User Register Page Design Documentation

## 1. User story

User is able to register on the website by using register page which was created specially for that. The user which successfully registered successfully for the website has got his own account. User is able to additionally add recipes, edit his/her recipes, save favourite recipes for later, change password, delete account and log out from the website.

To successfully register to the website user needs to press button Login on the main page which is located on the navigation bar in right, top corner on the top of the screen and write information – email address, username and password. Password needs to be write two times. When user put all of this information he/she needs to press button Sign UP. If the information are correct the server is adding the user to the database and move the user to the main page for users with account.

## 2. Acceptance Criteria

To successfully register the user, the user needs to give information like – email address, username and password, but these information can’t be any information. Email address:

* Needs to have recipient name – part before @
* needs to have @ in the address
* needs to have domain name – needs to contains a hyphen(-) or a period (.)
* needs to have top-level domain – for example .com, .net, etc.

Only emails which meet all these criteria, are validated.

Username:

* Required 150 characters or fewer
* Letters
* digits
* @/./+/-/\_ only

Only usernames with these criteria are validated.

Passwords:

* can’t be too similar to your other personal information
* contain at least 8 characters
* can’t be a commonly used password
* can’t be entirely numeric

Only passwords with these criteria are validated. Password and confirm password needs to be the same. If they are not the same website needs to tell it to user and wait for him to put two the same passwords.

The website shouldn’t register the user if any of this criteria are not met. If any of the criteria are not met the website should tell user about it and show which value he/she needs to change.

In addition, each of the text entry windows should be protected against hackers such as code injection. The page should not allow any programming code for example, DROP TABLE or something like this, to be entered into the user data input boxes.

When user will put all correct information, all of them will be validate, password and confirm password are the same, the user is moving to the his profile page.

## 3. User interface – Pseudo code

The register page is page which is doing a lot on the client and server sides. Client side:

* put username
* put email address
* put password
* confirm password

Server side:

* validate email address
* validate username
* validate password
* confirm that password and confirm password are the same
* inform user if any of the validation failed
* when all of the validation passed, server needs to add user do the database
* move user to profile page
* start session for user