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CST 336 Final : Pelican Cloud Solutions



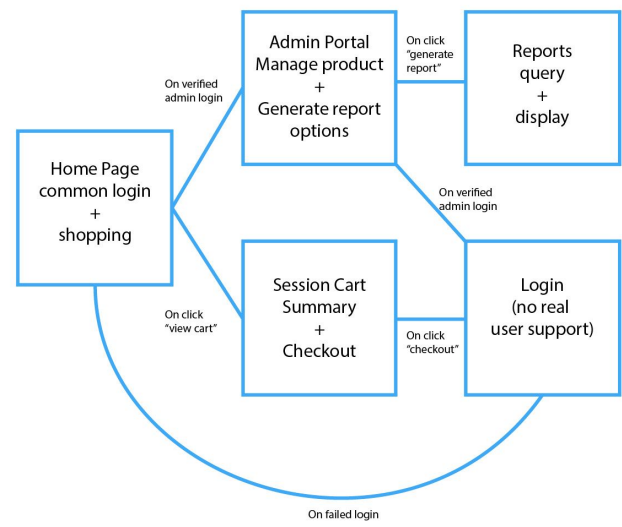
USER STORY

Perhaps you are a web developer looking to create the next cutting-edge application, or a web designer looking to host clients' sites, or a company looking to handle big data? There are many specialized cloud hosting plans out there, but maybe you do not need all the extra features that come with the expensive plans and the cheaper plans are not enough to support your needs. With Pelican Cloud Solutions' modular products, you can choose to pay for the features you need and not for extra features you would never use. By offering infrastructure, platform, and software services, Pelican Cloud Solutions is your custom-fit pipeline to sustainable success.

MOCKUP



Initial concept of homepage



Simplified sitemap

MOCKUP cont.

Username

Password

Login

Login.php

Reports

Report 1

Report 2

Report 3

Report 4

Report 5

Report 6

Generate

Column	Column	Column	Column	Column	Column	Column	Column	Column	Column

reports.php

MOCKUP cont.

