



Application recettes
Project Specifications

1 - CONTEXT

Presentation of the organisation

Henri Bunot plans to start his own activity of market gardening. For the moment there is no such organisation for this activity.

Project and context

Through his future company, the project client wants to suggest recipes to his customers depending on available vegetables (that can be included into a basket). Those recipes live in a database. This feature is exclusively accessible by the project client through a connection panel.

The project falls within the development plans of the future company that aims to distinguish the activity from the competition. As a prototype, the application must at least be operational and usable.

Following initial discussions, it has been agreed to expand the original idea so the application can also be usable by the end user. The additional features will be developed on the initiative of the development team.

Benchmark / competitive positioning

The main competitive advantage of the project is its unique approach that suggests a recipe depending of available products

Most of the competitors in the Comminges area don't have a website. Here is a non exhaustive list:

Joan & Marguerite Quartier Séraut 31350 Boulogne-sur-Gesse Site web : http://canlahaut.wixsite.com/canlahaut	Jardins du Comminges domaine des tilleuls 31210 Huos Site web : www.jardinsducomminges.org	Dominique et Cyril SARTHE Laserre de Monbousin 31420 Cassagnabère-Tournais	Cécile et Thomas FAURE La Burce 31420 Terrebasse
Martin BONNET Déouédes 31350 ESCANECRABE	Thierry et Elodie WURTZ La ferme d'Endouines 31350 Escanecrabe	Vert de terre Nicolas Charrier Caretech 31160 Rouede	Ferré Gérard 12 r Chapelle 31360 SAINT MARTORY
David Bruno quart Vignaut 31510 MALVEZIE	José et Virginie Quartier le Plan 31510 Cier-de-Rivière		

2 - STRATEGY

Objective strategy

The main objective of the project is to allow the project client to suggest his customers recipes in accordance with the season and the available products.

The second objective is to allow the project client to highlight his activity through several features (recipe of the week, vegetable of season, market maps, instagram feed, etc.)

Target strategy

The platform is divided in two sections. The first one is a showcase open to anyone without logging in. The second one manages recipes. It has to be accessible only by the project client through a connection panel.

3 - PROJECT SCOPE

Structure and Content

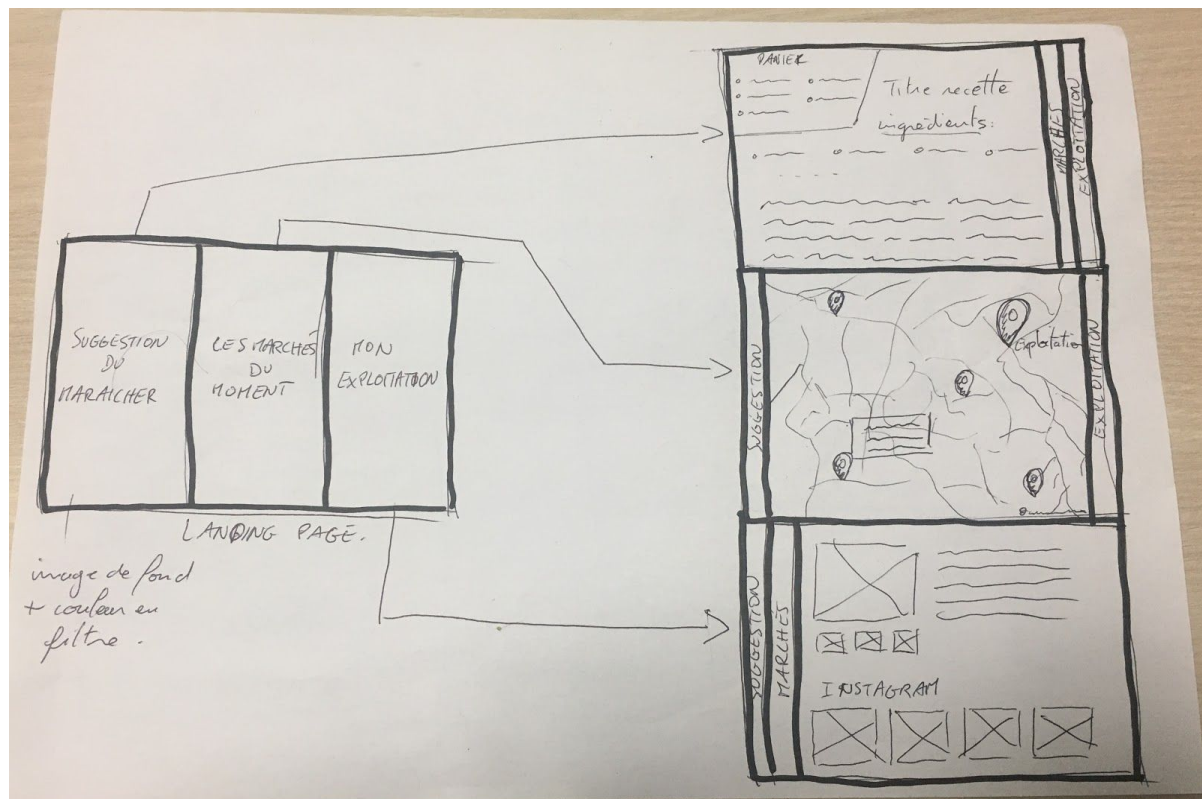
The platform developed takes the form of a website divided in two sections:

