Versione pre-alpha

**MISSING TITLE**

**INTRODUCTION**

The following documentation is meant to show the functionalities of the system, the phases of the software development, a description of how the system X was implemented and the testing activities to which the system was subjected.

The system X offers an overview on the most famous Italian cities in the culinary field: it allows to know the typical dishes of each location by showing their recipes and the restaurants where they can be eaten. The system allows to select some ingredients and it shows the dish that can be cooked consequently;

For each dish, it is possible to write a variant of its recipe. Moreover, for each restaurant, the system allows seeing some info like its prices, and it is possible to read all the reviews on TripAdvisor and to write a new one there. The system X also allows scheduling the meals in the best restaurants placed in the selected city.

The system X has some features in common but also some new functionalities compared to two already existing software:

1. **cucchiaio.it:**

* Common features: both systems allow the user to find the typical food of various Italian places and related recipes.
* Advantages of system X: it offers the possibility to look for restaurants where it’s possible to eat typical food. It also allows organizing the meals on a trip by showing the restaurants that offer typical food of a specific place.
* Disadvantages of system X: it doesn’t allow to look for recipes with filters such as “fast recipes”, “kid recipes”, “vegan recipes” or “easy recipes”.

1. **TripAdvisor:**

* Common features: both systems let to find and review restaurants of various Italian cities.
* Advantages of system X: it offers the chance to read the recipes of the typical dishes and eventually add variants.
* Disadvantages of system X: it’s not a support that allows to organizing entirely a trip, so it doesn’t have areas dedicated to flights, hotels or vacation houses.

**USER STORIES**

1. As a tourist that never visited the place, I want to know what’s the typical food, so that I can taste it.
2. As a user, I want to read the recipe of all the dishes, so that I can cook them at home.
3. As a user, I want to select the ingredients I have, so that I can find the recipe I can cook.
4. As a registered user, I want to add a variant of an existing recipe, so that the tourists can choose their favourite way to cook it.
5. As a user, I want to add some ingredients of a recipe to a shopping list, so that I can remember what I have to buy to cook the dish.
6. As a tourist, I want to look for the restaurants in a city where I can enjoy a typical dish so that I will have an amazing experience with food. (RIV)
7. As a user with low economic possibilities, I want to choose the cheapest restaurant, so I can eat the local typical food spending as little money as possible.
8. As a user, I want to be able to save three restaurants I have found during the search so that I can view them also in a second moment. (RIV)
9. As a tourist, I want to receive a schedule for the restaurants on a trip so that I can taste the typical food in the place I will go to.
10. As a registered user, I want to be able to put a review for the restaurant where I ate, so that other users can read it.
11. As a tourist with high demands, I want to be able to look for restaurants in a specific range of quality (I), so I can eat the typical food only in the best-rated places.

**Dictionary**  
(I) Quality: vote based on the reviews.

**FUNCTION REQUIREMENTS**

1. The system shall provide the name of the typical food of the place searched by the user.
2. The system shall provide the dishes with:  
    -their recipes;  
    -the restaurants placed in the city where these dishes are typical.
3. The system shall provide the recipe that fits best with the selected ingredients.
4. The system shall provide the writing of a new version of a recipe.
5. The system shall provide:  
    -the adding of some ingredients of a dish to a shopping list;  
    -the removing of some ingredients from the shopping list.
6. The system shall provide a list of the restaurants that stick to the user budget.
7. The system shall provide the memorizing of three restaurants. (RIV)
8. The system shall provide the schedule of the restaurants on a trip.
9. The system shall provide a review system.
10. The system shall send a notification to the user every time he sends a review for a restaurant. (RIV)
11. The system shall provide a list of restaurants based on the defined range of ratings.