Admin Page

Add Prodcuts Reports Log out

Update	Remove	Desc	Storage	Bandwidth	Memory	Price

admin.php

Cart Page

Clear Cart

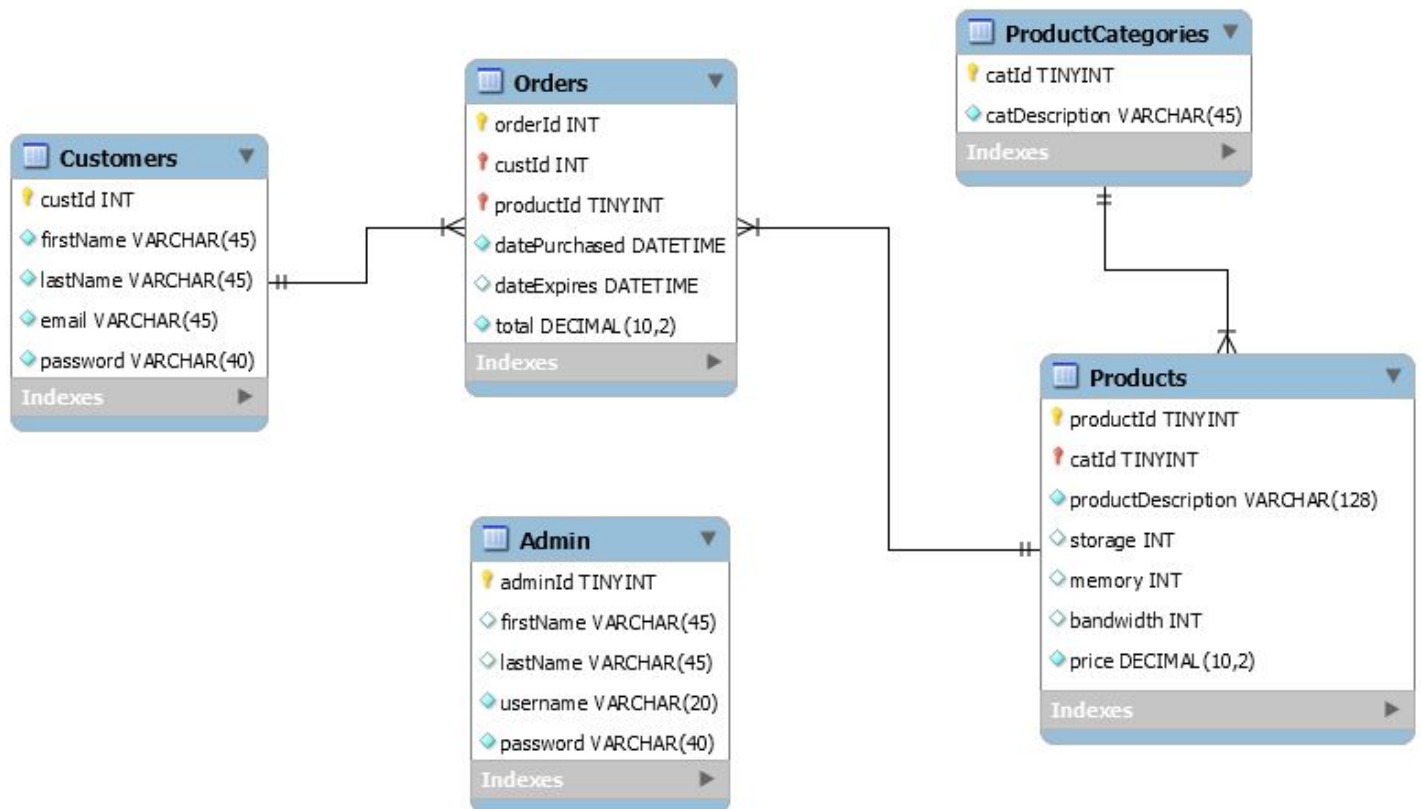
Product	Price	Remove

Tax

Total

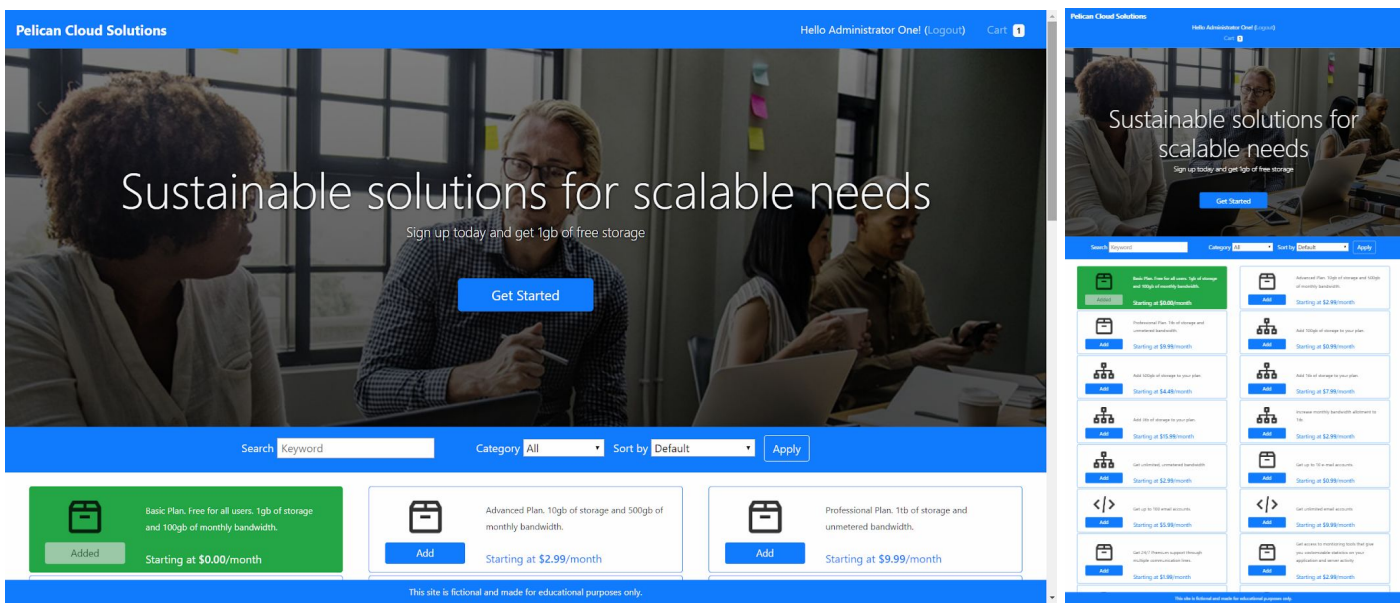
cart.php

DATABASE DESIGN



"PelicanCloudSolutions" database

SCREENSHOTS



Screenshot of index.php. Search field makes ajax call to filter products by keyword. Right: mobile version.

