SmartCook

Basic summary of the Czech-Polish Erasmus+ project for "developers".

**We must do (commitment; necessary technological minimum; part of the project documentation)**

* web presentation (static page, information about the project, articles, photos...) about the project (info page)
* modern web application "**SmartCook**"
* database, records:
  + raw materials (name, type, units, allergens, prices...)
  + prices (guide price of the raw material for the given country, I would give the ISO code for the country id)
  + recipes (name, description)
  + recipe\_has\_raw material (in addition to FK, quantity and unit)
  + about allergens
  + about...
* generate recipes according to preferences for a few days in advance, including a shopping list
* generation filter (selection preference):
  + about raw materials
    - (yes and no)
    - expiration of food (days until consumption?)
    - quantity (value + unit)
  + cost level (cheap, standard, luxury?)
  + about diets (only deal with allergens yet?)
  + by the number of servings
* REST API (server side, JS, PHP, HTTPS, JSON...)
* GUI (web, HTML, CSS, JS…)

**Czech do:**

* Web presentation (status, fulfillment of articles)
* Web application (development, implementation, testing)
* We take pictures and film the progress of the work
* Workshops

**Poles do**

* educational presentation of the gastronomy industry
* social networks
* recipes for the web application
* cooks/takes pictures of food

**Comment**

* Do the minimum necessary, then deal with system expansion!
* Administration with user accesses and management is not required.
* No user management required. Maybe then in version 2.0.
* The recipe will be unit (default is one "standard" portion) and thus scalable.
* How to effectively insert recipes without administration? Use REST and JSON?
* Static elements to JSON, dynamic elements to relational DB.