McFat Web Application Plan

Web technology
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1   Group presentation

Mac group is composed by four students and four different nationalities. Swedish, Croatian, Finnish and French. As part of our Erasmus exchange program, we want to develop a web application which could be used by a lot of people around the world and especially by Erasmus people.

2   Plan presentation

2.1   Web app description

Usually, when (young) people go to some foreign country, and they are not sure where and what to eat, the most simple choice is to choose a McDonalds restaurant. Therefore, we decided to create a web app that will help us finding the nearest McDonalds restaurant, but that will also give us some other important information.

For example, we might be interested in whether or not the McDonalds we want to visit has a drive in option, or maybe we just want to find out the exact calorie content of meals we want to eat. Also, additional information that we might find useful would be comparing prices from different countries, so we will know how much more or less money we would be paying compared to our home country. If we feel that we have the time, we will add more functionality along the way.

So our first feature will be to implement a map that will provide the nearest MacDonald restaurant to the user thanks to his current coordonates. (We already found open source databases for all restaurants in Europe and USA.)

Our second feature will be to compare the prices of MacDonalds meals in each country and show them by drawing a dynamic graphic. We will be able to select countries we want to compare. If we can find all the required databases we would also be able to compare the differences between availables meals in each restaurant.

Our third feature will be a menu picker that will help you to choose your menu depending on what you want (cheapest, fattest... whatever). And show the price of it depending on the country (if we can find the appropriate database for that.)

That is what our application's core will compose of. As we said, if we feel that we have the time to implement more features, we will.

2.2 Planning and Roles

Task	Estimated deadline	Who	Estimated Time
Project plan	until 18.11.	Bastien and Matteo	3 hours
Plan presentation	until 18.11.	Henrikki and Jens	2 hours
Result presentation	until 30.01.	everyone	5 hours

Implementation	Estimated deadline	Who	≈ 80 hours
Responsive map	14.12	2 people	10 hours each
Statistical drawings	10.01	2 people	10 hours each
Menu picker	20.01	2 people	10 hours each
Other features	30.01	2 people	10 hours each

Documentation	Estimated deadline	Who	≈ 12 hours
First drafts	01.12	Bastien	3 hours
Technologies description	30.01	2 people	3 hours
User manual	30.01	2 people	4 hours
Other documents	30.01	2 people	2 hours

2.3 Member responsabilities

As long as we will have new features to implement, we will work by teams of two people on each. In that way, we will be more efficient and more focus in our task. We have not decided who is going to do which task yet. We will decide it as soon as possible.

For our Mac Fat web application Bastien will certainly be the manager of the group. Making sure that every deadline is met and also keeping an eye on all the work to be sure that we reach the goal.