CRAFT REFLECTION WEB SITE

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# DataBase Structure

## posting table

### required items (Randam Order)

Since it is especially about Movies He edits, items below are required

・ID

・Movie Name

・Movie Category

・Movie Tag

・Editing Or ready to Post

・Created Date

・Modified Date

・YouTube Embbed Link

### Colums type

Colum types for each shown in the table below

|  |  |  |
| --- | --- | --- |
| Colum name | Colum type | Note |
| id | INT | Primary, AutoIncrement |
| movie-name | VARCHAR(255) |  |
| youtube-link | VARCHAR(255) | Embbed Link |
| movie-category | VARCHAR(255) |  |
| movie-tag | VARCHAR(255) |  |
| created-date | DATETIME |  |
| modified-date | TIMESTAMP |  |
| ready | VARCHAR(10) | true or false. |

### Data Base Name and Table name

|  |  |
| --- | --- |
| Data base name | craft-base |
| Table name | craft-post |

## Admin table

Admin table is for collating the id and the password to let user log in. it also holds the site URL to generate absolute links to imgs,pages..etc.

### required items (Randam Order)

・ID

・Password

・SiteURL

### Colums type

Colum types for each shown in the table below

|  |  |  |
| --- | --- | --- |
| Colum name | Colum type | Note |
| id | VARCHAR(255) |  |
| password | VARCHAR(255) |  |
| site-url | VARCHAR(255) |  |

### Data Base Name and Table name

|  |  |
| --- | --- |
| Data base name | craft-base |
| Table name | craft-admin |

# php file structure

Separate PHP files as show below

## the list of php files

|  |  |
| --- | --- |
| File name | Description |
| craft-login.php | To log in. |
| dbinfo.php | Fetch craft-base data table |
| session-status.php | Check successfully Logged in or not. |
| admin-frame.php | Admin pages outer frame |
| input-post.php | Post new movie article |
| update-post.php | Update movie article |
| check-post.php | Check before posting |
| register-post.php | To wirte Post-data into the data base |
| success.php | To show it is successfully posted or updated. |
| fail.php | To show some error occurred during updating the data base |
| post-list.php | Show the list of the posts |
| delete-post.php | To delete the post |

## function of each php files

### craft-login.php

This is for the page to input login ID and Password. And collate the input id an password to the pre written data base colums.

### dbinfo.php

dbinfo.php has the data base information and makes basic data base array. Also it generates next page and previous page query number.

### session-status.php

This it to check the user has successfully logged in by SESSION valuable.

### admin-frame.php

Wrap the all admin menu. The other php files actually only includes the inner contents which are wrapped by this php file.

### input-post.php

Input elements of articles

### update-post.php

Update elements of articles

### check-post.php

check input or updated article inputs

### register-post.php

to actually write the post into data base. When it is successfully done, jump to success.php

### success.php

to show user’s post or update has been successfully written.

### **fail.php**

to show user’s post or update hasn’t been successfully written.

### post-list.php

to show the list of the post’s titles and excertptions of the articles which have been posted

### delete-post.php

to delete posts.

# Login Flow

Users type in their ID and Password. Then if its pair is in the data base table, the user can finally log in.

## Flow diagram

Access to the Login Page

Enter ID and Password

The ID and PASS pair exists in the DB

Press Login Btn

Look for the pair in the DB

Alert user failed to log in

Jump to Input-post.php

Yes

No

Assign ID to $\_SESSION[‘id’]

Assign the password to $\_SESSION[‘password’] $\_SESSION[‘password’]

Assign the time to $\_SESSION[‘login-time’]

# Page for Posting articles

## Input, TextArea

Each input area or textArea are difiend simply with HTML by names. When It’s at least necessary, add a small Icon to inform. In the chapter from 2-1-1, actural HTML tags for each elements are written.

### Movie name

<input type=”text” name=”movie-name” size=”35” maxlength=”255”/>

### youtube-link

<input type=”text” name=” youtube-link” size=”100” maxlength=”255”/>

### movie-category

<input type="checkbox" name="category" value="categoryName" checked="checked">”categoryName1”

<input type="checkbox" name="category" value=" categoryName2" >”categoryName2”

…… iterate as the number of categories

### movie-tag

<input type=”text” name=”movie-tag1” size=”20” maxlength=”255”/>

<input type=”text” name=”movie-tag2” size=”20” maxlength=”255”/>

<input type=”text” name=”movie-tag3” size=”20” maxlength=”255”/>

### ready

<input id=”post” type=”raido” name=”post” value=”true”/><label for=”post”>Post(or Update)</label>

<input id=”editing” type=”raido” name=” editing” value=”false”/><label for=” editing”> Editing </label>