



ID1354
Internet applications
Assignment 3

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Goal

- Learn **PHP** programming.
- Use a **database** for persistent storage.
- Use a **framework** that gives good **architecture and design** for the PHP server, for example **Laravel**.
- You will write a PHP web application to handle registrations and user comments on the ***Tasty Recipes*** web site.

Mandatory Tasks

The following tasks must be solved and reported at the seminar.

1. Store **recipe comments on the server**, in the PHP program, instead of the client side.
2. Add **registration** to the ***Tasty Recipes*** web site. A new user shall provide **nick name**, **username** and **password**. This information shall be stored on the server.
3. Add **authentication** (login) to the ***Tasty Recipes*** web site. The username and password provided at registration shall be used to log in.
4. Only **authorized** users (those who have logged in) shall be allowed to add comments to recipes. Users shall be allowed to edit only their own comments.

Optional Tasks

The following optional tasks gives one higher grade point each. You may choose freely among these tasks.

1. Use a **database** to store comments and user data persistently on the server.
2. Use the **Laravel** framework in *all* your PHP code.

Task 1, Store Comments on Server

- This does not change anything on the client, except that comments do not disappear when the web page is reloaded.
- A persistent store is not required, it is enough to **store data in fields in the PHP code**. This means comments will disappear when the server is restarted.

Task 2-3, Registration and Login

- Add a **new page** where the user can register and login.
- A persistent store is not required for user data, it is enough to **store data in fields in the PHP code**. This means registrations will disappear when the server is restarted.
- This new page must **match the style of the web site**. This applies to for example colors and fonts.
- You must **explicitly choose** font size, family and style; foreground and background color; mouse hovering and link behaviour. *None* of these properties may have the default value just because it is the default.

Task 4, Authorization

- Only authenticated (logged in) users shall be able to comment on recipes.
- Only authenticated (logged in) users shall be able to edit comments.
Users shall only be able to edit their own comments.