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Class: ITMD 562 -02

Assignment 2

Project Description: This PHP application which includes 8 PHP files allows the user to create, edit, view, or delete a note. Each note consists of Note ID, Note Subject, Author, Note Content, Total Note Characters and Create or Last Revise Time. The note data is modeled as an object and is saved to data.txt by serializing the list. When reading the data, it will be unserialized. When creating the object, the namespace is used to hold three files which are Note.php, INoteRepository.php and FileNoteRepository.php.

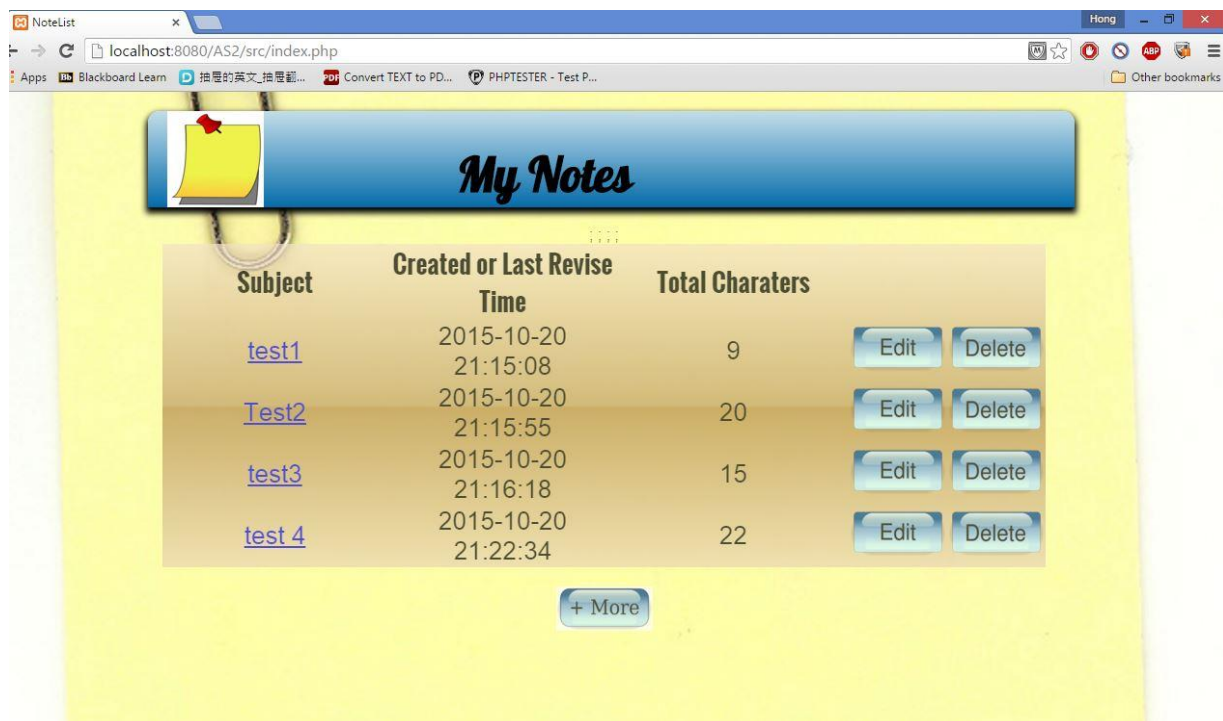
Development Environment:

- Computer OS: Windows 8.1
- Local Server: XAMPP v3.2.1
- Editor: Sublime Text 3
- Internet

Installation Instruction: The index.php is the entry point and will show the note list, let the user add a new note or edit, delete a recorder in the note list. The list include note subject, create or last revise time, total characters and the options to edit or delete this note. When the use wants to edit or delete a note, you can choose the buttons in the index.php or click the note subject which is a hyperlink to show the whole note and allow you to do these two options. When the use tries to delete the note, there will be a confirmation page before deletion.