- The first is a showcase available to anyone. It will contain:
 - The market gardener's suggestions
 - The markets (calendar, map)
 - The farm (description, photos, instagram feed)
- The second part is divided into four sections. It will be developed in priority and accessible via a login panel
 - Add vegetables
 - Add recipes
 - Basket and Recipes (search of recipes and printing, highlight one recipe)
 - Markets (add cities)

First Part

Image : Suggested imagery

This section has three equally spaced sections. When one is clicked it expands to fill 90% of the screen. The two others shrink on the sides.



Section 1 : The Market Gardener's Suggestion

This section suggest a basket of vegetables and one related recipe both highlighted by the market gardener according to the season, for example.

Section 2 : The markets

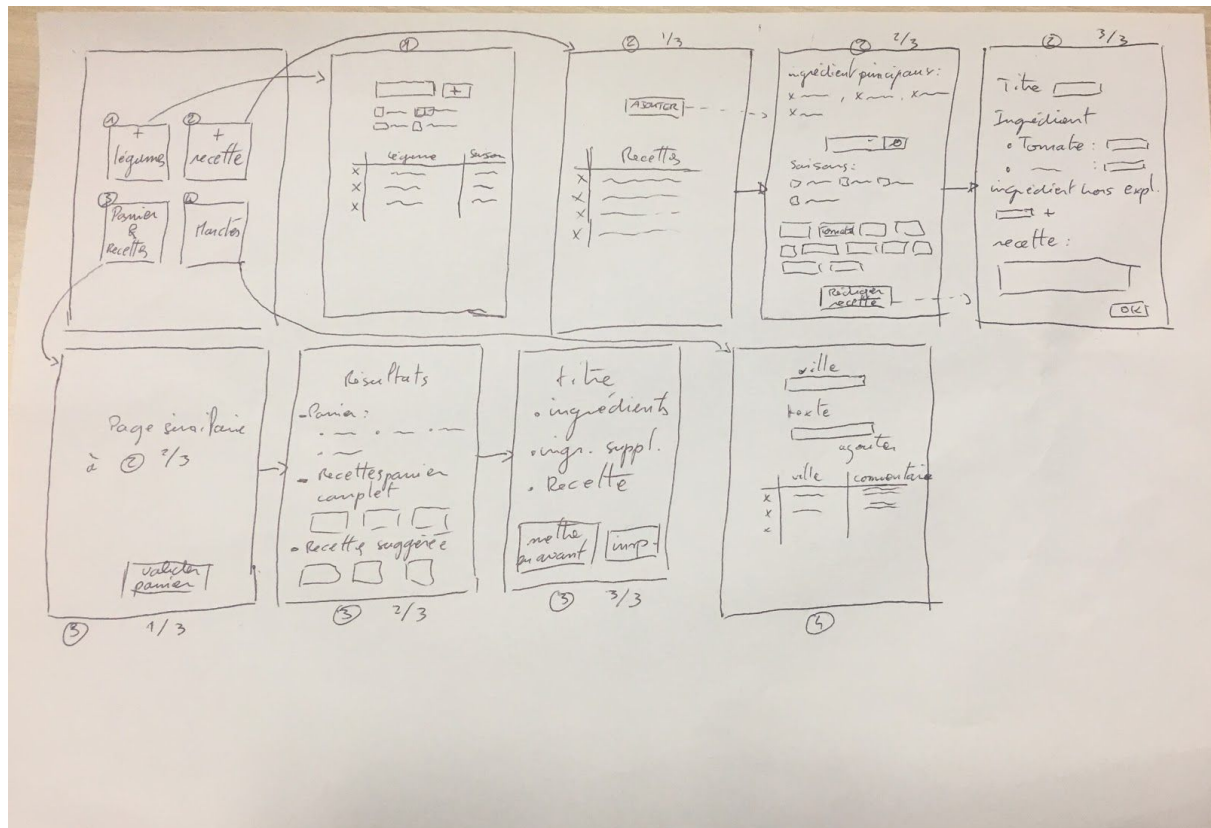
This section provides a map representing all the markets in which the market gardener is present through the month. Each market is clickable via a pin. When clicked, a box pops up on the side displaying details previously filled by the gardener.