Pelican Cloud Solutions

Hello Administrator One! (Logout)

Shopping Cart

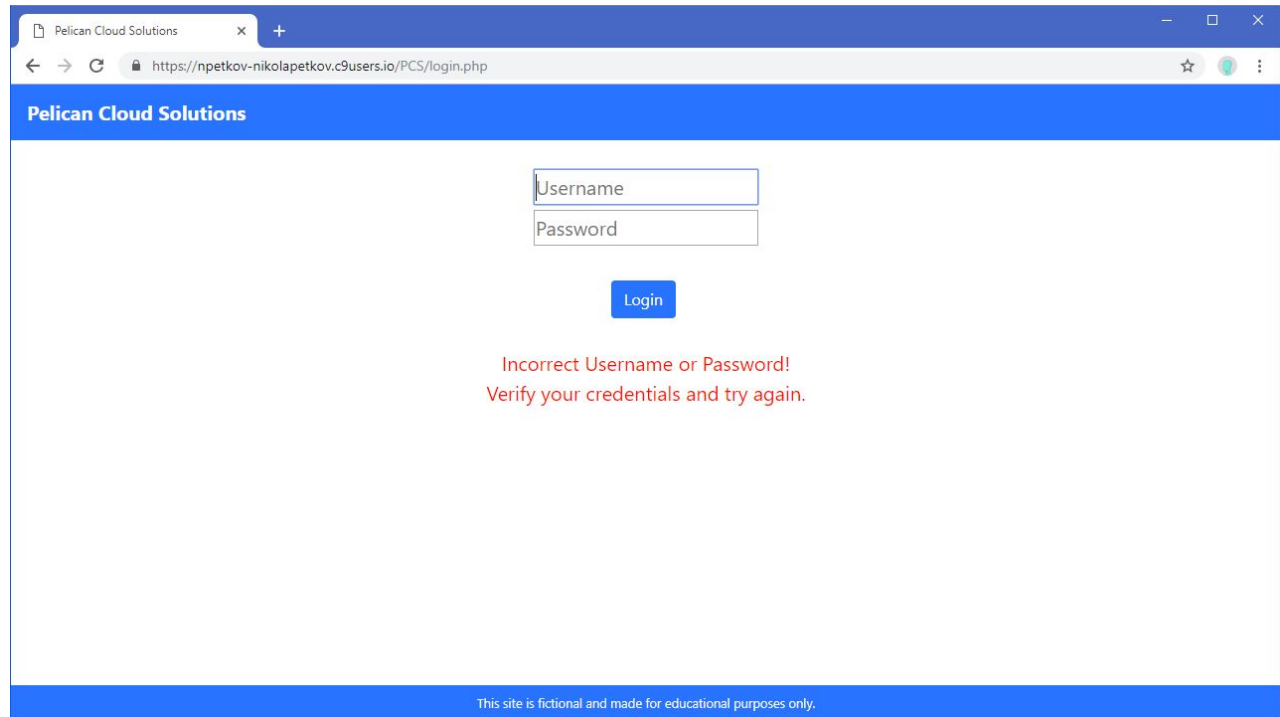
Clear cart

Description	Price	
Install your database of choice or get our highly-integrated PelicanDB	\$1.99	Remove
Get customer relation managment tools. Better communication for happy customers.	\$2.99	Remove
Pelican Compute Basic. Get a virtual machine with 500gb of storage and 1gb of RAM.	\$24.99	Remove
Get 24/7 Premium support through multiple communication lines.	\$1.99	Remove
Shipping	\$0	
Tax	\$2.40	
Total	\$34.36	Checkout

This site is fictional and made for educational purposes only.

Shopping cart example. Checkout is disabled for this project.

SCREENSHOTS cont.



