UBC Pay-To-Win Report

Maxim Storozhuk, Lakshay Dang

Link to GitHub: https://github.com/danglakshay/cosc304_project

Homepage will be: http://localhost/shop/listprod.jsp

(Can just create a new account easily instead of using sample user)

Sample User Username: maximstorozhuk

Sample User Password: maximstorozhuk

Sample Admin Username: maximadmin

Sample Admin Password: maximstorozhuk

Mission Statement:

University course office hours frequently encounter the familiar issue observed at crowded public restrooms during events—easy accessibility resulting in lengthy queues and a diminished sense of personalized assistance. Fortunately, at Pay-To-Win, we've devised a straightforward remedy. When genuine assistance or timely lab marking is paramount, investing in these services becomes a logical choice. Our user-friendly booking system ensures a seamless process, with the added convenience of securely storing your credit card information for hassle-free transactions.

Executive Summary:

Every great idea starts with an inspiration, and one of our founders, Maxim, took it from a first year economics course. While he was already paying $600 along with university fees to take the course, he was also slapped with a $150 bill to buy an online service where assignments would be completed. He did not see this as a burden, but as an inspiration. If $150 could be charged for a service that could easily be found for free, then there were much easier ways to take money from university students. That was where the groundwork for Pay-To-Win was hatched.

Pay-To-Win is an easy-to-use portal for booking office hours with university professors. Recognizing the inefficiencies and unnecessary costs associated with existing systems, Pay-To-Win aims to streamline the process, offering a solution

that ensures the money goes straight into the bank account of instructors, rather than indirectly through a third-party. By creating unnecessary fees for accessing educational resources, Pay-To-Win not only diminishes the overall learning experience but also contributes to reducing financial burdens on instructors.

Our platform prioritizes accessibility, providing a centralized hub for students to schedule one-on-one sessions with professors and TAs, fostering a more personalized learning environment, which could also be described as "pay-to-win." Our innovative approach not only siphons more of students' money but also facilitates meaningful connections between educators and learners, with professors taking a liking to students who help line their pockets. Overall, Pay-To-Win will be a beneficial service to help poor universities make more money by incentivizing students into spending more money.

Final Overall System Features	Category	Possible Points	Points	Comments / Code Files
Documentation (15 total points)				
Executive Summary (up to 1 page)	Core	2	2	In this document
System Features (2 pages)	Core	2	2	In this document
List of Web and AI sources used	Core	3	3	In this document
Walkthrough with screenshots (up to 15 pages)	Core	8	8	In this document
Hosting (10 total points)				
Running on cloud server	Advanced	10	x	

Main/Home Page (up to 14 total points)				
Search for a product by name	Core	1	1	listprod.jsp
Browse products by category	Core	1	1	listprod.jsp
List products (by search/browse)	Core	1	1	listprod.jsp
List products with image	Core	1	1	listprod.jsp
Page header with menu	Basic	1	1	On all pages
Page header shows current logged in user	Basic	1	1	On all pages
Dynamic products on page based on sales	Basic	2	2	Listprod.jsp Sorting by inventory ASC
Improved UI (user-friendly, images, etc.)	Basic	2	2	Lots of css done on all pages
Product recommendation based on user	Advanced	4	4	All office hours of your most visited professor in the last 6 months will show up before all other office hours listprod.jsp
Shopping Cart (up to 8 total points)				
Add to shopping cart	Core	1	1	addcart.jsp
View shopping cart	Core	1	1	showcart.jsp

Update quantity (with data validation)	Basic	1	x	
Remove item from shopping cart	Basic	1	1	removeitem.jsp
Improved formatting/UI (e.g. in header bar)	Basic	1	1	showcart.jsp
Cart stored in database between sessions	Basic	3	3	Logout.jsp for storing cart in DB, initializeCart.jsp for retrieving cart from DB
Checkout (up to 9 total points)				
Checkout with customer id	Core	1	1	Showcart.jsp -> checkout.jsp
Checkout with payment/shipment info	Basic	2	x	
Checkout with data validation	Basic	2	2	Checkout.jsp order.jsp
Multiple shipments per order supported	Advanced	2	x	
Calculate taxes/shipping (by items/state)	Advanced	2	x	
Product Detail Page (up to 2 total points)				
Product detail page and item description	Core	1	1	product.jsp

