



Project Report

CSE 311L (Database Management System)

Section 3

Fall 2022

Project Topic: PlayStation Network Database System

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Introduction:

A PlayStation Network Database System is made where users can sign up, login and view the games available in the store, the subscription plans available for the users and the types of accessories available in the store with their prices.

User Story:

A user can sign up for an account, view the games available in the store along with their price, the subscription plans available in the store and the accessories available. Users will get a free subscription plan with each of the accessories available depending on the plan available to the accessory. Users can also change password and log out from their accounts.

Solution To Problem:

A user wants to view the prices of specific products and games, therefore they can simply sign up for the account and view the details of every category.

Advantages:

- Simple user interface
- Minimal options decreases complexity

Disadvantages:

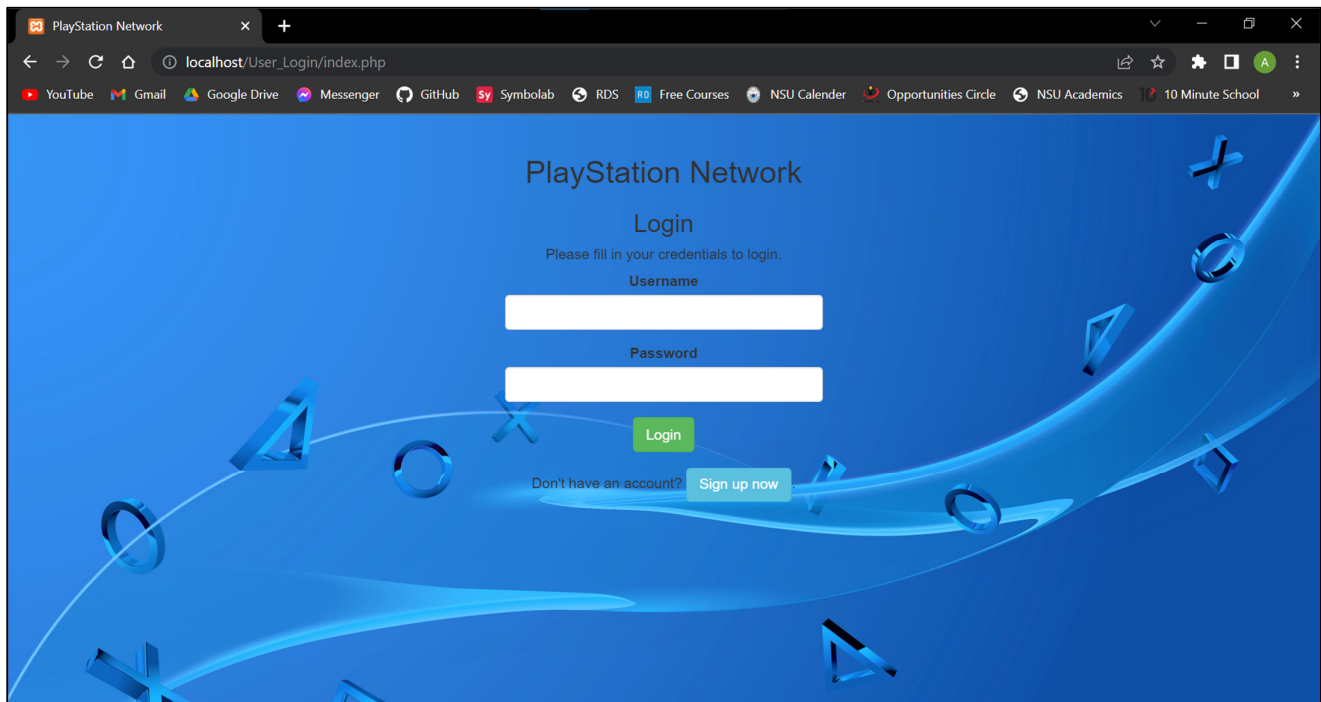
- Users have limited number of options

Collaboration + GitHub Contribution:

