CRAFT REFLECTION WEB SITE

1 DataBase Structure

1.1   posting table

1.1.1 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

1.1.2   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.

1.1.3 Data Base Name and Table name

Data base name	craft-base
Table name	craft-post

1.2   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.

1.2.1 required items (Randam Order)

・ID

・Password

・SiteURL

1.2.2 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)	

1.2.3 Data Base Name and Table name

Data base name	craft-base
Table name	craft-admin

2 php file structure

Separate PHP files as show below

2.1 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

2.2 function of each php files

2.2.1 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.

2.2.2 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.

2.2.3 session-status.php

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

2.2.4 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.

2.2.5 input-post.php

Input elements of articles

2.2.6 update-post.php

Update elements of articles

2.2.7 check-post.php

check input or updated article inputs

2.2.8 register-post.php

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

2.2.9 success.php

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

2.2.10 fail.php

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

2.2.11 post-list.php

to show the list of the post's titles and excertptions of the articles which have been posted
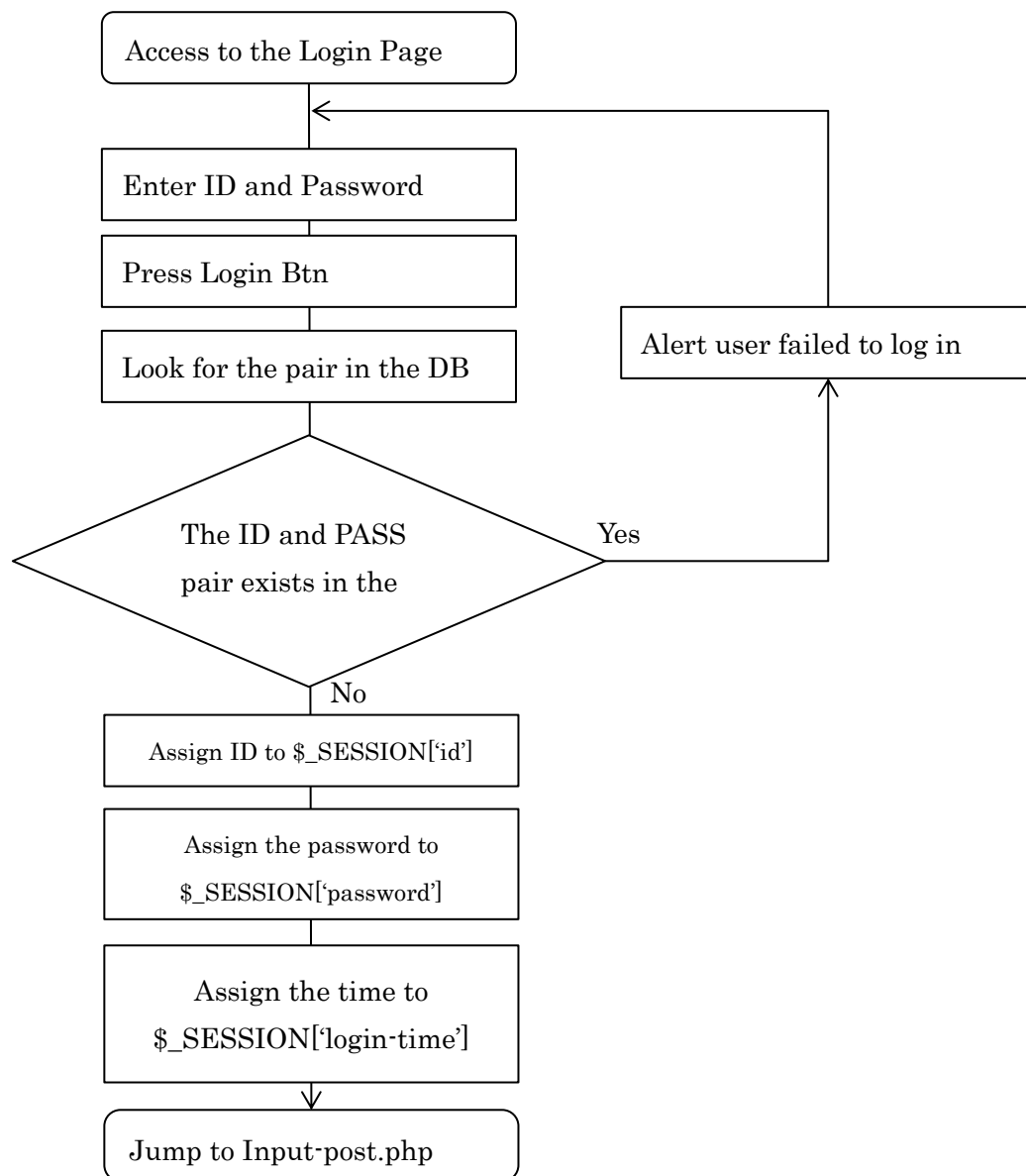
2.2.12 delete-post.php

to delete posts.

3 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.

3.1 Flow diagram

```
        ┌──────────────────────────────┐
        │  Access to the Login Page     │
        └──────────────┬───────────────┘
                       │◄──────────────────────────────┐
        ┌──────────────┴───────────────┐               │
        │  Enter ID and Password        │               │
        └──────────────┬───────────────┘               │
        ┌──────────────┴───────────────┐               │
        │  Press Login Btn              │               │
        └──────────────┬───────────────┘    ┌───────────────────────────┐
        ┌──────────────┴───────────────┐    │  Alert user failed to log in │
        │  Look for the pair in the DB  │    └─────────────▲─────────────┘
        └──────────────┬───────────────┘                  │
                   ╱       ╲                               │
                 ╱           ╲        Yes                  │
               ╱  The ID and   ╲──────────────────────────┘
               ╲  PASS pair     ╱
                 ╲ exists in the╱
                   ╲         ╱
                      │ No
        ┌─────────────┴────────────────┐
        │  Assign ID to $_SESSION['id']  │
        └─────────────┬────────────────┘
        ┌─────────────┴────────────────┐
        │  Assign the password to        │
        │  $_SESSION['password']         │
        └─────────────┬────────────────┘
        ┌─────────────┴────────────────┐
        │  Assign the time to            │
        │  $_SESSION['login-time']       │
        └─────────────┬────────────────┘
        ┌─────────────┴────────────────┐
        │  Jump to Input-post.php        │
        └────────────────────────────── ┘
```

4 Page for Posting articles

4.1 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.

4.1.1 Movie name

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

4.1.2 youtube-link

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

4.1.3 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

4.1.4 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"/>

4.1.5 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>