Product detail has an image from database	Core	1	1	product.jsp

User Accounts/Login (up to 12 total points)				
Create user account page	Basic	2	2	customer.jsp
Create account with data validation	Basic	2	2	Login.jsp -> createaccount.jsp
Edit user account info (address, password)	Basic	2	2	Customer.jsp -> editAccount.jsp
Login/logout	Core	1	1	Login.jsp logout.jsp
Register user/Forgot password email	Advanced	4	x	
Page listing all orders for user	Core	1	1	customer.jsp
Product Reviews (up to 5 total points)				
Ability to enter a review on a product	Basic	2	2	Customer.jsp -> review.jsp -> leaveReview.jsp
Display product review on product detail page	Basic	1	1	product.jsp
Restrict to one review per user on item purchased	Advanced	2	2	review.jsp

Warehouses/Inventory (up to 5 total points)				
Display item inventory by store/warehouse	Basic	2	1	Inventory displayed, but not by store/warehouse Listprod.jsp product.jsp
Edit item inventory by store/warehouse	Advanced	3	x	
Administrator Portal (up to 19 total points)				
Secured by login	Core	1	1	adminLogin.jsp
List all customers	Core	1	1	admin.jsp
List report showing total sales/orders	Core	1	1	admin.jsp
Report with a graph	Advanced	3	x	
Add new product	Basic	2	2	admin.jsp, addProd.jsp
Update/delete product	Basic	2	2	admin.jsp, updateProd.jsp, deleteProd.jsp
Change order status/ship order	Basic	1	x	
Upload a photo to file system for product	Advanced	2	x	
OR: Upload a photo to database for product	Advanced	4	x	
Database restore with SQL script	Basic	2	x	

Add/update warehouse, customer	Basic	2	x	
Database System/General				
Implement some validation using triggers	Advanced	2	x	
Use AJAX for some pages	Advanced	4	x	
User interface and navigation/usability		Up to 5	3	Very navigable
Others (your suggestions)		Up to 5	x	We have enough marks but we could totally get more probably
Total: (out of 50 with maximum of 10 bonus marks. i.e. 60 points out of 50 is max.)			67	67/60

List of Web and AI sources used:

Picture of Abdallah Mohamed: https://cmps.ok.ubc.ca/about/contact/abdallah-mohamed/

Picture of Donovan Hare: https://www.facebook.com/ubconews/photos/donovan-hare-associate-professor-of-mathematics-shares-a-laugh-with-lisa-castle/1894716660553945/?paipv=0&eav=AfbtHftdoJUk5gmUNpngZAXBb0qWORbLJZ7h8R3_cOUgrAQvfW0FcXNe8iaExnXf2K0&_rdr