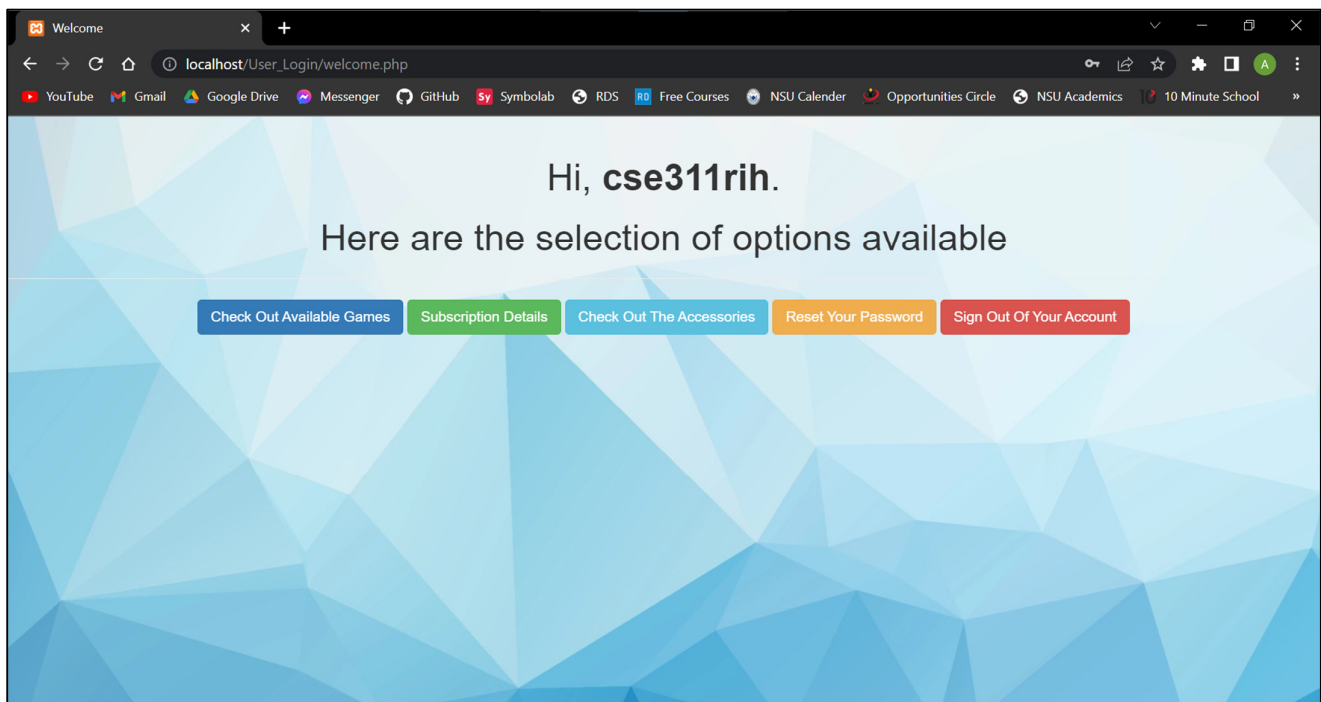
Arafat Anam Chowdhury	Rajib Mohammed Nasim
<ul style="list-style-type: none">• Initial PHP file modifications• Games & Accessories PHP Display• ER Diagram• Project Report	<ul style="list-style-type: none">• Project Proposal• Database Tables• Subscription PHP Display• README Formatting

Screenshots:

