NGUYEN Hoang Minh Tri - DIEP Chi Kien - NGUYEN Trong Khoa - NGUYEN Ngoc Chau Sang
THÉSA GROUP

# WEBINT 2014 - ASSIGNMENT 4 - MASTER CHEF PROJECT

## PROJECT DESCRIPTION

Our team created a cooking web page, which gives user recommendations about cuisine and nutrition. In the homepage, based on user's profile and his/her browsing history, we suggest to him/her the food that he/she might be interested in. For every dish, we provide the details about nutrition information and how to cook with different ways of presentations (instruction videos, images, tutorials). Users could also search the database if he/she does not find any suitable dishes for their meal by providing:

- Which meal they are going to make: breakfast, lunch, dinner, snack, etc.

- For how many people. (The instructions are scaled proportionally)

- Special restrictions: diet, vegetarian, religion, etc.

Users are able to save the foods that they are interested for later viewing in 'MY MEAL' page. (see */mymeal.html* for detail).

## HTML5 FEATURES USED IN THE PROJECT

In this application, we used different kinds of features of HTML5 to implement various features of the page and give users an interactive experience. In particular, we used:

- New structural constructs like < *nav* >< *header* >< *footer* >< *session* > etc. to provide semantics for our web page.

- HTML5 local storage for storing users' favorite foods (see MY MEAL page)

- File Drag'n Drop - users can drag and drop their images to web page to input their avatars. (see */register.html* for details)

- Geolocation - to locate users' current location to determine nearest shops for ingredients. (see */detail.html* for details)

- Audio, Video - users do not need any plug-in to load the video. We also support different video formats to make the page viewable on almost any major browsers. (Firefox, Chrome, Safari, etc.)

- Media Fragments URIs - we fragmented the instruction video step-by-step, so that users can easily access to different parts of the instruction without unnecessary seeking.

- Form validation for validating users' input when providing register information.

- Cookie - it's not a new feature in HTML5 but it is very helpful for storing small data during a session or specified duration. We applied cookie for login and "remember me" function in the *login.html* page.

## GITHUB LINK

The project is available at: `https://github.com/nncsang/MasterChef`