

## Tasks for this week

The fourth week of the Betterzon project has begun. This time the first task was to create an [Activity](#) Diagram for two use cases: “searching a product” and “crawler”. The second one was to make a [CRUD](#) Diagram. And last but not least we had to create a [Mockup](#).

### 1.1 Searching for a product

Well, the first and the most significant feature at such websites is to search for things. The Activity Diagram bellow shows you how we are going to implement it.

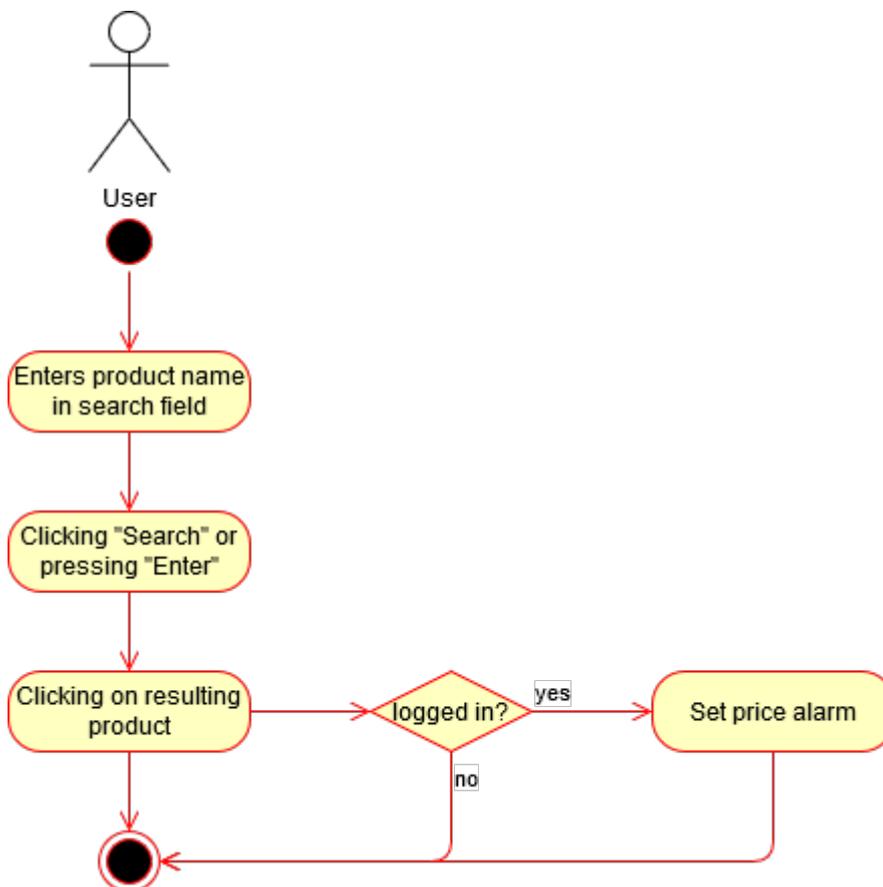


Figure 1: Search Product Activity Diagram

As you can see in order to search for a product one has to enter a product’s name and click on the “Search” button or press “Enter”. If you are lucky and there is a match then you can click on the resulting product and, in case you are signed in, set a price alarm. If you are not registered yet then don’t miss your chance to use the price alarm and spend 60 seconds to create an account. If you just forgot to sign in then move your mouse to the top

right corner of your monitor and do it.

## 1.2 The Web Crawler

[\*Crawler\*](#) is another significant component in our project, if not the most significant one. That is because its task is to fill the database with prices. Once our database is big enough you will be able both to compare more products and shops. Moreover we are going to configure our crawler so, that every night the prices of every product in our database will be updated. How will it work? Figure 2 shows you the Activity Diagram of the crawler in order to easy understand it.

