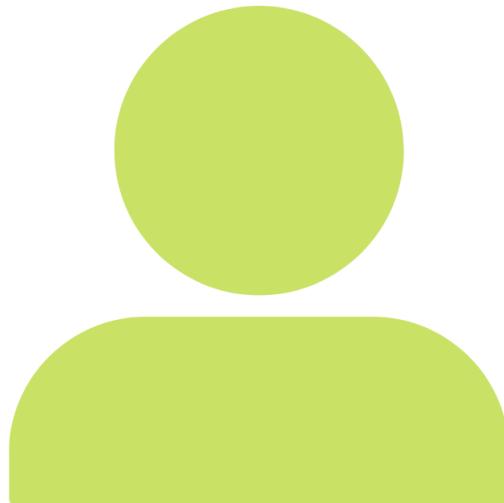


University of British Columbia Okanagan
COSC 304: Introduction to Databases

FocusBuddy

Final Product Documentation



MONTHLY SUBSCRIPTION

Introvert FocusBuddy

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1. Introduction

A. Mission Statement

It's hard to concentrate, especially if you cannot study at home and have to live in The Commons! But, then you realise that it's depressing to study by yourself, and when you do try to study with friends, you never get any work done! Introducing FocusBuddy, to ensure students have a medium to hold themselves accountable and improve their studying experience by matching them with a buddy who isn't a friend but also not a complete stranger.

B. Executive Summary

FocusBuddy is an online platform where students can buy subscriptions to a buddy system, but academically and professionally. Users are given the option to choose the duration of their subscription and the type of people they'd be set up with. Once they choose a tier, we match them with someone who has chosen their personality type, introvert or extrovert. This way, students can have productive study sessions. If an extrovert were to choose a session with an introvert, they would be forced to sit and study as their buddy would not engage in random conversation with them. If an introverted student wanted to have a session with an extrovert, the pressure of being around someone who wants to start a conversation would spur them to study more and be more productive.

FocusBuddy has been proven to work based on multiple studies conducted by experts from leading universities around the world. Finding a FocusBuddy boosts productivity by 84% and increases the average letter grade of a student by one whole level!

Credentials

Username: beth

Password: test

2. System Features

Final Overall System Features	Category	Possible Points	Points	Comments / Code Files
Documentation (10 total points)				
Executive Summary (up to 1 page)	Core	2	2	
System Features (2 pages)	Core	2	2	
Walkthrough with screenshots (up to 15 pages)	Core	6	6	
Hosting (10 total points)				
Running on cloud server	Advanced	10	10	Click and download form: https://orange-flow-0a3b1fc1e.2.azurestaticapps.net/ WebApp with TomCat form: https://focusbuddy.azurewebsites.net/
Main/Home Page (up to 14 total points)				
Search for a product by name	Core	1	1	http://localhost/shop/listprod.jsp
Browse products by category	Core	1	1	http://localhost/shop/listprod.jsp
List products (by search/browse)	Core	1	1	http://localhost/shop/listprod.jsp
List products with image	Core	1	1	http://localhost/shop/listprod.jsp

Page header with menu	Basic	1	1	http://localhost/shop/index.jsp
Page header shows current logged in user	Basic	1	1	http://localhost/shop/index.jsp
Dynamic products on page based on sales	Basic	2	-	
Improved UI (user-friendly, images, etc.)	Basic	2	2	http://localhost/shop/index.jsp
Product recommendation based on user	Advanced	4	-	
Shopping Cart (up to 8 total points)				
Add to shopping cart	Core	1	1	http://localhost/shop/listprod.jsp
View shopping cart	Core	1	1	http://localhost/shop/showcart.jsp
Update quantity (with data validation)	Basic	1	-	
Remove item from shopping cart	Basic	1	-	
Improved formatting/UI (e.g. in header bar)	Basic	1	1	http://localhost/shop/showcart.jsp
Cart stored in database between sessions	Basic	3	-	
Checkout (up to 9 total points)				
Checkout with customer id	Core	1	1	http://localhost/shop/checkout.jsp
Checkout with payment/shipment info	Basic	2	1	http://localhost/shop/checkout.jsp
Checkout with data validation	Basic	2	-	

Multiple shipments per order supported	Advanced	2	-	Note: Requires DB change.
Calculate taxes/shipping (by items/state)	Advanced	2	-	Note: Requires DB change.
Product Detail Page (up to 2 total points)				
Product detail page and item description	Core	1	1	http://localhost/shop/product.jsp?id=1
Product detail has an image from database	Core	1	1	http://localhost/shop/product.jsp?id=1