Insights and Results:

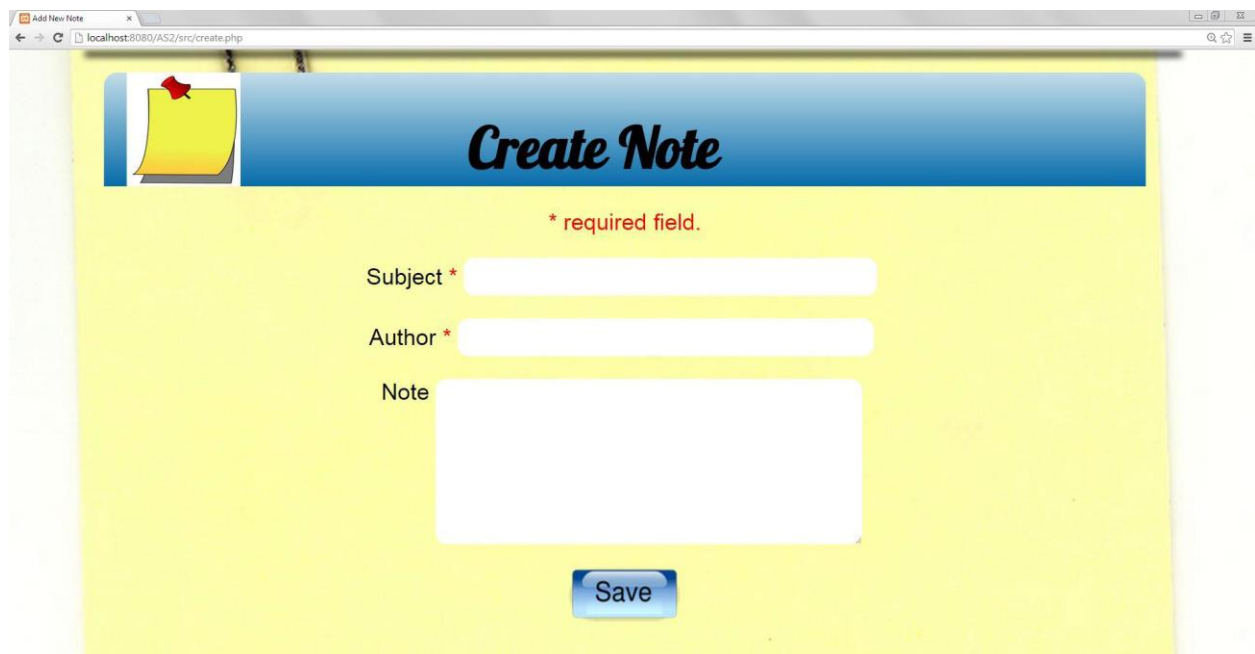
1. Open index.php



Subject	Created or Last Revise Time	Total Charaters		
test1	2015-10-20 21:15:08	9	Edit	Delete
Test2	2015-10-20 21:15:55	20	Edit	Delete
test3	2015-10-20 21:16:18	15	Edit	Delete
test 4	2015-10-20 21:22:34	22	Edit	Delete

+ More

2. Add a new note which goes to create.php



* required field.