Picture of Paul Lee: Custom Made in Microsoft Paint

Picture of Yves Lucet: https://cmps.ok.ubc.ca/about/contact/yves-lucet/

Picture of Ramon Lawrence: https://cmps.ok.ubc.ca/graduate/computer-science/

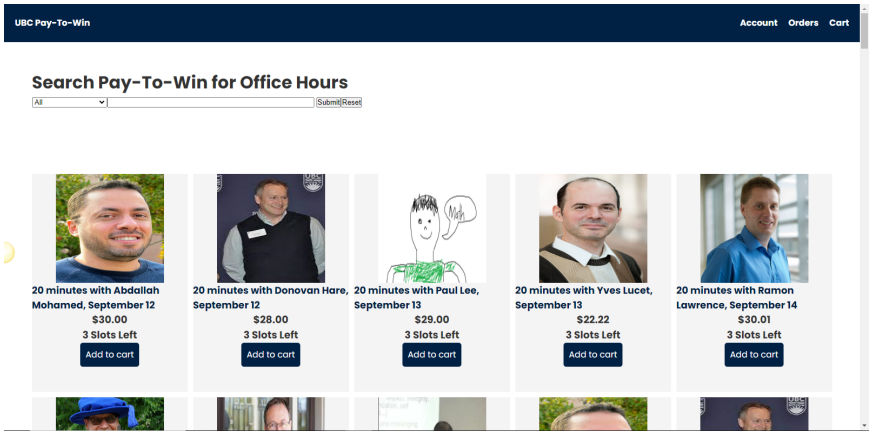
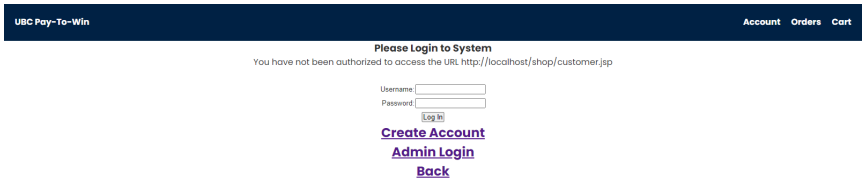
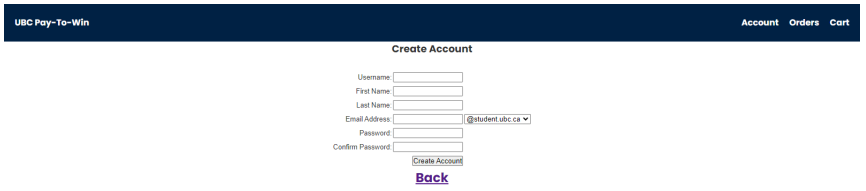
Picture of Heinz Bauschke: https://www.kelownacapnews.com/news/ubco-mathematician-wins-gold-3150090

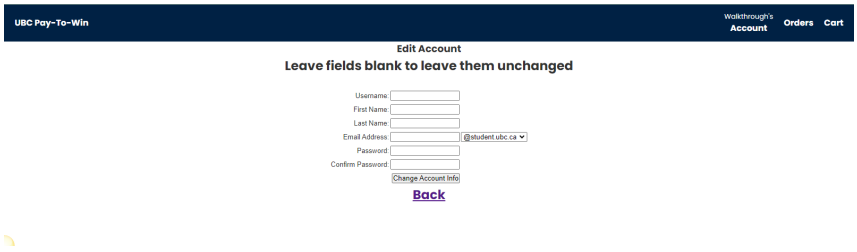
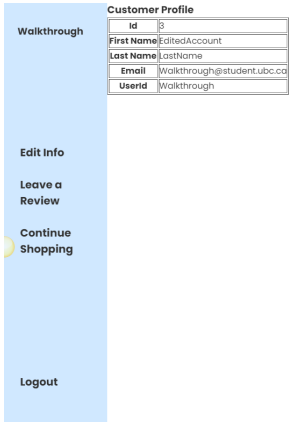
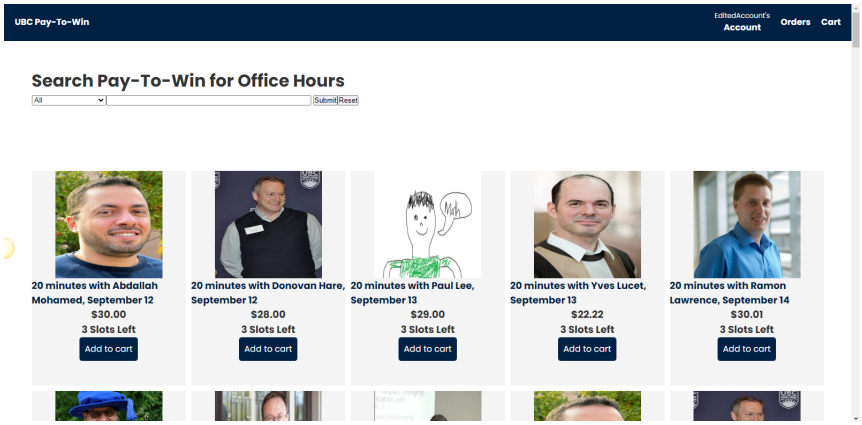
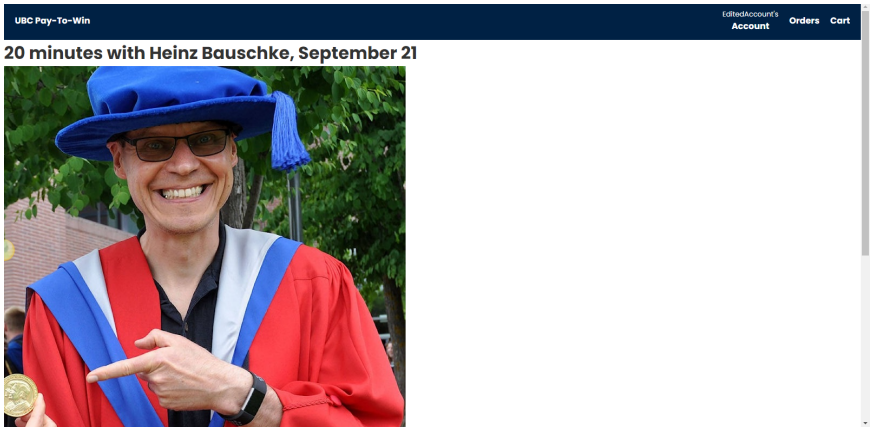
Picture of Wayne Broughton: https://waynebroughton.ca/

