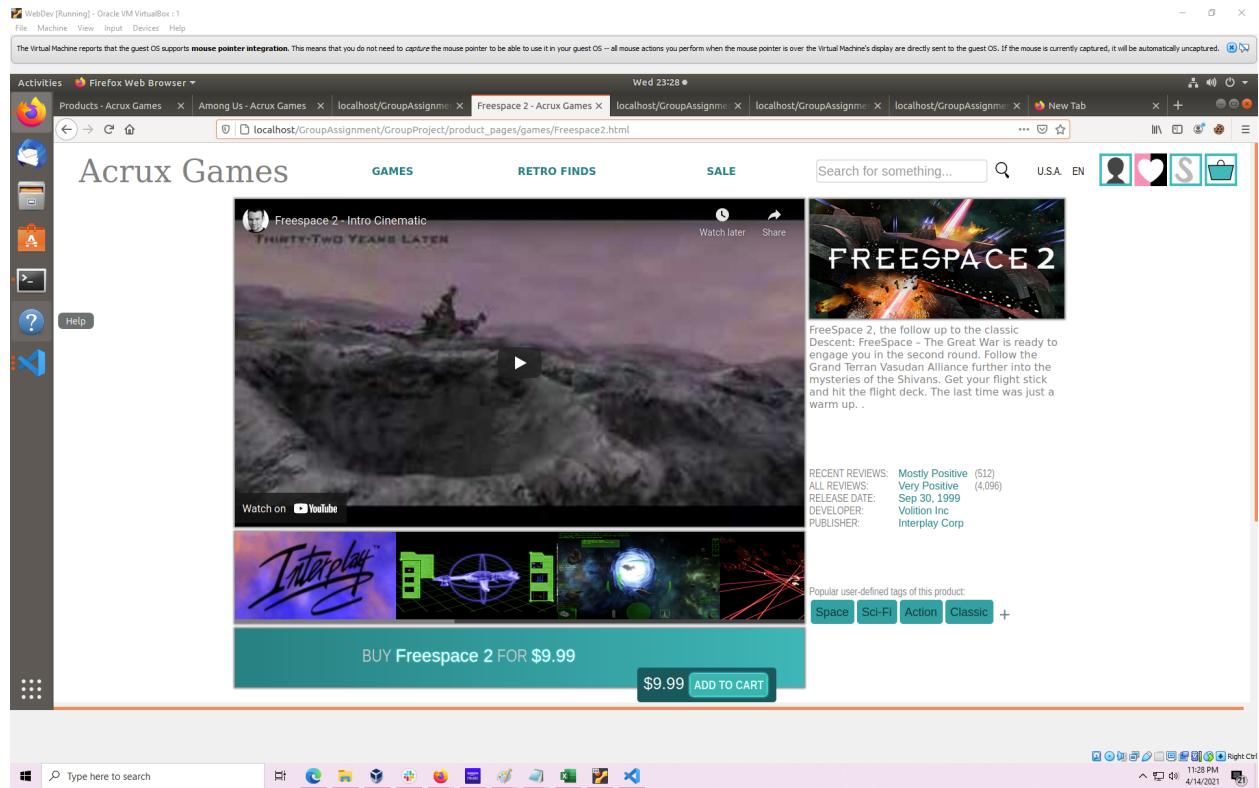
Freespace 2, the follow up to the classic Descent: FreeSpace - The Great War is ready to engage you in the second round. Follow the Grand Terran Vasudan Alliance further into the mysteries of the Shivas. Get your flight stick and hit the flight deck. The last time was just a warm up..