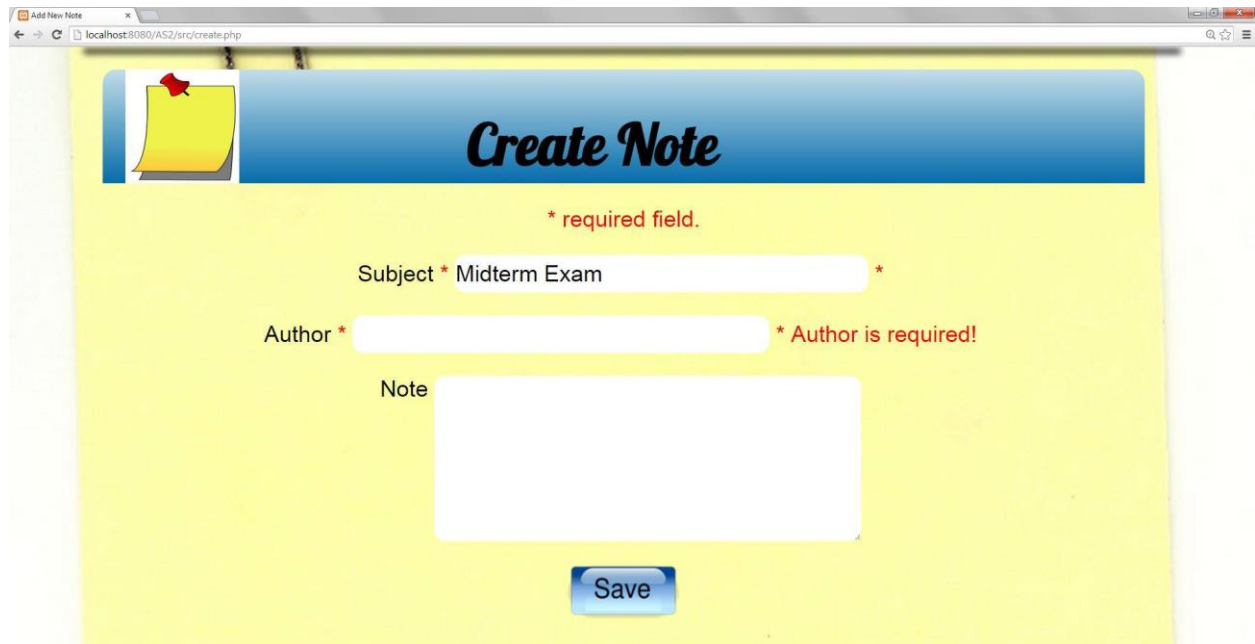
Subject *

Author *

Note

Save

Subject and author are required before saving a note. If not filling in these two fields, the page will show again.



Browser: Add New Note
URL: localhost:8080/AS2/src/create.php

Create Note

* required field.

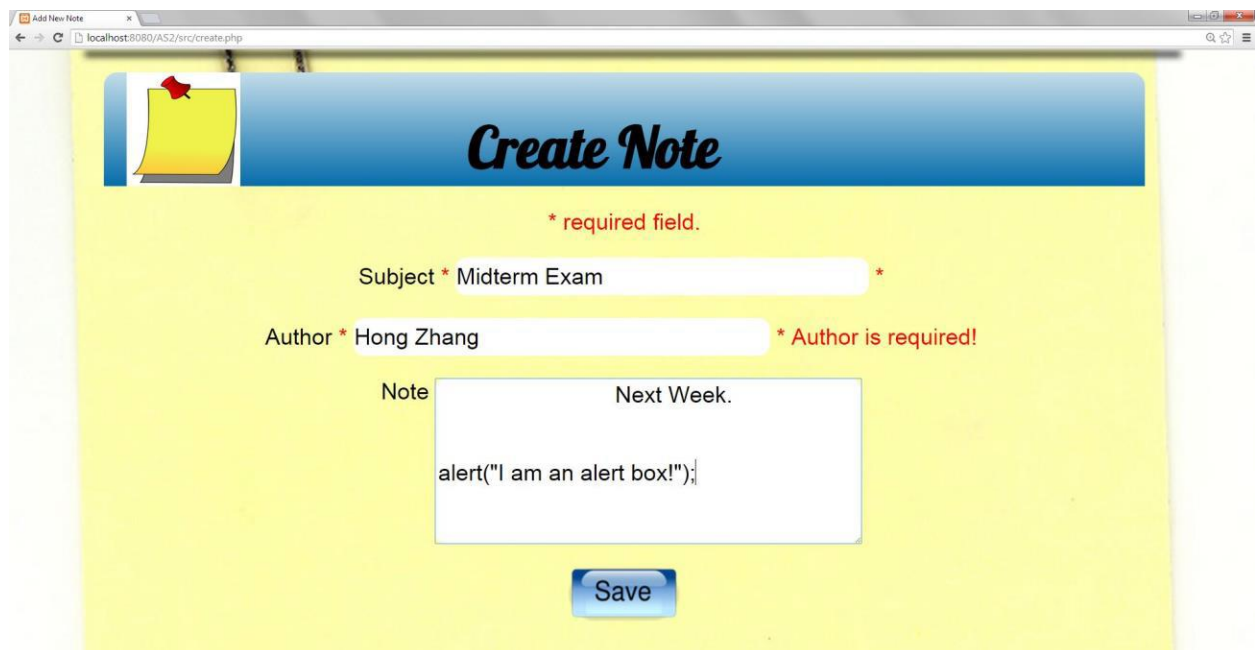
Subject * Midterm Exam *

Author * * Author is required!

