

# Project pitch

TEAM 99

# Team

| <b>Name</b>      | <b>Student number</b> | <b>Email</b>                  |
|------------------|-----------------------|-------------------------------|
| C.T.T Le (Thành) | 2737387               | lecungtuantranh@student.vu.nl |
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# Overview

Our aim is to design an interactive system to manage recipes.

The system should be independent of recipes, adding and modifying recipes should be easy for users.

The system should be constructed in a way that is easy to use and accessible by both younger and older users.

# Overview

Our aim is to create an application that is able to:

- Create, Save & Manage all your recipes
- Add custom notes to any recipe
- Plan your shopping with ease
  - Add missing ingredients of any meals to a shopping list
- Lookup recipes of your appetite & time available

# Stakeholders

- Students or young adults with limited time and basic cooking skills
- Seniors or people with limited technological knowledge
  - User-friendly interface
  - Least interaction as possible
- Professional chefs at restaurants

# Functional features

| ID | Short name             | Description   | Champion   |
|----|------------------------|---|------------|
| F1 | Recipe management      | (CRUD) Create, Read, Update, Delete recipes. This is the core of the system.  | Kyle       |
| F2 | Pantry & Shopping list | Mutable lists of Ingredients. This will help the users keep track of ingredients owned, and add any missing ingredients to the shopping list.                     | Shivangi   |
| F3 | Execution              | Let the user walk through the recipe step-by-step and check whether the ingredients are available. This feature will allow users to easily follow the recipe.     | Thanh & Tu |
| F4 | Annotation             | The user can add/edit notes for each instruction of a recipe. This will allow users to add their thoughts and extra info.   | Kyle       |
| F5 | Lookup & Filters       | Recipes can have tags (i.e. vegan, beef, halal, etc.) and can be filtered based on the tags. This feature will make it easier for the users to look for a recipe. | Shivangi   |
| F6 | Sorting                | Sort recipes by name or time in minutes. This will make it easier for the users to follow the recipe list that is provided to them by the system.                 | Thanh      |
| F7 | Up-to-date             | The function getRecipe() is regularly called to update recipes based on recent data collected from the user   | Tu         |

# Quality requirements

| ID  | Short name          | Quality attribute      | Description   |
|-----|---------------------|------------------------|---|
| QR1 | Persistence         | Compatibility          | Recipes are persisted as JSON files and the system is able to load/save recipes from/into a predefined folder |
| QR2 | Fast Recipe Opening | Performance efficiency | Get the RecipeList and open a Recipe in under 3 seconds   |
| QR3 | User interface      | Usability              | Make it easier for the users to interact with the system.   |

# Time log

|                    |                            |                    |              |
|--------------------|----------------------------|--------------------|--------------|
| <b>Team number</b> | 99                         |                    |              |
| <b>Member</b>      | <b>Activity</b>            | <b>Week number</b> | <b>Hours</b> |
| Kyle               | Define functional features | 1                  | 0.5          |
| Shivangi           | Define functional features | 1                  | 0.5          |
| Thanh              | Define functional features | 1                  | 0.5          |
| Tu                 | Define functional features | 1                  | 0.5          |
| Kyle               | Define quality features    | 1                  | 0.5          |
| Shivangi           | Define overview            | 1                  | 0.5          |
| Thanh              | Define quality features    | 1                  | 0.5          |
| Tu                 | Define overview            | 1                  | 0.5          |
| Kyle               | Improve presentation       | 2                  | 0.5          |
| Shivangi           | Improve presentation       | 2                  | 0.5          |
| Thanh              | Team contract & Time log   | 2                  | 0.5          |
| Tu                 | Improve presentation       | 2                  | 0.5          |
|                    |                            |                    |              |
|                    |                            | <b>TOTAL</b>       | 6            |



# Signed contract

[https://drive.google.com/file/d/1gQ\\_\\_YvTPi72MSkwjKO4Al0eOam8lCKvD/view?usp=sharing](https://drive.google.com/file/d/1gQ__YvTPi72MSkwjKO4Al0eOam8lCKvD/view?usp=sharing)

<https://docs.google.com/document/d/1G5DBSBV-51lekluszYqNWIDt7FFtBjzblkC3gnynTiM/edit#>