**URL:**

Content page: display records; update records; delete records

[**http://ec2-52-37-126-78.us-west-2.compute.amazonaws.com/project\_content.php**](http://ec2-52-37-126-78.us-west-2.compute.amazonaws.com/project_content.php)

Upload page: add records; store records

[**http://ec2-52-37-126-78.us-west-2.compute.amazonaws.com/project\_upload.php**](http://ec2-52-37-126-78.us-west-2.compute.amazonaws.com/project_upload.php)

**PHP Validation:** Project\_validation\_upload.php, Project\_validation\_update.php

Validation has been done for upload and update forms, including whether required fields have been filled and data integrity. Error messages will be shown with details.

**Store Record:** Project\_upload.php

Data entered by user will be collected. Only validated data will be stored in database. Data is collected from 7 fields including (txt, email, tel, radio button, drop-down box, pictures). The database uses LONGBLOB type to store pictures.

**Retrieve Record:** Project\_content.php, Project\_api.php

All records can be retrieved from the database, and changes to the records will be reflected immediately. Records are displayed in a table format, using AJAX.

**Update Record:** Project\_content.php

Users can select a record to be updated. If multiple records are selected, the first one will be updated. Once the user has selected a record to be updated, a form pre-filled with the data corresponding to the chosen record is displayed to the user. After the user has changed the pertinent fields, the record with validated data is successfully updated, or remains unchanged if the data is not validated. Changes to records are displayed with AJAX.

**Delete Record:** Project\_delete.php

The web application allows the user to select multiple or one records to be deleted at a time. Once the user has selected the pertinent records, those records are successfully deleted. Table will immediately response to the delete action using AJAX.

**Semantic Markup:**

HTML markup has minimal inclusion of CSS and Javascript. Semantic markup tags are included. External style sheets are used to include CSS. Separate files are made for logic.

**Responsive Design:&Navigation:**

Content\_desktop.css: do the desktop style for the content page

Content\_mobile.css: do the mobile style for the content page

Index&Inputpage-desktop.css: do the desktop style for the upload page

Index&Inputpage-mobile.css: do the mobile style for the upload page

**OTHER:**

Projectlogin.php: project database information,(name password)

ProjectcreateDB\_TBL.php: create database for the project

Project\_ajax\_table.js: script for the AJAX