RECENT REVIEWS: [Mostly Positive](#) (512)  
ALL REVIEWS: [Very Positive](#) (4,096)  
RELEASE DATE: Sep 30, 1999  
DEVELOPER: Volition Inc  
PUBLISHER: Interplay Corp

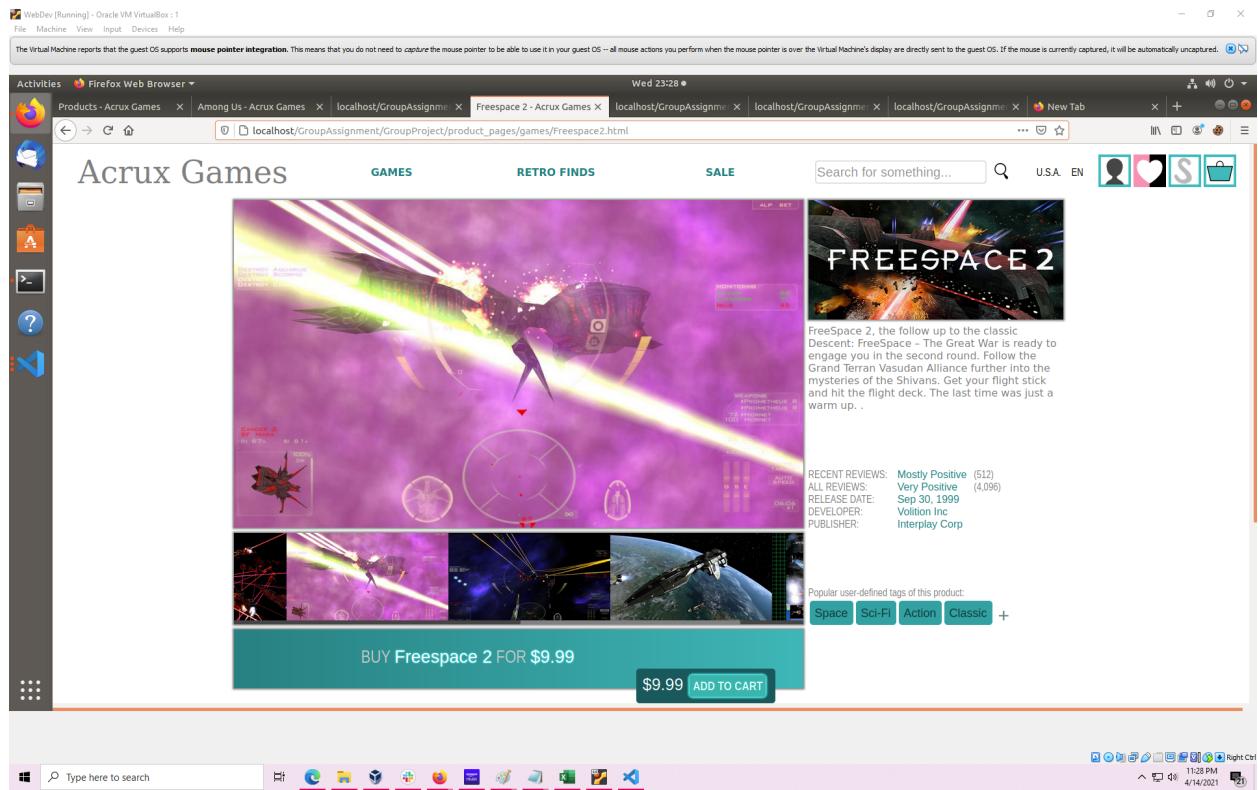
Popular user-defined tags of this product:  
[Space](#) [Sci-Fi](#) [Action](#) [Classic](#) +

