

CSIS 3280 Lab 05-001: OO Web Application

- Download the template code and extract it in the Lab 05
- Create a web application following the OO concept as shown in the demo in the class today
- Use the feedback_ABCXXXXX.txt you were provided in the template to store and read the data

Introduction

In this lab, you will create a form processing data with file backend using object-oriented programming concept.

Requirement

1. All the functions need to be coded in their respective include files. You need to make sure that you provide all the definitions in the config.inc.php. This file needs to be required first in the main file.
2. The subclasses need to be stored in the inc/Entities/ folder
3. The data should be in the data folder while the log file should be in the log folder
4. You can not change the function signature in the include files
5. The purpose of each include files are explain below this requirement list

Include files

config.inc.php – The place where you put all the definitions and setting the php.ini in runtime to enable custom logging

Page.class.php – A class that has all the static methods to display the page. Please see feedback.html as the guide to create the methods in this file

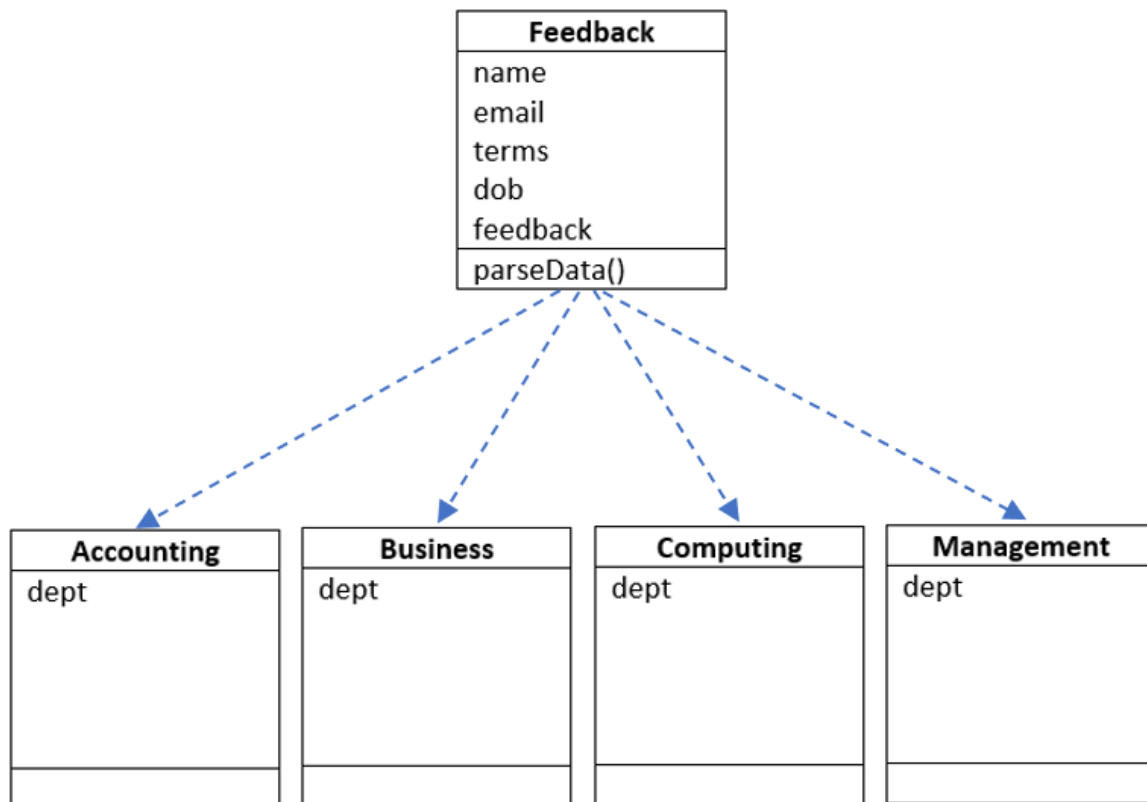
Feedback.class.php – A class that stores the data structure from the file read

FileUtility.class.php – A class that deals with File IO actions

Validation.class.php – A class that validate the user's inputs form

Accounting.class.php, **Business.class.php**, **Computing.class.php**, and **Management.class.php** – Subclasses of Feedback class

Class diagram



Figure

The page is loaded with the original data

Feedback Data and Form

Current Data

Dept	Name	Email	Terms	DOB	Feedback
Accounting	Joe Douglas	joe@douglas.com	5	2000-02-08	Cool
CSIS	Douglas Joe	douglas@joe.com	4	1995-06-13	Awesome
CSIS	PHP Coder	test@somewhere.code	3	1998-07-08	Noice
Management	Anonymous Me	me@nowhere.com	4	1997-07-14	This is quite a long comment from me. Somehow I need to write a very long message in this no fun form

Add a new entry

Dept: Please select one option

Name:

Email:

Number of terms:

Date of Birth: ☐

Feedback:

Add entry

Entering the data in the form

Feedback Data and Form

Current Data

Dept	Name	Email	Terms	DOB	Feedback
Accounting	Joe Douglas	joe@douglas.com	5	2000-02-08	Cool
CSIS	Douglas Joe	douglas@joe.com	4	1995-06-13	Awesome
CSIS	PHP Coder	test@somewhere.code	3	1998-07-08	Noice
Management	Anonymous Me	me@nowhere.com	4	1997-07-14	This is quite a long comment from me. Somehow I need to write a very long message in this no fun form

Add a new entry

Dept:

Name:

Email:

Number of terms:

Date of Birth:

Feedback:

Will update the data file and the new entry will be reflected in the main article

Feedback Data and Form

Current Data

Dept	Name	Email	Terms	DOB	Feedback
Accounting	Joe Douglas	joe@douglas.com	5	2000-02-08	Cool
CSIS	Douglas Joe	douglas@joe.com	4	1995-06-13	Awesome
CSIS	PHP Coder	test@somewhere.code	3	1998-07-08	Noice
Management	Anonymous Me	me@nowhere.com	4	1997-07-14	This is quite a long comment from me. Somehow I need to write a very long message in this no fun form
Accounting	John Doe	john@doe.ca	5	2000-08-08	It's ok I guess

Add a new entry

Dept:

Name:

Email:

Number of terms:

Date of Birth:

Feedback:

If there's any error in the submitted data, provide a notification. Please change the notification text accordingly. If it is related to the form data, you need to list the list of form input producing the errors.

Feedback Data and Form

Notification

This is to notify whether the data has been submitted and added successfully or have errors... If there's any error, provide the list of errors

Add a new entry

Name:

Email:

Number of terms:

Date of Birth:

Dept:

Feedback:

Current Data

Dept	Name	Email	Terms	DOB	Feedback
ACCT	Joe Douglas	joe@douglas.com	5	2000-02-08	Cool
CSIS	Douglas Joe	douglas@joe.com	4	1995-06-13	Awesome
CSIS	PHP Coder	test@somewhere.code	3	1998-07-08	Noice
CSIS	Anonymous Me	me@nowhere.com	4	1995-06-13	This is quite a long comment from me. Somehow I need to write a very long message in this no fun form

LAB/ASSIGNMENT PRE-SUBMISSION CHECKLIST

- Did you follow the naming convention for your files?!
- Did you follow the naming convention for your folder?!
- Does your submission work on a lab computer?!
- Double check **before** submitting

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