Note

Save

Input will be checked and remove any whitespace or inject javascript.



Browser: Add New Note
URL: localhost:8080/AS2/src/create.php

Create Note

* required field.

Subject * Midterm Exam *

Author * Hong Zhang * Author is required!

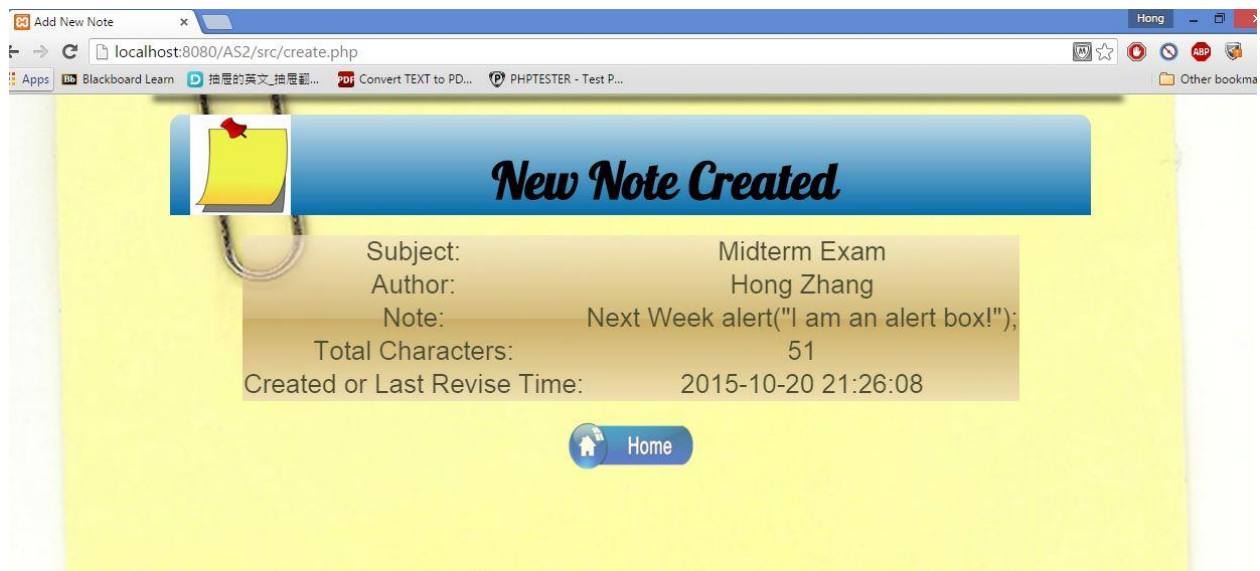
Note

Next Week.