BUY Freespace 2 FOR \$9.99 \$9.99

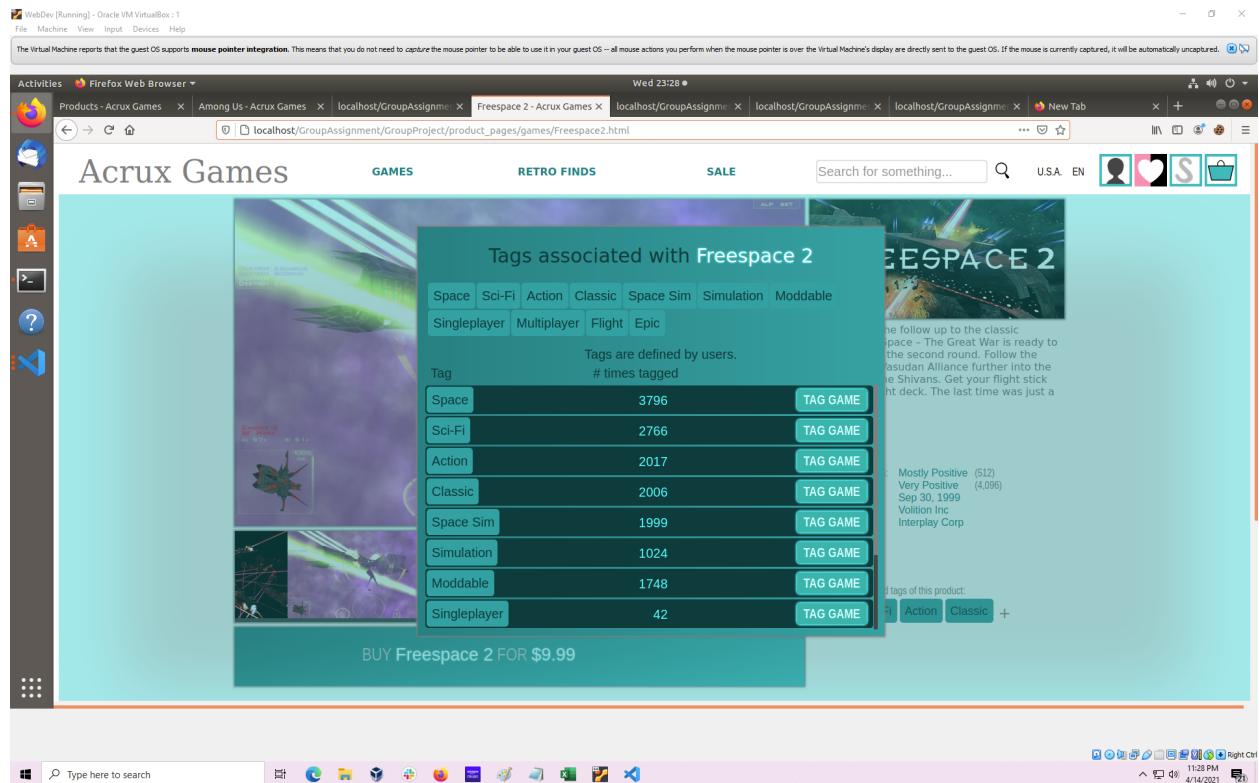
Windows Type here to search 11:28 PM 4/14/2021 Right Ctrl



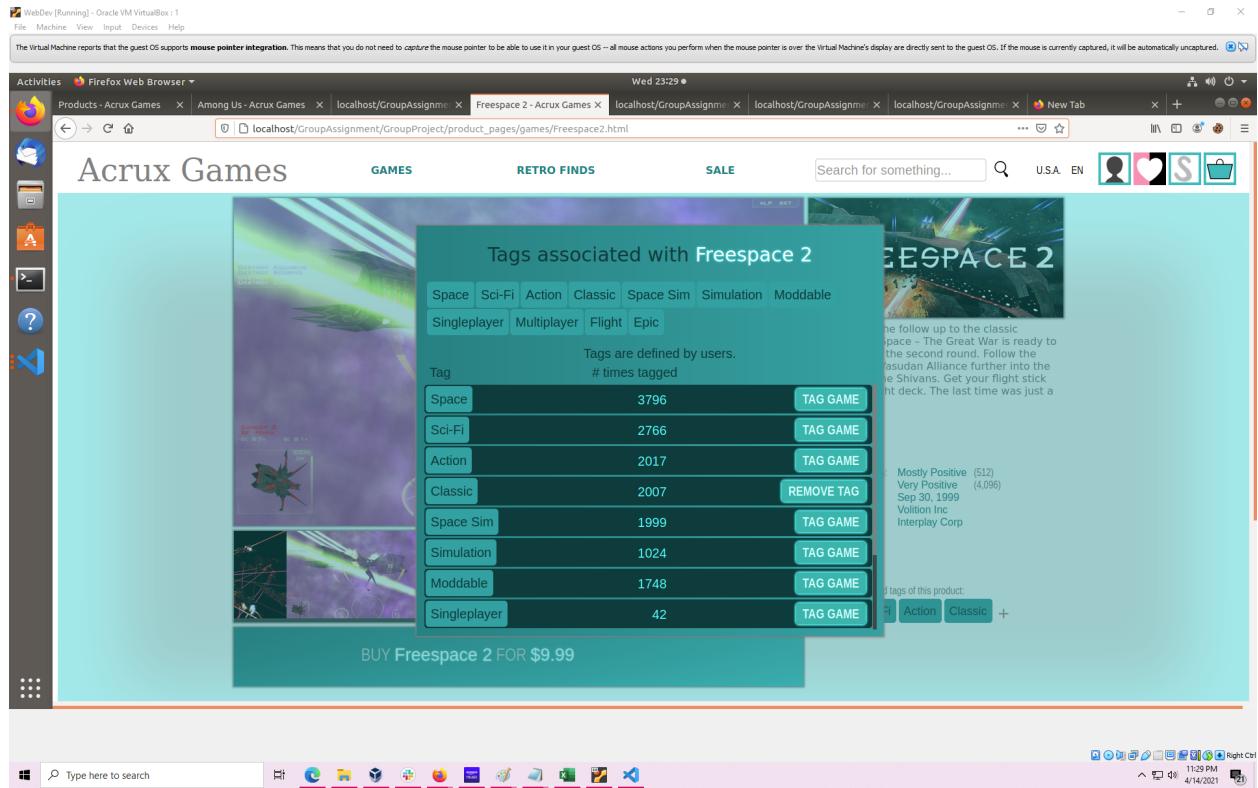
Selected an image on the sidebar--the horizontal scroll bar on the bottom of the big window on the left.