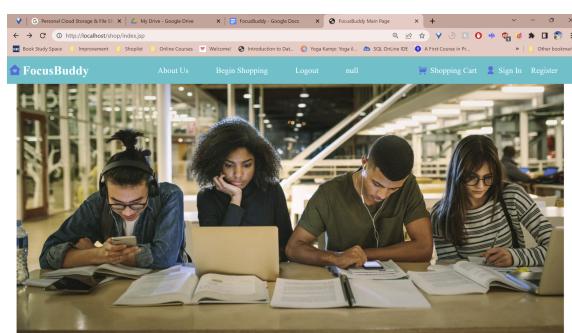
User Accounts/Login (up to 12 total points)				
Create user account page	Basic	2	2	http://localhost/shop/signup.jsp
Create account with data validation	Basic	2	2	http://localhost/shop/signup.jsp
Edit user account info (address, password)	Basic	2	2	http://localhost/shop/edit.jsp
Login/logout	Core	1	1	http://localhost/shop/index.jsp
Register user/Forgot password email	Advanced	4	-	
Page listing all orders for user	Core	1	1	http://localhost/shop/listorder.jsp
Product Reviews (up to 5 total points)				
Ability to enter a review on a product	Basic	2	-	

Display product review on product detail page	Basic	1	-	
Restrict to one review per user on item purchased	Advanced	2	-	
Warehouses/Inventory (up to 5 total points)				
Display item inventory by store/warehouse	Basic	2	-	
Edit item inventory by store/warehouse	Advanced	3	-	
Administrator Portal (up to 19 total points)				
Secured by login	Core	1	1	http://localhost/shop/admin.jsp
List all customers	Core	1	1	http://localhost/shop/admin.jsp
List report showing total sales/orders	Core	1	1	http://localhost/shop/admin.jsp
Report with a graph	Advanced	3	-	
Add new product	Basic	2	2	http://localhost/shop/admin.jsp
Update/delete product	Basic	2	2	http://localhost/shop/admin.jsp
Change order status/ship order	Basic	1	-	
Upload a photo to file system for product	Advanced	2	-	
OR: Upload a photo to database for product	Advanced	4	-	
Database restore with SQL script	Basic	2	-	
Add/update warehouse, customer	Basic	2	-	

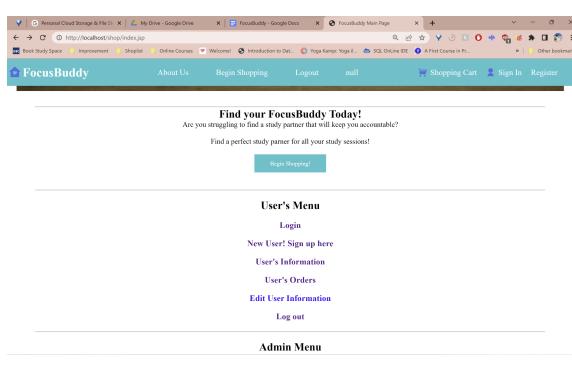
Database System/General				
Implement some validation using triggers	Advanced	2	-	
Use AJAX for some pages	Advanced	4	-	
User interface and navigation/usability		Up to 5	5	improved UI for every other page and navigation between pages are smooth
<i>Others (your suggestions)</i>		Up to 5	5	About Us and Contact Page http://localhost/shop/aboutUs.html Responsiveness - shown in screenshots below
Total: (out of 50 with maximum of 10 bonus marks. i.e. 60 points out of 50 is max.)			60	

