Hasan School of Business, Colorado State University – Pueblo

CIS 411 Individual Final Project Assignment

Introduction

The objective of this individual project is to get an overall understanding of server-side programing used to support businesses' needs. Students should be able to design a new **Secure Portal** by using different modules. Please find the minimum design requirements in the following sections.

Design Components

1. The portal template **MUST be responsive** or **mobile friendly version**.
2. All the related PHP files must be under the portal folder of your website.
3. All the related PHP classes must be under the portal/classes/example.class.php.
4. All the related pictures, JavaScripts, or other files must be under the
   - portal/assets/js (folder)
   - portal/assets/img (folder)
   - and more
5. All the related portal modules such as HTML header and footer should be in portal.class.php.
6. The first page of the portal (index.php) must receive the email and password input boxes and authenticate the user.
   - Start new PHP SESSIONS such as email or more.
7. Create a new database as portal and add the following tables.
   - users
     - email (PK)
       - joe@webbook.com
     - pass
       - You Must at least store one record in portal database encrypted password 123456 by PHP base64_encode (123456).
     - time_stamp
   - usersinfo
     - phone (PK)
       - 832-255-7777
     - name
       - Joe
     - email (FK)

- joe@webbook.com
  - o customers (copy only this table with 10,000 records from CIS411 database)
8. The ==process.php== page receives email and password that will be compared against MySQL database to lead authorized users to dashboard.php page of secure portal.
   - o Capture the POST method data.
   - o Encrypt the password by base64_encode to compare with database record.
   - o Return wrong email (Oops, wrong email) and password (Oops, wrong password) error messages to index.php and display them to user.
   - o Forward the correct credentials to dashboard.php page.
9. The ==dashboard.php== should provide a database display with different query options from ==customers==' table.
10. You must also use the previous lab XML codes to create a new page as ==news.php== and link the page to dashboard.php.
11. You must have a logout link part of dashboard links that lead users to exit from your portal securely without an option to click back from the browser.
12. Backup your portal database as ==portal.sql==. Please make sure to add at least 5 fake records to users and usersinfo tables.

Note: Please feel free to add more to pages if you think is necessary to improve the website.

Deliverables: Please submit a ZIP file (DoeJ-CIS411-FinalProject.zip) to Blackboard including portal folder and under that following pages and any extra pictures or files. ==**Only a ZIP file extension will be accepted.**==

1. \portal (folder)
   - o \classes (folder)
   - o \assets (folder)
   - o index.php
   - o process.php
   - o dashboard.php
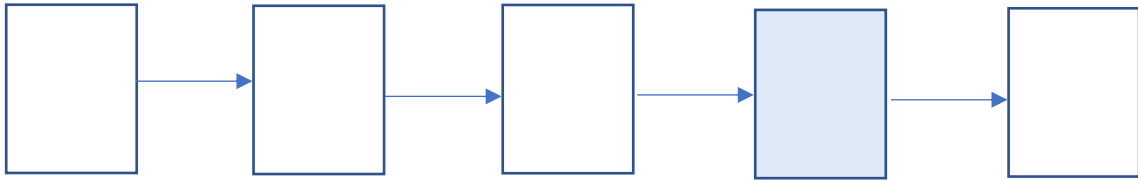   - o news.php
   - o logout.php
   - o portal.sql

index.php	process.php	dashboard.php	Other PAGES	logout.php

Grading Scale	Element
30	Design
40	PHP Classes and Coding
20	Portal Database
5	Copyright & Year
5	Submission
100	Total

Good Luck!

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