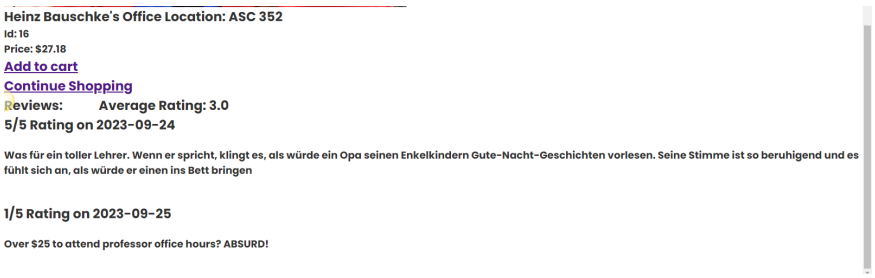
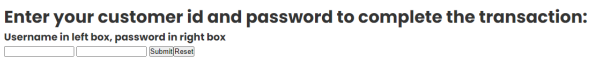
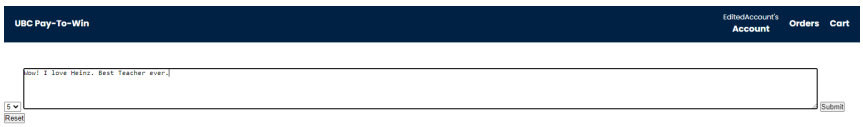
Picture of Scott Fazackerley: https://ca.linkedin.com/in/scott-fazackerley-2712641

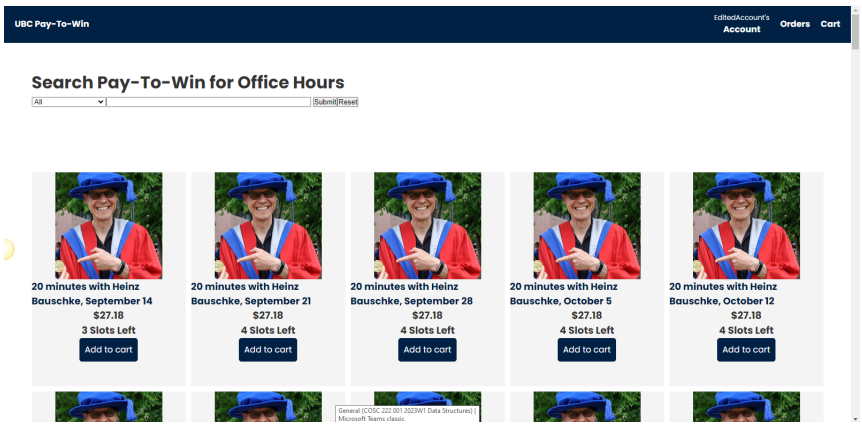
Used for Debugging, but did not explicitly copy or use code from: chat.openai.com