Modal window activated when pressing the + button on the right of the tags (left side of the product page)



Modal window -- note the REMOVE TAG button change. Dynamically changed the number next to the tag!



Want the game to be on sale? Toggle the boolean. Now it is 50% off.

Hard refresh, F5... ta da

A screenshot of a Firefox browser window titled "Activities Firefox Web Browser". The address bar shows the URL "localhost/GroupAssignment/GroupProject/product\_pages/games/Freespace2.html". The main content area features a large video player showing a cinematic trailer for "Freespace 2 - Intro Cinematic" with the subtitle "THIRTY-TWO YEARS LATER". Below the video is a "Watch on YouTube" button. To the right of the video is a thumbnail for "FREESPACE 2" with the text: "FreeSpace 2, the follow-up to the classic Descent: FreeSpace – The Great War is ready to engage you in the second round. Follow the Grand Terran Vasudan Alliance further into the mysteries of the Shivans. Get your flight stick and hit the flight deck. The last time was just a warm up.. ." Below the thumbnail are sections for "RECENT REVIEWS", "ALL REVIEWS", "RELEASE DATE", "DEVELOPER", and "PUBLISHER". At the bottom of the page is a teal-colored button with the text "BUY Freespace 2 FOR \$9.99 \$5.00" and a green "ADD TO CART" button.

Shopping cart -- WIP. Populating when adding a product through the main page. Note the cookies.

The Virtual Machine reports that the guest OS supports mouse pointer integration. This means that you do not need to capture the mouse pointer to be able to use it in your guest OS -- all mouse actions you perform when the mouse pointer is over the Virtual Machine's display are directly sent to the guest OS. If the mouse is currently captured, it will be automatically uncaptured.

Activities Firefox Web Browser \* Wed 23:32 \*

Products - Acrux Games Among Us - Acrux Games localhost/GroupAssignment Shopping Bag - Acrux Games localhost/GroupAssignment localhost/GroupAssignment localhost/GroupAssignment localhost/GroupAssignment localhost/GroupAssignment New Tab

localhost/GroupAssignment/GroupProject/ShoppingCart.html

Acrux Games GAMES RETRO FINDS SALE Search for something

### Shopping Bag

	<b>DiRT Rally 2.0</b>	<b>VIEW ITEM</b>	<b>REMOVE ITEM</b>
ALL REVIEWS: Very Positive RELEASED: Feb 25, 2019 PRICE: \$22.99 DATE ADDED: 4/11/2021			
	<b>TIS-100</b>	<b>VIEW ITEM</b>	<b>REMOVE ITEM</b>
ALL REVIEWS: Very Positive RELEASED: Jul 20, 2015 PRICE: \$6.99 DATE ADDED: 4/11/2021			
	<b>FTL: Faster Than Light</b>	<b>VIEW ITEM</b>	<b>REMOVE ITEM</b>
<a href="#">Continue to the Payment Page</a>			

OUR STORE CLIENT SERVICES CONTACT US NEWSLETTER CONNECT

Cookie Editor Show Advanced

- Item0
- Item1
  - Name: Item1
  - Value: TIS100
- Item2
- Item3
- num\_products\_cart

Type here to search

11:32 PM 4/14/2021 Right Ctrl

After removing TIS-100, note the cookies. Dynamically displayed.