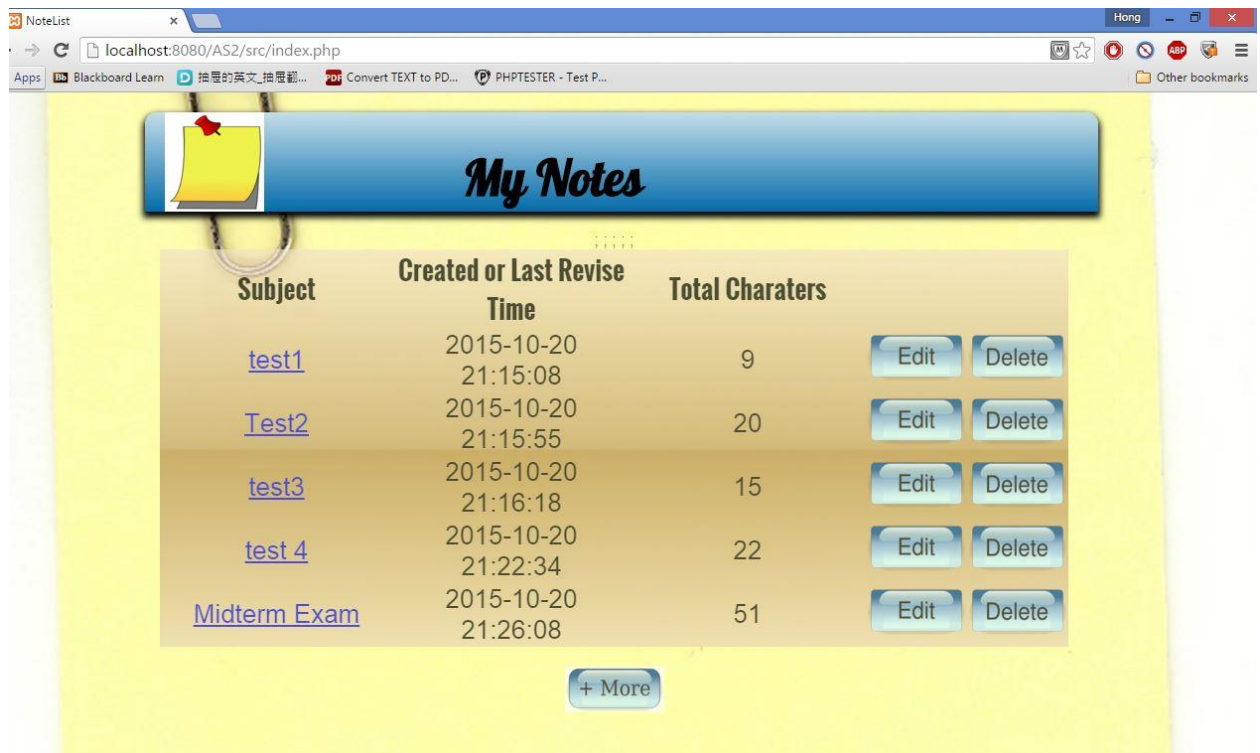
alert("I am an alert box!");

Save

After checking the validation, save to data.file and show the result.