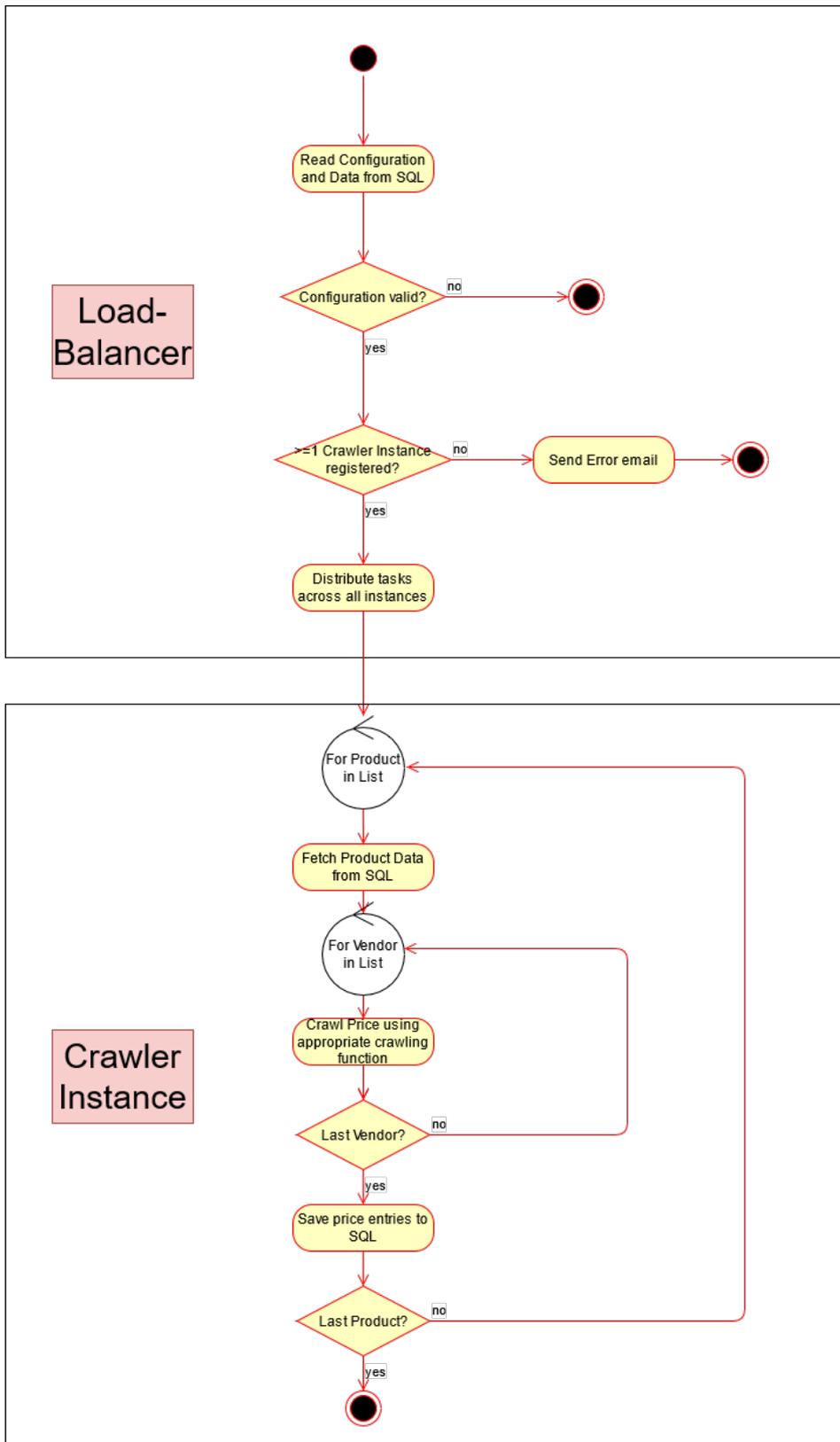


Figure 2: Crawler Activity Diagram

## 2 Searching a product

In the following you will see the CRUD diagram for editing a product.