The Virtual Machine reports that the guest OS supports mouse pointer integration. This means that you do not need to capture the mouse pointer to be able to use it in your guest OS -- all mouse actions you perform when the mouse pointer is over the Virtual Machine's display are directly sent to the guest OS. If the mouse is currently captured, it will be automatically uncaptured.

Activities Firefox Web Browser \* Wed 23:32 \*

Products - Acrux Games Among Us - Acrux Games localhost/GroupAssignment Shopping Bag - Acrux Games localhost/GroupAssignment localhost/GroupAssignment localhost/GroupAssignment localhost/GroupAssignment localhost/GroupAssignment New Tab

localhost/GroupAssignment/GroupProject/ShoppingCart.html

Acrux Games GAMES RETRO FINDS SALE Search for something

### Shopping Bag

	<b>DiRT Rally 2.0</b>	<b>VIEW ITEM</b>	<b>REMOVE ITEM</b>
ALL REVIEWS: Very Positive RELEASED: Feb 25, 2019 PRICE: \$22.99 DATE ADDED: 4/11/2021			
	<b>FTL: Faster Than Light</b>	<b>VIEW ITEM</b>	<b>REMOVE ITEM</b>
ALL REVIEWS: Overwhelmingly Positive RELEASED: Sep 14, 2012 PRICE: \$9.99			
	<b>Freespace 2</b>	<b>VIEW ITEM</b>	<b>REMOVE ITEM</b>
<a href="#">Continue to the Payment Page</a>			