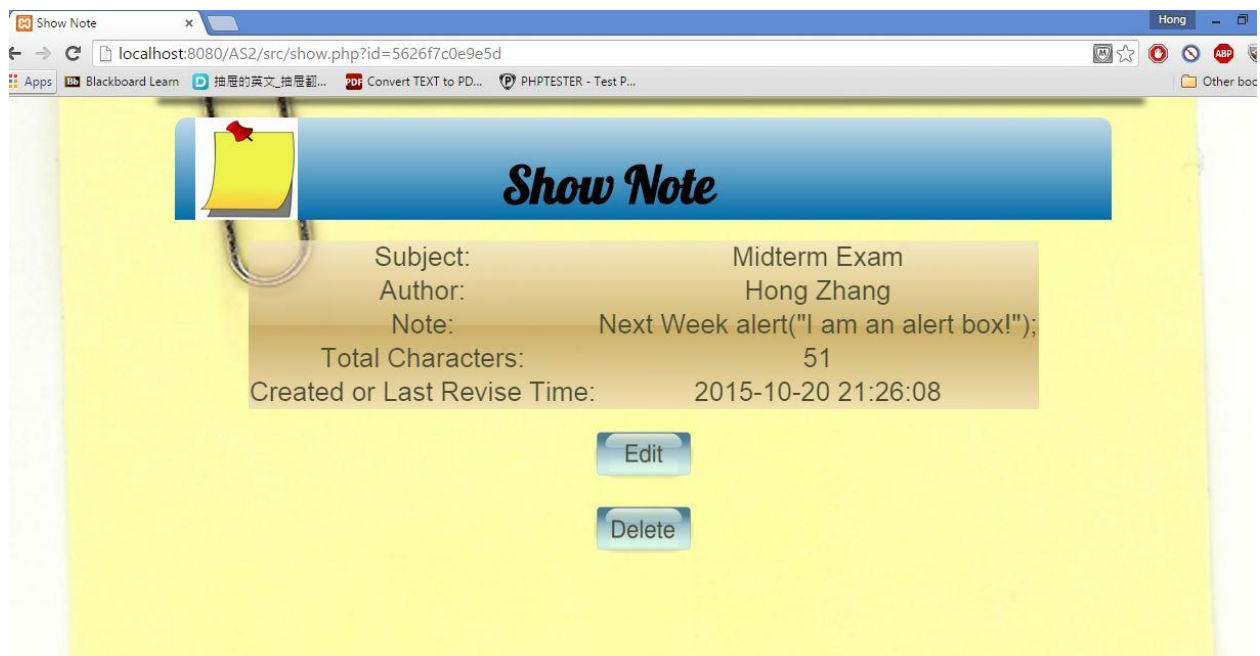


Then, the user can go back to home page, index.php and find the new note.

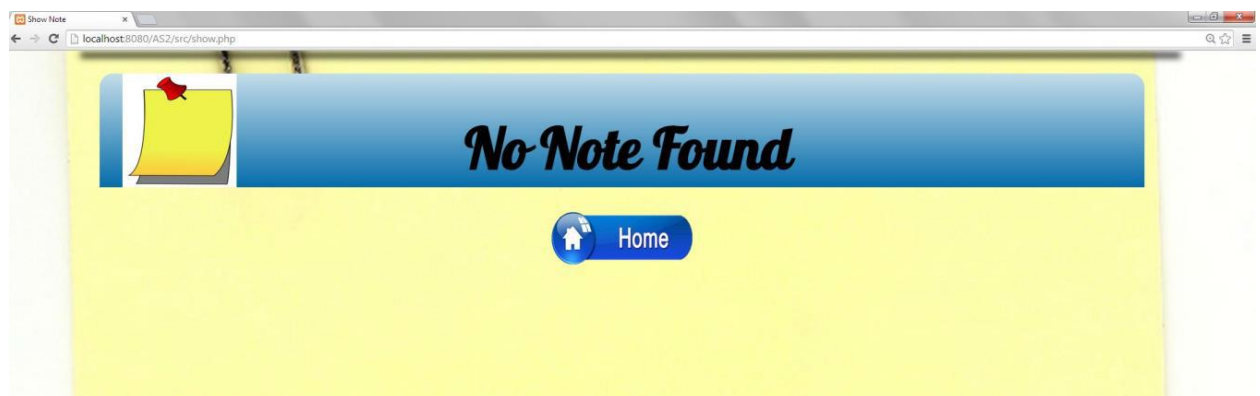


3. Show Note in show.php.

Click the note subject which is a hyperlink to show the whole note.

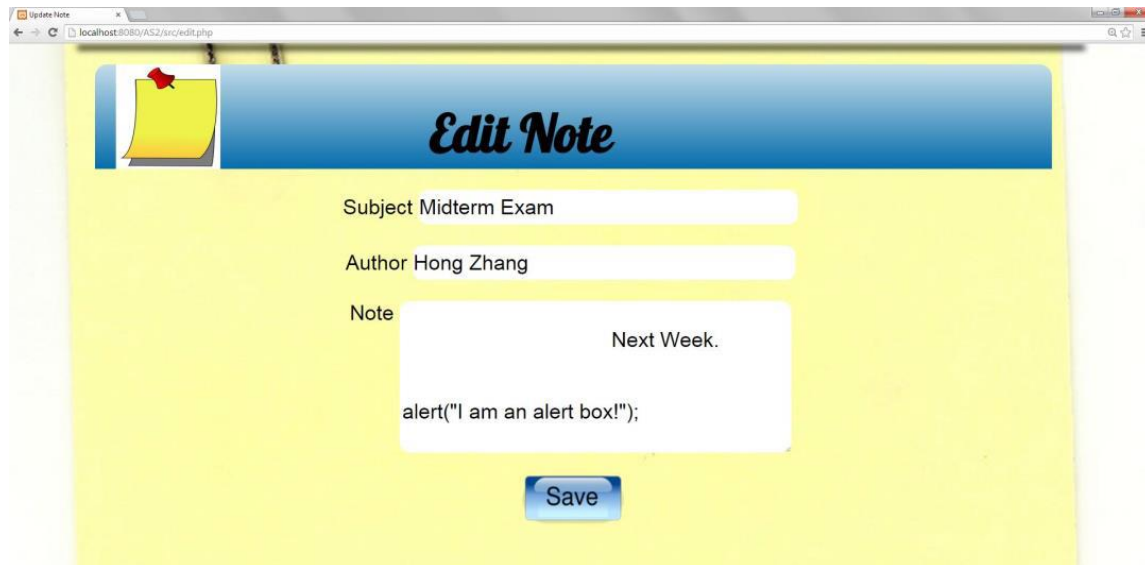


If just open directly show.php without the ID parameter, there is no note to show.