Login Page



Welcome Page



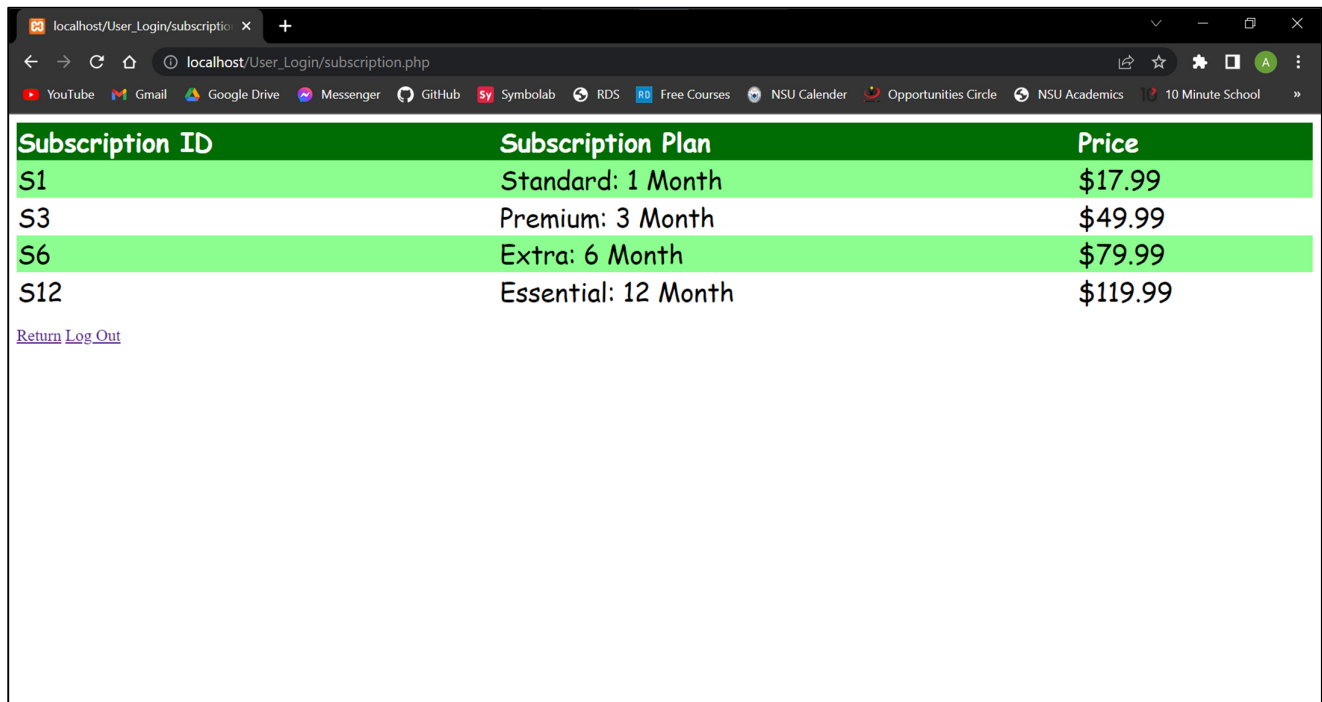
Games Page

Name	Genre	Release Year	Publisher Name	Price(\$)	Subscription	Rating
Assassin's Creed Syndicate	Action	2015	Ubisoft Entertainment	29.99	S1/S3/S6/S12	3.5/5
Resident Evil 3	Adventure	2022	Capcom U.S.A., Inc.	39.99	S6/S12	3/5
The Devil's Daughter	Action	2021	FROGSWARE IRELAND LTD	39.99	S1/S3/S6	3.2/5
LEGO Bricktales	Puzzle	2022	Thunderful Publishing AB	29.99	S12	4.1/5
Rick and Morty	Simulation	2018	Adult Swim	24.99	S1/S3/S12	3.7/5
Gold Rush: The Game	Family	2021	CODE HORIZON SP. Z O.O	19.99	S1/S3/S6/S12	3.5/5
Train Life: A Railway Simulato	Simulation	2022	NACON SA	27.99	S1/S3/S6/S12	3.9/5
Crusader Kings III	Strategy	2015	Paradox Interactive	49.99	S1/S3/S6/S12	4.5/5
UFC 4	Unique	2020	Electronic Arts Inc	59.99	S1/S3/S6/S12	4.2/5
NBA 2K23	Sport	2022	2K	69.99	S1/S3/S6/S12	4.7/5

Accessories Page

Name	Price	Subscription ID
PS5 Console	\$499.99	S1
PS5 Digital Console	\$399.99	S1
PS5 Console Covers	\$54.99	S1
DualSense Wireless C	\$69.99	S1
PULSE 3D Wireless He	\$99.99	S3
DualSense Edge Wirel	\$49.99	S3
Media Remote	\$29.99	S3
HD Camera	\$59.99	S3
Standard Gift Card	\$10.00	S6
Premium Gift Card	\$25.00	S6
Extra Gift Card I	\$30.00	S6
Extra Gift Card II	\$50.00	S6
Extra Gift Card III	\$75.00	S12
Essential Gift Card	\$100.00	S12