OUR STORE CLIENT SERVICES CONTACT US NEWSLETTER CONNECT

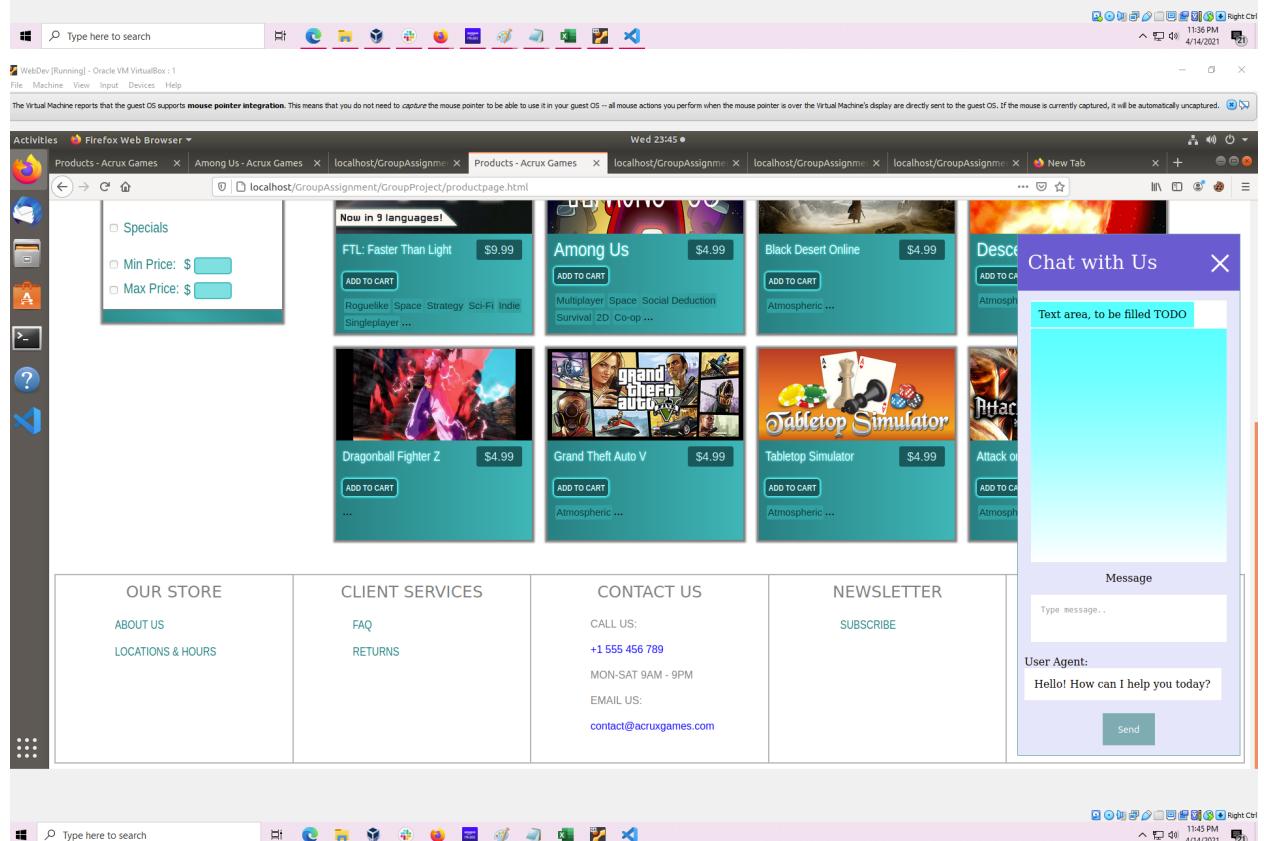
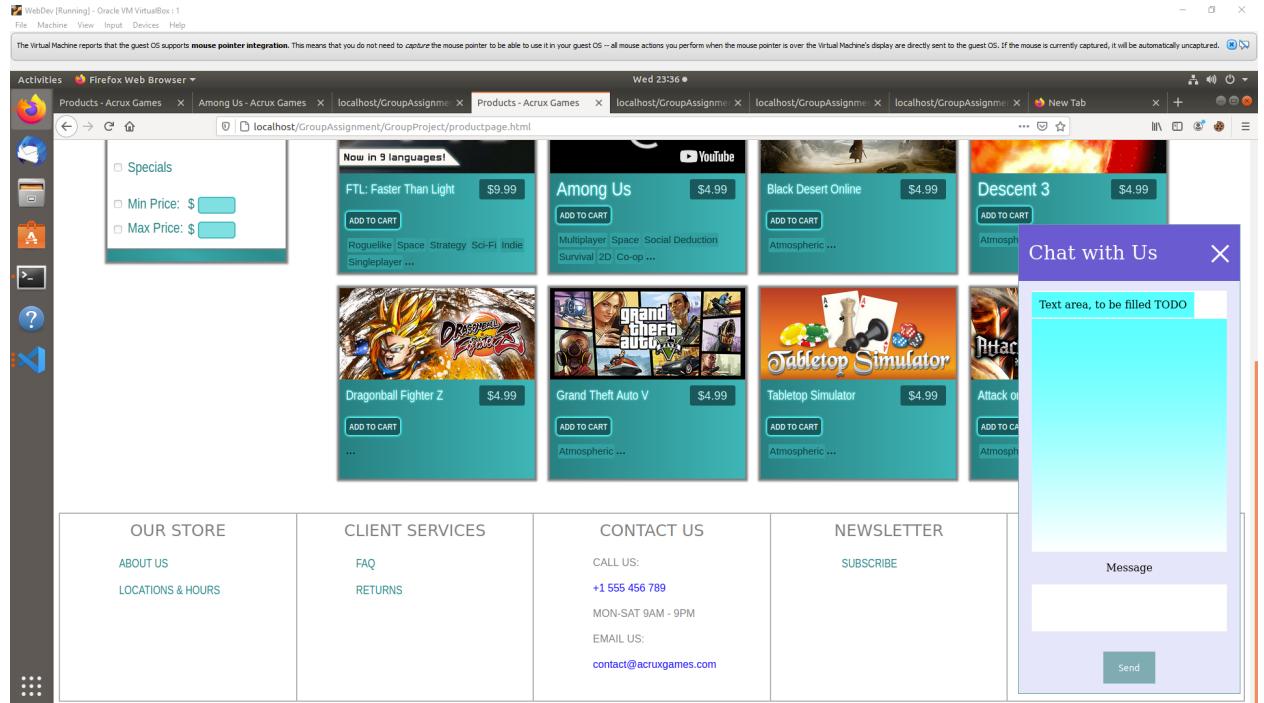
Cookie Editor Show Advanced

