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LMS Technical Design

File names will be using camel case.

Edit Pages have CRUD functions.

- LMS Folder
  - CSS Folder
    - Home.css
    - Organization.css
  - Scripts Folder
    - Any script files needed
  - Models Folder
    - Dbconfig.ini
    - userDB.php
    - loginAttemptsDB.php
    - organizationsDB.php
    - departmentsDB.php
    - jobCodeDB.php
    - trainingModuleDB.php
    - trainingEntriesDB.php
  - Images Folder
    - Contains subfolders to organize image storage where needed.
  - Pages Folder
    - Home.php
    - LandingPage.php
    - AccountSettings.php
    - PastTraining.php
    - EnterTraining.php
    - TrainingModuleViewer.php
    - EditTrainingModule.php
    - TrainingValidationViewer.php

- EditTrainingValidation.php
- EditOrganization.php
- EditDepartment.php
- EditJobCode.php
- EditUserAccount.php
- ValidateJoin.php

LMS Technical Design Specifications

LMS Folder contains all folders and files for our LMS Project

CSS Folder will contain all .CSS files for the project. Probably just one for home page/login and another for once signed in.

Scripts Folder will contain any JavaScript files we create to make our pages more dynamic.

Images Folder will contain any images used during the site

Models Folder will contain all .php files pertaining to database interactions.

Dbconfig.ini:

file contains information to log into our database server

userDB.php

user class that contains all methods and variables relating to the user table

loginAttemptsDB.php

loginAttempts class that contains all methods and variables relating to the loginAttempts table

organizationsDB.php

organizations class that contains all methods and variables relating to the organizations table

departmentsDB.php

departments class that contains all methods and variables relating to the departments table

jobCodeDB.php

jobCode class that contains all methods and variables relating to the job codes table

trainingModuleDB.php

trainingModule class that contains all methods and variables relating to the trainingModule table

trainingEntriesDB.php

trainingEntries class that contains all methods and variables relating to the trainingEntries table.

Pages folder will contain all physically viewable web pages.

Home.php:

Page seen when not logged in. Some generic company information with ability to log in, create an organization or join an organization.

LandingPage.php

Page seen after logging in. Contains a dashboard based on your current functionalities. All pages here and beyond have a sidebar nav which contains any of that users functionalities. (training, CRUDs account settings, etc).

AccountSettings.php

Page containing all account setting functions including: general information, profile picture, change password, login history/attempts.

PastTraining.php

This page will contain a table listing of all past completed training with a sum total Credit Hours.

EnterTraining.php

This page will provide a form entry for a users training. They will provide the necessary information and click submit. This will later be reviewed and approved by a training Manager.

TrainingModuleViewer.php

View of all training Modules available for a user.

EditTrainingModule.php

Form for creating a training module for users to completed and see in the training module viewer

TrainingValidationViewer.php

This page will contain a Table View of all currently submitted and in review training entries. Training Manager can select one which will bring them to the Edit Training Validation Page.

EditTrainingValidation.php

This page will contain a filled-out form of a training form entry. Training Manager will view and either approve or deny the credit.

EditOrganization.php

This page will contain a table of Organizations on the Database. Clicking edit will pop up a CRUD form which will allow a Organization to be edited, or delete

EditDepartment.php

This page will contain a table of Departments in a Org. Clicking edit will pop up a CRUD form which will allow a department to be edited or deleted.

EditJobCode.php

This page will contain a table of JobCodes in a Org. Clicking edit will pop up a CRUD Form which will allow a jobcode to be Edited or Deleted

EditUserAccount.php

This page will contain a table of user accounts. Clicking edit will pop up a CRUD Form which will allow a user to be Edited or Deleted

ValidateJoin.php

This page will contain a table which shows any new users attempting to join an organization. Can either accept or deny. Accept adds them into the Org.