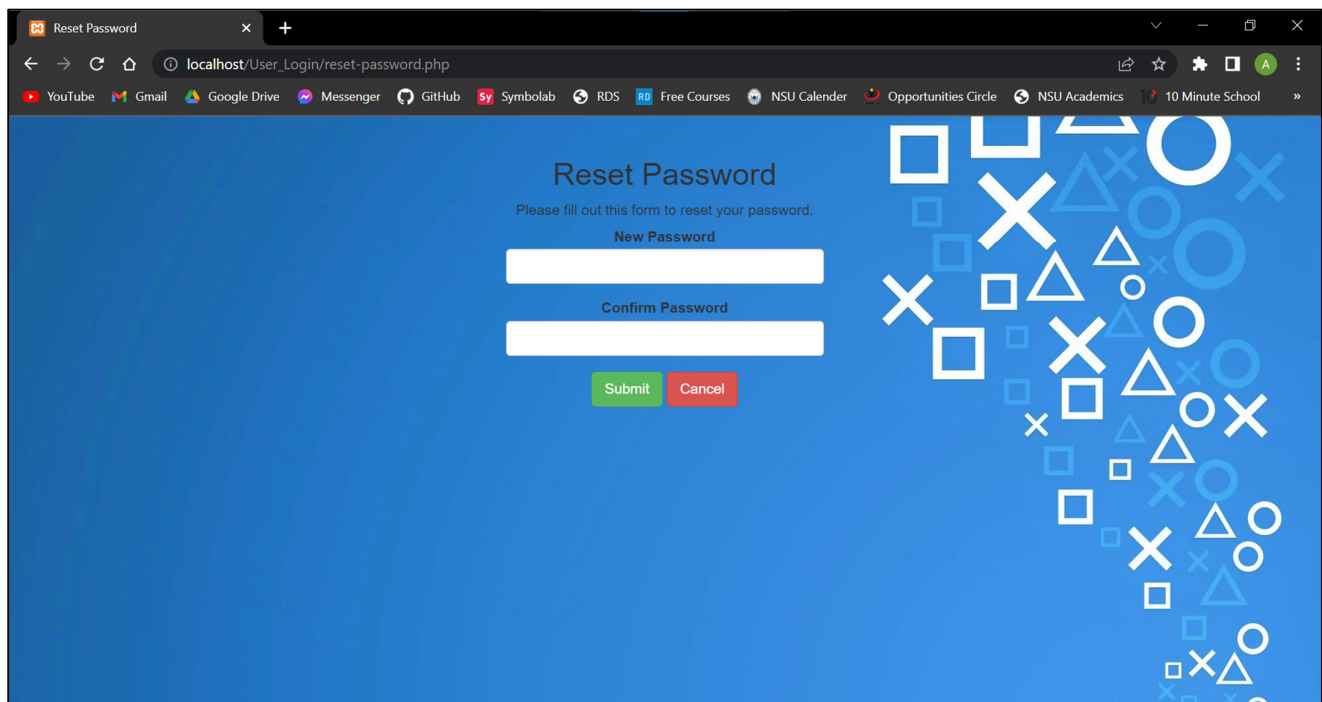
Subscription Page



Subscription ID	Subscription Plan	Price
S1	Standard: 1 Month	\$17.99
S3	Premium: 3 Month	\$49.99
S6	Extra: 6 Month	\$79.99
S12	Essential: 12 Month	\$119.99

[Return Log Out](#)

Reset Password Page



Reset Password

Please fill out this form to reset your password.

New Password

Confirm Password

Submit Cancel

Future Work:

- Users can purchase games, subscription plans and accessories through their accounts
- Users can receive promo codes by the quantity of games they are purchasing
- Users can have a track of delivery details

Conclusion:

This management system will help users to have a better experience online rather than visiting a store.