- Item0
- Item2
- Item3
- num\_products\_cart

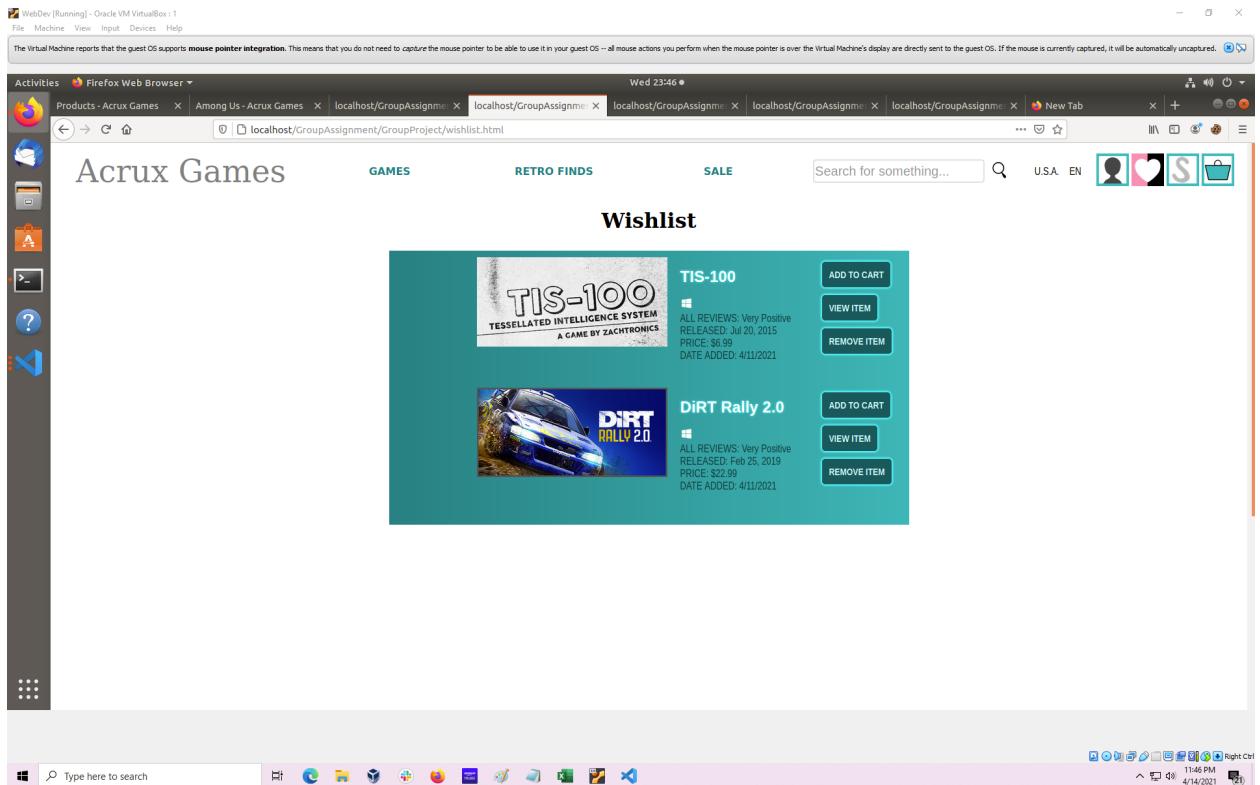
Type here to search

11:32 PM 4/14/2021 Right Ctrl

## Chat window WIP



## WishList: WIP



Timer: WIP. See the Timer.html file for full context.

To set the timer (string search it)

```
var countDownDate = new Date("April 20, 2021 10:00:00").getTime();
var myfunc = setInterval(function() {
```

The timer page: displays the info.