3. Project Walkthrough

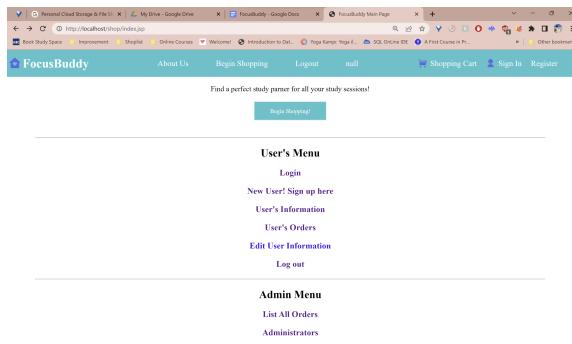
Home Page and About Us



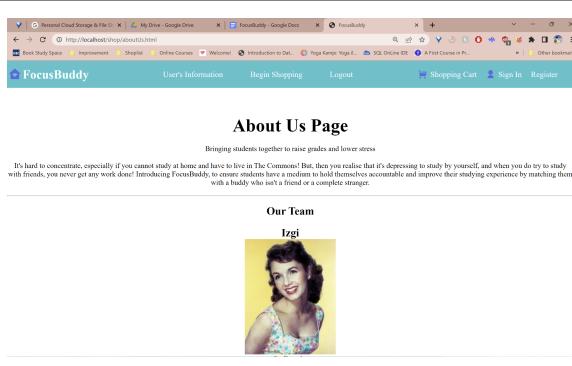
Improved ui and header



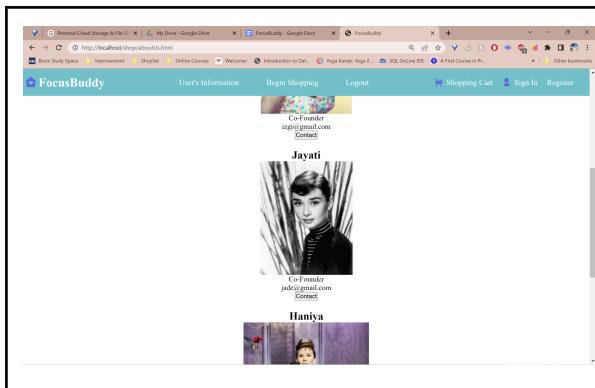
Menu showing all functions



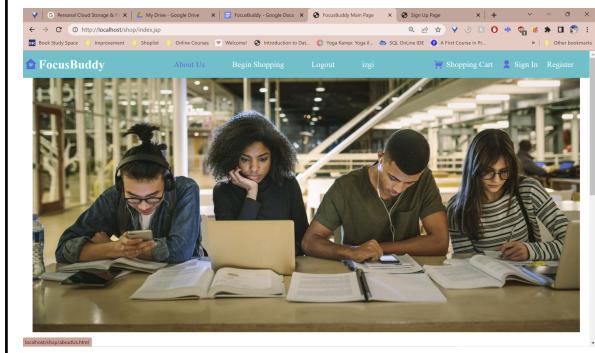
Menu continued



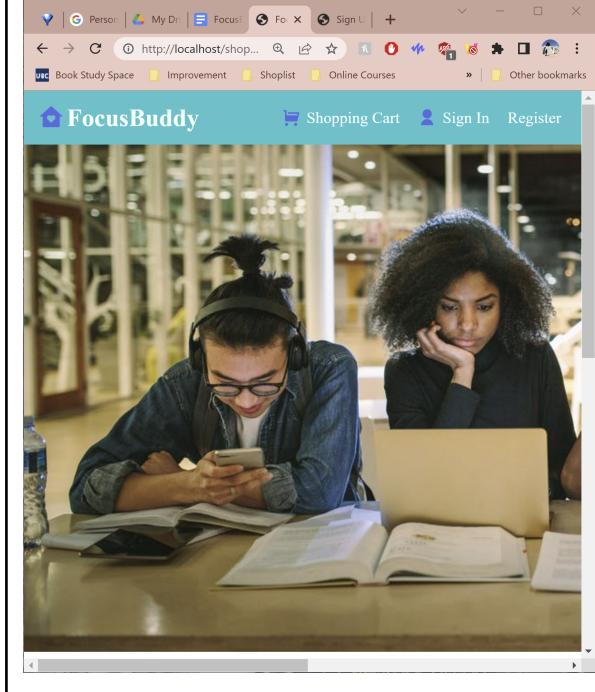
About us page displaying all team members with VERY accurate pictures



About us continued



Responsiveness - website sustains functionality even when window size decreases



Customer Login, Sign-up and Information

A screenshot of a web browser window. The address bar shows the URL "http://localhost/shop/login.jsp". The page content is titled "Welcome to FocusBuddy!" and contains a "Please Login to System" form with fields for Username and Password, and a "Log In" button.

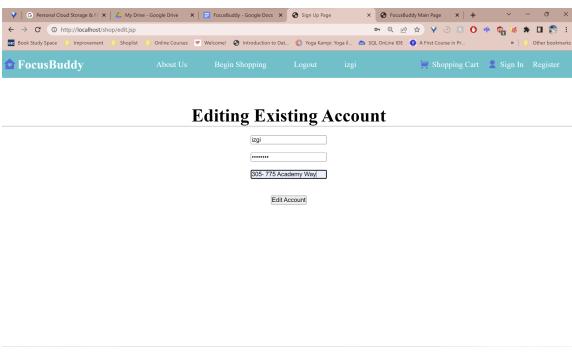
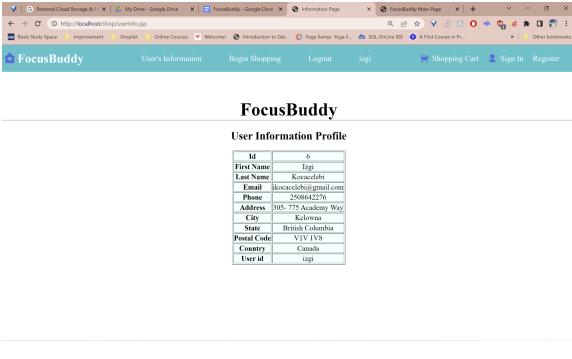
Login page with validation

