**E- Recipe Platform**

Project Description

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## Background Description

“When you acknowledge, as you must, that there is no such thing as perfect food, only the idea of it, then the real purpose of striving toward perfection becomes clear: to make people happy, that is what cooking is all about.”, (Keler, 2018).

Food is what all living creatures need in order to survive. It comes in different forms and aspects, for each individual and plant. Food might be sun energy, a plant, water or meat, it is always different, but its intent is to furnish energy and nutrition.

Since ancient times, people as well as animals were hunting for food. It was one of the basic instincts of all living creatures. Throughout years, hunting has been replaced with agriculture, pastoralism and farming. In this way people have adapted themselves to their environments.

Food has always served as a carrier of culture in human society, people were inventing different dishes that were meant to mirror their affiliation to a specific culture, country or region. They were keeping the instructions and ingredients needed to make the dish, also known as recipe, usually in written form, for future generations. It was their treasures and no other individuals could know their secrets of making a particular dish, except their family members.

Throughout years things have changed, and people started to share their recipes, promoting their unique and valuable dignity. Individuals were in need to show the world their recipes, as a proof of their amazing skills of making a dish. Sharing first started with recipes in form of recipe cards, this evolving to recipes book. With the development of modern society, new and easier­ ways of sharing have been developed and it is safe to assume the demand on newer and better recipes will rise.

## Definition of purpose

The purpose of this project is to create a platform where people all over the world can post their recipes and see the recipes posted by other people, while being able to express their opinion on another’s recipe in the form of a review.

## Problem statement

The focus of this project is to make an online platform that would allow users to register and access their profile in order to create and post a recipe, update a previous posted recipe, delete a recipe and, also to see the recipes posted by other people with the possibility of creating a review them.

Problems to be undertaken:

* What data storing system should be used?
* How to connect stored information with user interface?
* How to forward information between different components of the network?
* How to make a system that could be modified/adapted later in an adequate way?

## Delimitation

* The system will not be granted advanced security features
* The system will not be provided a chat for communication between users

## Choices of models and methods

|  |  |  |
| --- | --- | --- |
| What  Partial problem | Why  Why to study this problem? | Which  Which models are expected to be used to solve the problem? |
| What data storing system should be used? | In order to have a system that works effectively, it is needed to have an adequate way of storing data | Relational Database |
| How to connect stored information with user interface? | In order to have proper information for every user of the system | Layered Architecture |
| How to forward information between different components of the network? | To provide system stability | Web services |
| How to make a system that could be modified/adapted later in an adequate way? | To make the system maintainable | SOLID Principles |

## Time schedules

For this project the time scope is evaluated to approximately 1100 hours, corresponding to 550 hours per developers, in a 2 members team. The starting date being early September 2019 and the ending date being 2nd of December 2019.

Estimated milestones:

* Project description 01-10-2019
* Project implementation 30-11-2019
* Project delivery 02-12-2019

## Risk assessment

|  |  |  |
| --- | --- | --- |
| Risk | Solution | Responsible |
| Arguments in group | Discuss every occurring problem in its early stage and/or get in touch with supervisors | Dumitru Rares |
| Not following time schedule | Keep track of work needed to be done by having everyday meetings | Dumitru Rares |
| Project information and progress loss | Using version control | Dumitru Rares |
| Difficulties in understanding unfamiliar concepts | Mutual help and practice | Dumitru Rares |
| Bugs in final system | Using FDD (feature driven development) in testing every new feature, black and white box testing | Dumitru Rares |
| Document does not meet the requirements | Proof reading and document layout checking | Dumitru Rares |

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