

# Applied Technology

## 462/562 Assignment 2

### INTRODUCTION

You have been hired for a fictional marketing firm **MiddleClik**. **MiddleClik** wants to build a secure web application that allows users from **MiddleClik** to upload images and html snippets to be used in online ads for client companies. Clients from client companies should be able to log on to the main portion of the website and view the most recent submissions for their company.

**This is an individual assignment**

**You will be graded on meeting the required functionality – exactly which functions and code you use to achieve this is up to you – however you must use the PHP programming language.**

### What to do - Requirements

This assignment requires two parts – an administration component and a user-facing component.

#### Administration component

- The administration page (Administration/admin.php) must have a login form or redirect to a login form
- If a user fails to logon they must be redirected back to the login form and an error message is displayed
- When a user has successfully logged in as a member of the MiddleClik company group they will be presented a form to upload either a html snippet (through a textarea) or an image (through a file input) for a specified company (text input) with a specific `marketingCampaignName` (text input)
- The uploaded image file is placed into a directory specific to the company and renamed to `marketingCampaignName.[original file image extension]`
- The uploaded html text is written into a file `marketingCampaignName.html`

#### User Component

- The user page (index.php) must have a login form or redirect to the login form
- If a user fails to logon they must be redirected back to the login form and an error message is displayed
- When a user has successfully logged in as a member of a company they will be presented with the marketing materials (.html iframes) & (img sources) uploaded for their company.

## Database Details

To authenticate users you must connect to a database with the following parameters:

- **Host:** lake13.rice.iit.edu:3306
- **User:** iituser
- **Password:** -8iituser!
- **Database:** assignment2
- **Table:** users
- **Columns:** username, password, company
- (You may opt to run a local mysql connection during development – but your server must connect to this service once submitted)

## Directory Structure

*Required elements.*

**src/**

**Administration/admin.php**

**Content/**

**Include/**

**index.php**

You may include additional elements (CSS/JS) and other php pages as you feel required to best make your submission.

## Graduate Extension:

**If you are enrolled in any section of 562 – you must also complete the following objective(s):**

- You must also allow MiddleClik users to upload a CSV file of marketing statistics from a form within the administration component. This CSV file must be uploaded to a content directory specific for the company. It should be renamed to something like "marketing.csv"
- When in the user facing component and logged in as a registered user of a company, if the marketing csv file exists a table of the information is shown to the user at the top of the page.

## Submission Details

You must upload your submission, including source code inside a zip archive to blackboard by the due date. The submission must be in the following format:

- YOURFULLNAME\_YOUR STUDENT ID NUMBER\_AS2.zip *eg.*  
*BobSaget\_A11111111\_AS2.zip*

- src (folder)
  - .. other documents and folders as required
- README.pdf (describes your submission)

## Late Policy

You will lost 10% of your assignment grade (1.2% of course grade) every 24hours that your submission is late, starting from 1 minute after the deadline.

Extensions are given in rare circumstances due to serious illness or family issues and will only be considered up to 48 hours before the deadline and with proof of hardship.