



ID1354
Internet applications
Assignment 4

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SCS/ICT/KTH

Goal

- Learn **Web Sockets** programming.
- Learn to write **unit tests** for a PHP program.
- Use a **framework** that gives good **architecture and design** for the PHP server, for example **Laravel**.
- You will implement registrations and user comments on the ***Tasty Recipes*** web site using Web Sockets.

Mandatory Tasks

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

1. **Web sockets** shall be used for all client-server communication related to a single recipe page, including user comments for the recipe.

Optional Tasks

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

1. Write complete **unit tests** for all your PHP code.
2. Use the **Laravel** framework in all your PHP code **or** the **Knockout** framework in all your JavaScript code.

Task 1, Web Sockets

- Replace all HTTP communication on the recipe pages with Web Sockets. These pages shall **never reload**, but instead be updated using JavaScript.