ID1354
Internet applications
Assignment 4

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Goal

- Learn to implement basic security and performance requirements.
- Learn to use AJAX.

- No new functionality is added to the **Tasty Recipes** web site. Instead you will implement non-functional requirements, thereby improving the user's experience.

Mandatory Task

Implement security handling as described in the following subsections on lecture 11.

- File System Security

- Input Filtering

- Password Encryption

- Cross Site Scripting

- Impersonation

The report must clearly show that you have considered all content in these subsections.

Limits of Mandatory Task

- You are not required to consider the database security subsection.

- To set the username of the Apache server might be complicated. It is allowed to skip this if facing problems. However, the report must show that you have tried.

- You do not have to use HTTPS, but the report must show where HTTPS should be used.

Optional Task 1

Implement performance improvements described in two of the following subsections on lecture 11. Note that you are allowed to skip one of the subsections.

- Client-side validation

- Caching

- Persistent Connections

The report must clearly show that you have considered all content in the subsections you chose.

Optional Task 2

Use AJAX for the comment section of the **_Tasty Recipes_** web site.

This means the you shall not reload the entire page when comments are entered, instead, use AJAX to post comments.

Also use AJAX to read comments from the server.