A bigger pin represents and locates the farm.

Section 3 : The farm

This section presents the farm through some text and images. In order to animate this page, it is suggested to add an instagram feed connected to the farm's account. The images will be automatically updated.

Second part



Connection panel

The market gardener log-in to access their dashboard divided in four sections.

Section 1 : Add vegetables

This section includes a list of vegetables from the database. It is possible to delete any of them at anytime. The name and the season(s) of the vegetable are displayed in the list.

Above the list, it is possible to add a new vegetable and to select the season(s) related to it.

Section 2 : Add recipes

This section summarises though a list the already available recipes in the database. It is possible to delete any of them at anytime, visualise them and to print them.

Above the list, there is a link to add a recipe that leads to a new page. That new page displays all the available vegetables in the database as clickable card. It is possible to search for a vegetable using the search bar, which triggers the cards to be displayed in order of highest relevance. Possibility to filter the result by season. The selected vegetables are added to a "main ingredients" section. They can be deleted from this section at anytime by clicking a cross next to them.

When the market gardener considers their selection is done, it can then be validated. That opens a new window in order to write the new recipe.

This page has title, ingredients (selected before, it is possible to add quantity information), extra ingredients, detail of the recipe inputs. When validated, the gardener is redirected to the updated recipes list.

Section 3 : Basket & Recipes

This section allows for the selection of vegetables following the same principal as written above: the vegetables are available as selectable cards. Possibility to search for a vegetable through a search bar, the displayed vegetables dynamically update to display only the ones that match the search. Possibility to filter the result by season. The selected vegetables are added to the “main ingredients” section. They can be deleted at anytime by clicking a cross next to them.

When the gardener considers the selection is done, they can then validate that choice. It will open a page result that displays the basket, the recipes that use the complete basket and suggested recipes that use partly the basket. By clicking on a recipe, a new window appears that displays the details as well as a printing button and a “highlight this recipe” button (if clicked, the previously highlighted recipe is replaced by the new one).

Section 4 : Markets

This section allows the gardener to add markets to which they go. It is possible to select a town and add information related to it (dates, recurrence, etc.). Below, the list of the markets already available in the database. It is possible to delete a market at anytime. This information updates the map from the “market” section in the showcase part.

Project identity

The navigation must be intuitive and guided. The website will be developed mobile first and will be therefore responsive. The project identity will be colorful, fresh and modern in order to distinguish the project from the competition.

4 - TECHNICAL ARCHITECTURE

Technical choices

The technologies used are the PHP framework Laravel and the CSS framework Bootstrap. Javascript and jQuery will also be used.

Hosting

The platform will be hosted on Heroku.

5 - CONSTRAINTS AND RESOURCES

Expected service

The development is done by the student of the Simplon Web Development School. The objective is to develop a working prototype that will allow further developments.

Period

Developed in a two week period starting on monday the 24th of july, the prototype and its deliverables will be delivered by Sunday the 6th of August, midnight at the latest, deadline of the project.

The presentation date is yet to be defined.

Budget

Non applicable : the work is done voluntarily by the students. Therefore, there are not subject to an obligation of result.

Remarks

The project deliverables are :

- The bill of specifications (including wireframes, uml modeling)
- The user manual
- Source code and the project's online version