Walkthrough From Customer's Perspective

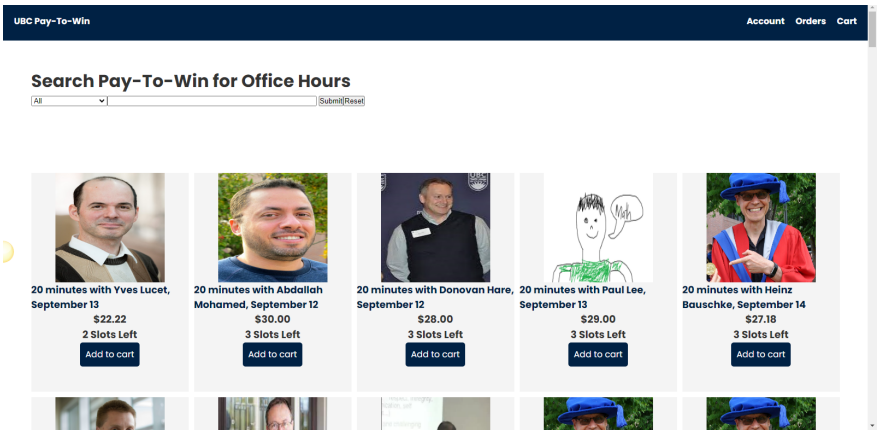
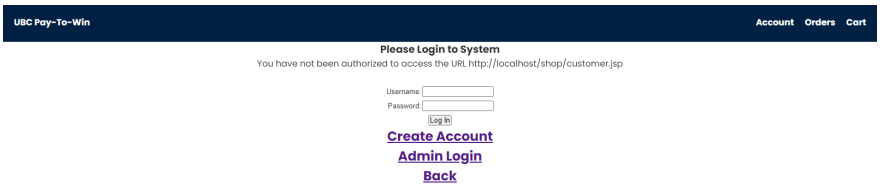
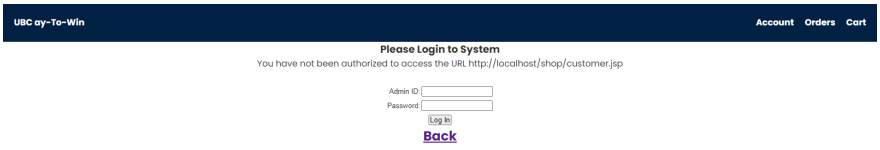
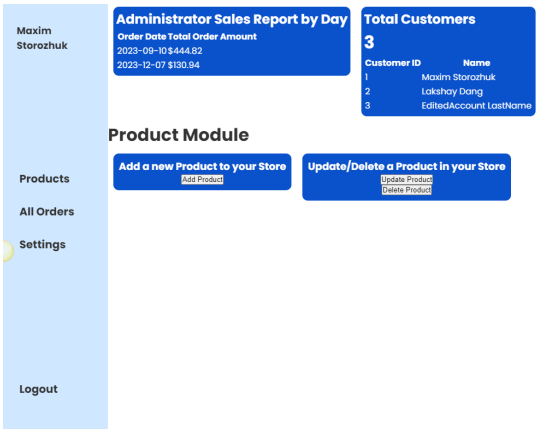
This is the home page customers will be greeted with. You can begin shopping, but you won't be able to check out. Click on account to begin the login / account creation process.	
This login page will show up when you press on account. If you have an account you can log in, and if you don't have an account, you can make one.	
The account creation page shows up when you click create account.	
You are taken to your account page. You can see all of your customer information on the page, in addition to multiple links.	