Pelican Cloud Solutions

Username

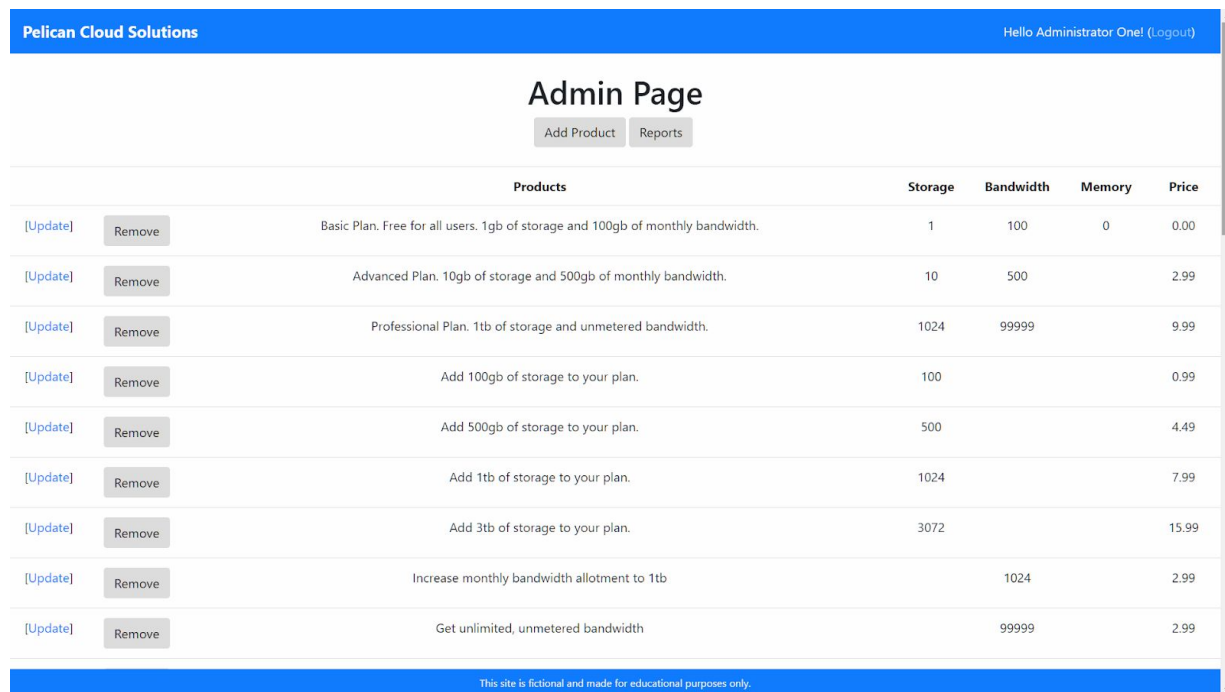
Password

Login

Incorrect Username or Password!
Verify your credentials and try again.

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login.php calls loginProcess.php to verify credentials. Administrators redirected to admin.php. Users to index.php.



Pelican Cloud Solutions

Hello Administrator One! (Logout)

Admin Page

[Add Product](#) [Reports](#)

	Products	Storage	Bandwidth	Memory	Price
[Update] Remove	Basic Plan. Free for all users. 1gb of storage and 100gb of monthly bandwidth.	1	100	0	0.00
[Update] Remove	Advanced Plan. 10gb of storage and 500gb of monthly bandwidth.	10	500		2.99
[Update] Remove	Professional Plan. 1tb of storage and unmetered bandwidth.	1024	99999		9.99
[Update] Remove	Add 100gb of storage to your plan.	100			0.99
[Update] Remove	Add 500gb of storage to your plan.	500			4.49
[Update] Remove	Add 1tb of storage to your plan.	1024			7.99
[Update] Remove	Add 3tb of storage to your plan.	3072			15.99
[Update] Remove	Increase monthly bandwidth allotment to 1tb		1024		2.99
[Update] Remove	Get unlimited, unmetered bandwidth		99999		2.99

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admin.php with list of products.

SCREENSHOTS cont.

Pelican Cloud Solutions

Admin Logout

Generate Reports

Average Product Price
Customers without Orders
Top 10 Customers by Value
Top 10 Products by Purchases

Generate

productId	Category	Product	price	Purchases
20	Platform	Install your database of choice or get our highly-integrated PelicanDB	1.99	13
38	Infrastructure	Pelican Quantum. Get access to our top secret Quantum Computer.	9999.99	10
26	Platform	Pelican Advanced Development Suite. Code web applications using your favorite programming languages.	9.99	10
31	Infrastructure	Pelican Compute Basic. Get a virtual machine with 500gb of storage and 1gb of RAM.	24.99	9
29	Software	Get customer relation managment tools. Better communication for happy customers.	2.99	9
30	Software	Get access to our content delivery network. A fast, dedicated network for streaming content.	15.99	8
32	Infrastructure	Pelican Compute Plus. Get 10 virtual machines. Each with 1tb of storage and 2gb of RAM.	49.99	7
13	Packages	Get 24/7 Premium support through multiple communication lines.	1.99	7

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report.php allows administrators to generate reports from the database.

Product Description cannot be blank

Pelican Cloud Solutions Hello Administrator One! (Logout)

Add product

Storage:

Bandwidth:

Memory:

Description:

Price:

Category:

Add Product

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Pelican Cloud Solutions Hello Administrator One! (Logout)

Update Product

Storage:

Bandwidth:

Memory:

Description:

Price:

Category:

Update Product

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Left: addProduct.php with error message. Right: updateProduct.php is similar to adding products.