4. Edit a note in edit.php

The user can click the edit button in index page or show page to edit the note. After updating, user can go back the home page.

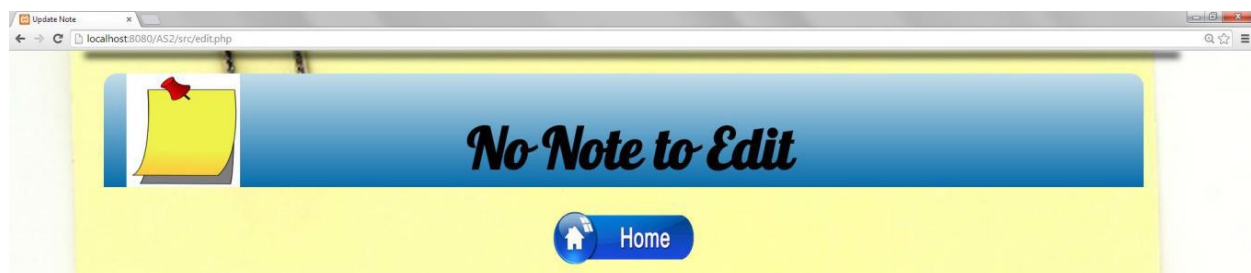


The screenshot shows a web browser window with the URL `localhost:8080/AS2/src/edit.php`. The page has a yellow background and a blue header bar with the text *Edit Note*. Below the header, there are three input fields: "Subject" with the value "Midterm Exam", "Author" with the value "Hong Zhang", and "Note" with the value "Next Week.". Below the "Note" field, there is a small white box containing the text `alert("I am an alert box!");`. At the bottom of the form, there is a blue "Save" button.



The screenshot shows a web browser window with the URL `localhost:8080/AS2/src/edit.php`. The page has a yellow background and a blue header bar with the text *Note Update*. Below the header, there is a summary of the updated note: "Subject: Midterm Exam", "Author: Hong Zhang", "Note: Next Week alert('I am an alert box!');", "Total Characters: 51", and "Created or Last Revise Time: 2015-10-20 21:38:19". At the bottom of the page, there is a blue "Home" button.

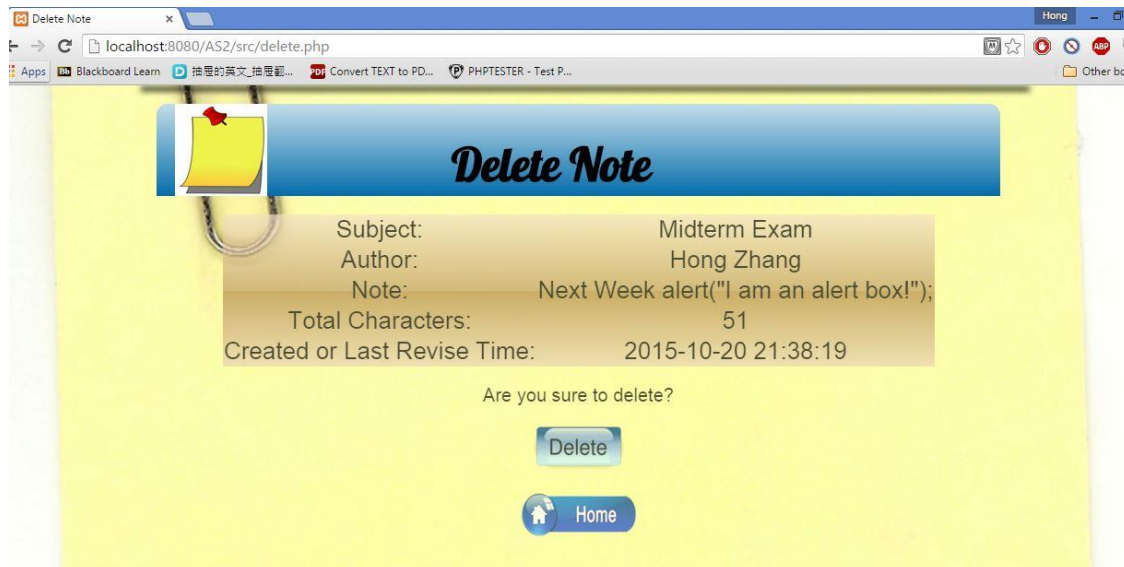
If just open directly edit.php without the ID parameter, there is no note need to be edited.



