

## Human–Computer Interaction

NOVA School of Sciences and Technology  
(FCT NOVA)

2020/2021

# MASTERBOOK

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STAGE #1



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**Practical Lab Class #2**

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October 10, 2020

# 1 Problem Description

One of the factors that is fundamental to the management of *society's daily tasks* is the *time* available. Whether *families* or *individuals*, the *time* spent on *daily tasks* must be managed accurately to achieve *goals*.

Often, the new "*Home Chefs*" have a problem to start new *recipes*. People *should not* be afraid to *try new things*.

Feeding, and remembering the *Maslow's Pyramid*, is a *physiological necessity* and is found at the base of the pyramid, thus supporting all adjacent layers.

With the rise of *remote work*, influenced by the current *pandemic*, people, as they spend more *time* at home, need to *plan* and *vary* their *meals*. For the *profitability* of *time*, it is necessary to have a *Recipe Repository* in order to be consulted, as well as its *ingredients* and *steps to follow*.

Sometimes, the imagination to *cook*, a little due to *routines*, is scarce. In some situations we have already faced the situation of having few *ingredients* and not knowing what to *cook*.

In addition to *time management*, it's also important made a good *resource management*. Thus, it becomes important to have knowledge of the places of sale of the *ingredients* that have the *best prices*.

As we live in an era of *social networks*, we sometimes find *recipes* in *Web searches*, but we do not find *any opinion* or *classification* of the same.

# 2 Target Users

Our target users, can be generalised as the following:

- *Teenagers/Young Adults*, starting to *cook* and learning about it;
- *Families* with limitations of *time*, due to their *jobs*, *home tasks* and *daily responsibilities*;
- *Elder People*, with difficulties and limitations of movements/dislocations;
- Inexperienced *Cookers/Chefs*, who want to learn new recipes with other experienced *Cookers/Chefs*;
- Experienced *Cookers/Chefs*, who want to *share* and/or *promote* their recipes with other people, including other *Cookers/Chefs*;

### 3 Project Goals

The purpose of our *application* is to simplify *revenue management*, which aims to make the most of *time*, *financial resources*, and *share opinions* about *revenues*.

The goals of our project are:

1. Create a ***Recipe Repository*** with a *step-by-step guide*, and *live timers* to ***ease up*** the *process of cooking*;
2. ***Recommend a recipe*** according to the *ingredients* indicated by *user*;
3. According to the objectives indicated above, the *application* will ***display the price of the recipe or ingredients*** selected by user;
4. ***Allow people to share and comment each other plates***, improving *recipes* over *time*;

### 4 Competition

The ***My Great Recipes*** (<https://www.mygreatrecipes.com/>) is a similar *Website/Platform* to ours, allowing the *users* to ***share*** *recipes*.

This *Website/Platform* has a good *graphical interface* but the *navigation* between options is ***not easy***, and a popup is constantly appearing for us to *register* or *download the mobile application*, following the annoying concept of the ***Syndrome of Click to Accept***.

With the development of our *application*, we intend to ***improve*** this aspects, which we consider being ***unnecessary***.

Other aspect, seen as a possible improvement to this competitor application is to implement the ***Project Goals 3)*** and ***4)***, mentioned above.