User information profile which only displays once user is logged in

**Create new account page
allows users to create a new
account, validated by them
entering all fields**

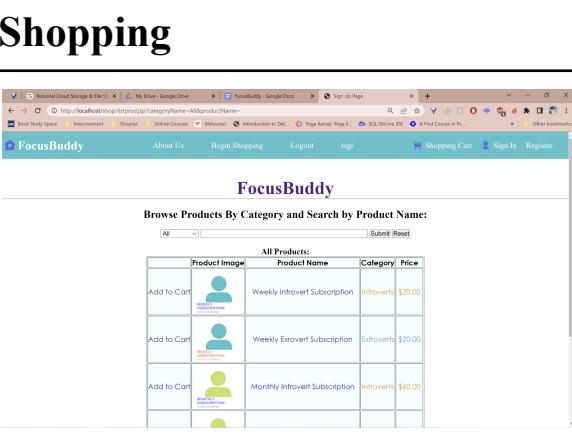
FocusBuddy		User Information	Begin Shopping	Login	Logout	Shopping Cart	Sign In	Register
FocusBuddy								
User Information Profile								
ID	6							
First Name	Igor							
Last Name	Koenigleb							
Email	ikocraeteb@gmail.com							
Phone	2506602276							
Address	3200 University Street, Room 2010							
City	Kelowna							
State	British Columbia							
Postal Code	V1V 1V8							
Country	Canada							
User ID	iug							

Allows you to edit your account by changing your password in case you forgot it

Shopping

List product page displays all products with images



Product Image	Product Name	Category	Price
	Weekly Introvert Subscription	Introverts	\$20.00
	Weekly Extrovert Subscription	Extroverts	\$20.00
	Monthly Introvert Subscription	Introverts	\$40.00

Product Image	Product Name	Category	Price
	Weekly Introvert Subscription	Introverts	\$20.00
	Monthly Introvert Subscription	Introverts	\$60.00
	Term Long Introvert Subscription	Introverts	\$220.00

You can search for an item and also sort by category

Product Image	Product Name	Category	Price
	Weekly Introvert Subscription	Introverts	\$20.00
	Weekly Extrovert Subscription	Extroverts	\$20.00

Remove	Product Name	Image	Quantity	Price	Subtotal
	Weekly Introvert Subscription		1	\$20.00	\$20.00

Order Total: \$20.00

[Proceed To Check Out](#) [Continue Shopping](#)

Shopping cart shows the items you have in your cart

Enter your customer id to complete the transaction:

checkout with customer id: [Submit/Reset](#)

checkout with payment/shipment info: [Submit/Reset](#)

Customer id validation to complete the transaction, and order summary shows all the items a particular user has ordered

Your Order Summary

Product Id	Product Name	Quantity	Price	Subtotal
Order Total	Weekly Introvert Subscription	1	\$20.00	\$20.00

Order completed. Will be shipped soon...
Your order reference number is: 6
Shipping to customer: & Name: Izgi Kocacelebi

[Continue Shopping](#)

Battery saver
 Battery saver is on
 Consider plugging in your device.

Administrators

Admin Roles

- Add New Product
- Delete Product
- Update Product

Current Customers

Arnold Anderson
Bobby Brown
Candice Cole
Darren Doe
Elizabeth Elliott
Isha Koushik

Administrator Sales Report by Day

Order Date/Total Order Amount
2019-10-15 \$309.10
2019-10-16 \$175.75
2019-10-17 \$327.85
2022-12-10 \$20.00

Admin page allows you to add a new product, delete a product, update a product, shows a list of current customers and admin sales reports

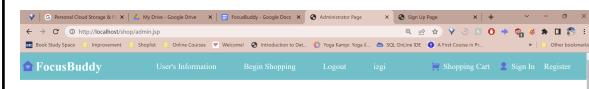
Admin Roles

- Add New Product
- Delete Product
- Update Product

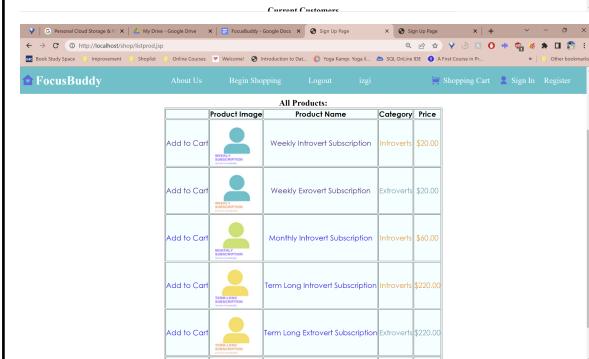
Current Customers

Arnold Anderson
Bobby Brown
Candice Cole
Darren Doe
Elizabeth Elliott
Isha Koushik

Adding a product adds it to the list product page as shown



Delete product - deleted Monthly Extrovert Subscription



Update product