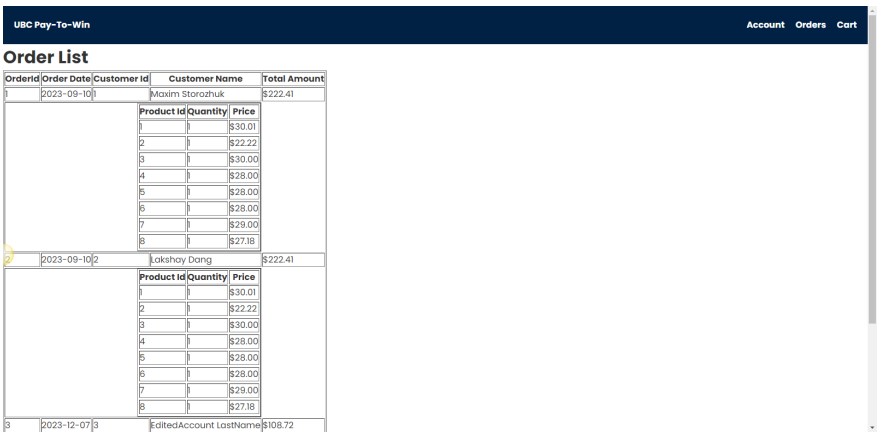
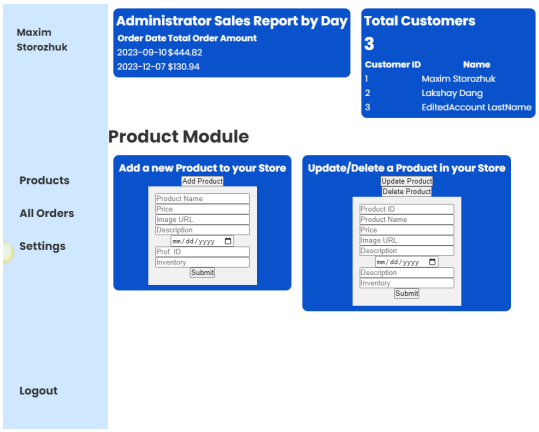
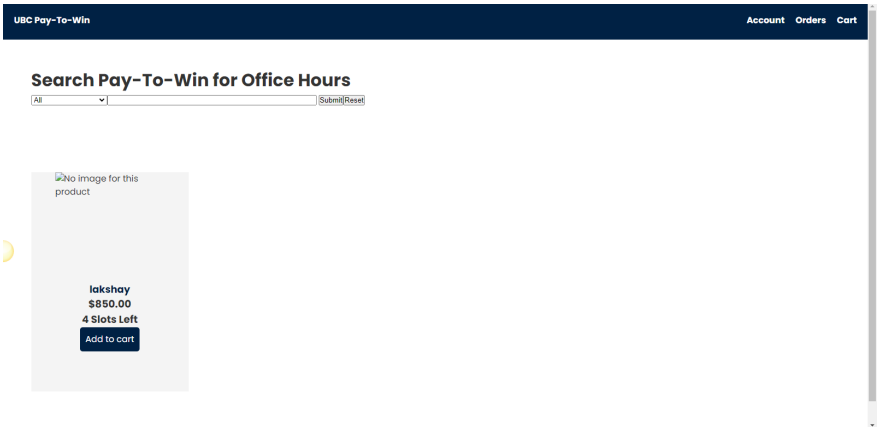
If you would like to edit your account info, that can be done by pressing “Edit Account” on your personalized customer page.	
Same as before, except changed Walkthrough Walkthrough’s name to EditedAccount EditedAccount	
Now, you can begin shopping. Click on the product for more info, click add to cart if you already know what you’re looking for.	
This page shows up when you’re looking for more info on a product. It shows the professor the office hours are with, their office location, an add to cart option, and all reviews on the professor.	

	
This page shows all items in your cart and gives you the option to check out.	
Once you click check out, you will be presented with this page. You will need to correctly enter your username and password to complete the transaction.	
Once you enter your information correctly, your completed order will be shown to you.	
Now, when you click on Leave a Review from your account page, you will have this option. You can only leave reviews on professors whose office hours you've purchased.	
You will leave a review with this page. You can select a rating out of 5 in the dropdown box on the left, leave your comment in the text box, and submit by pressing the submit button.	

The professor who you have visited most in the last six months will now show up first when browsing products. This is a recommendation based on previous purchases and will make shopping more convenient.	
The review that we just left now shows up on the professor's page!	
If you click on orders in the navigation bar on the top of the screen, you can see all of your previous orders.	

Walkthrough from Administrator Perspective

This is the home page. Click on account to begin the admin login process.	
Click on admin login to log in as an admin.	
Put in the admin username and admin password to log in as an admin.	
After logging in, this is the page you are presented with. You can see all customers listed off, sales by day, and options to view all orders on the website and add or alter products.	

This is the page that shows up after clicking on All Orders on the previous page. It lists every order that has been made on the website.	
When you click on add product or update product, a drop down form appears. You can enter information into the form to achieve the desired changes you want.	
We added a product named Lakshay that can be ordered now.