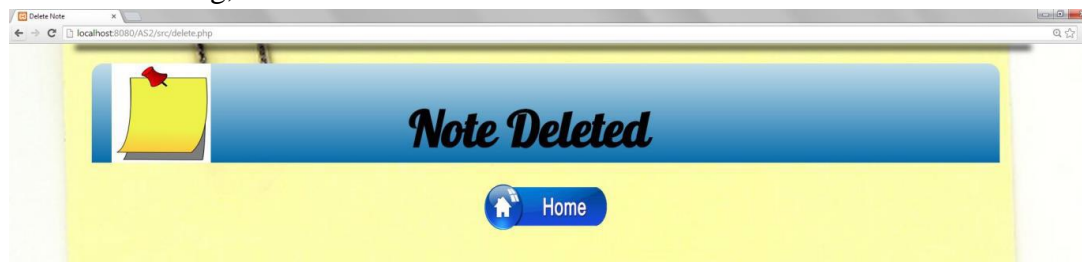
The screenshot shows a web browser window with the URL `localhost:8080/AS2/src/edit.php`. The page has a yellow background and a blue header bar with the text *No Note to Edit*. At the bottom of the page, there is a blue "Home" button.

5. Delete a note in delete.php

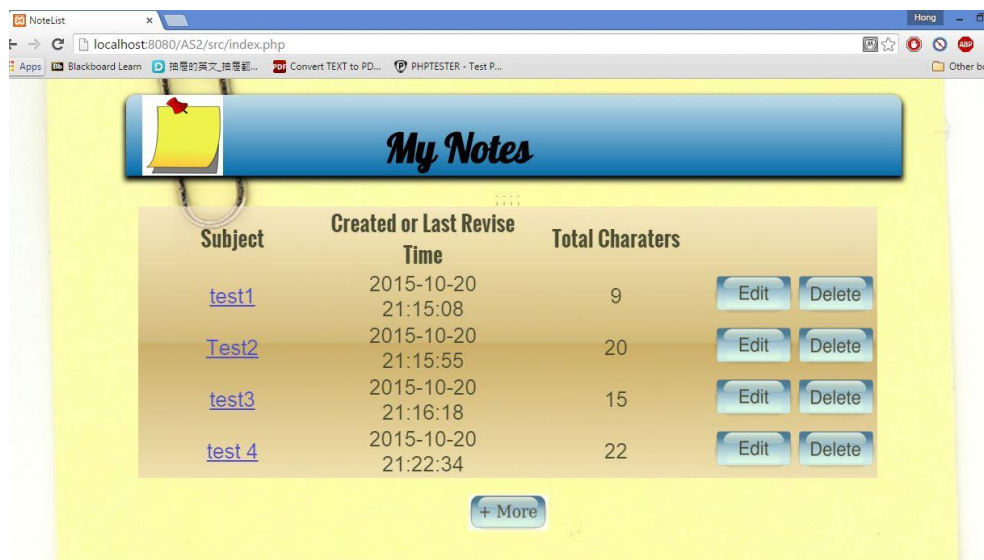
User can choose delete button in home page or show page to delete a note. Before deleting this note, there will show the note information and confirm the user's deleting requirement.



After confirming, the note will be deleted.



User can come back to home page to check it.



If just open directly delete.php without the ID parameter, there is no note need to be deleted.