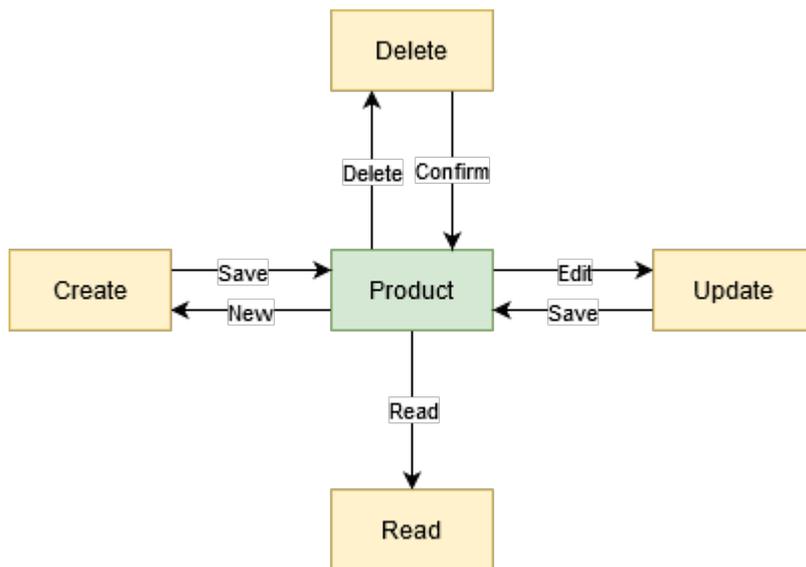


Figure 3: Product Editing CRUD Diagram

## 3 Possible Mockups

The mockups in the following are going to show you how your Betterzon could look like.

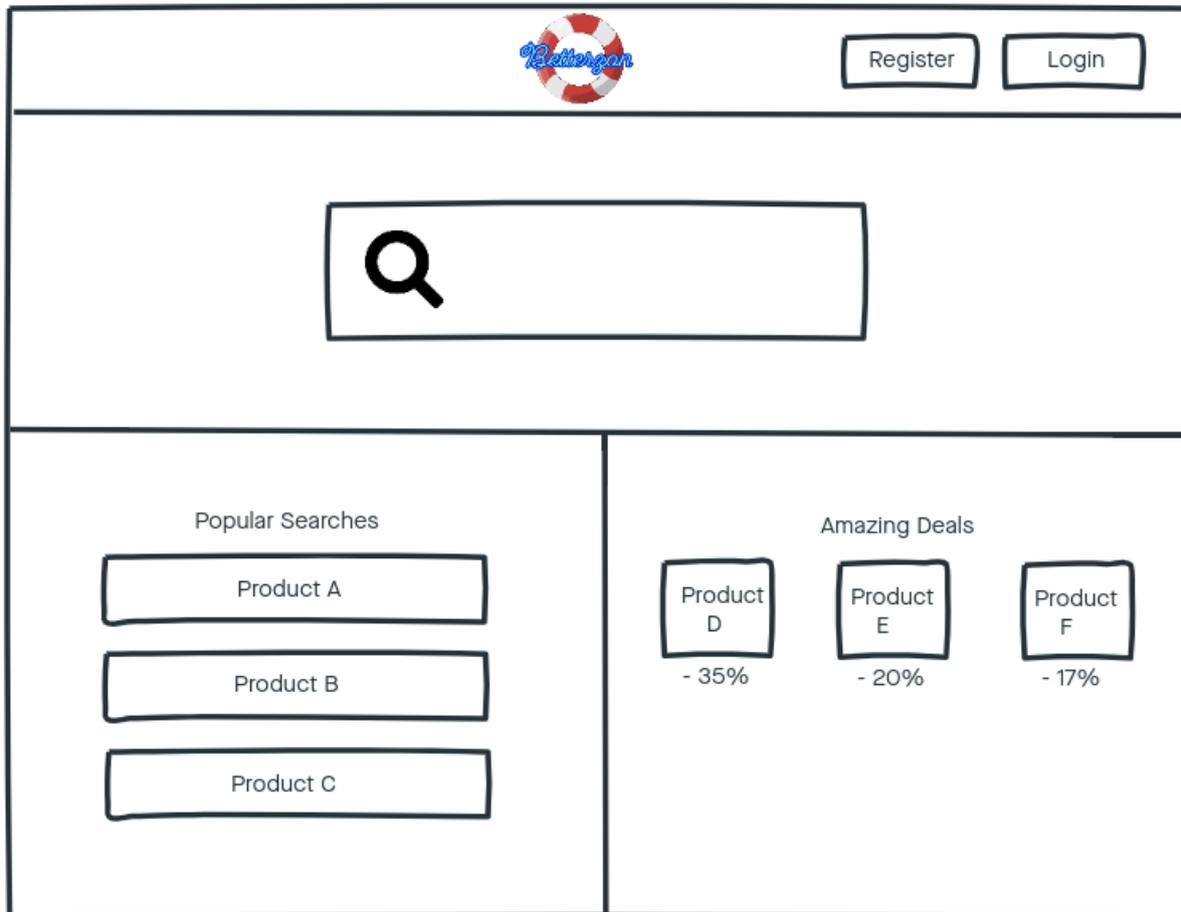


Figure 4: Home Page

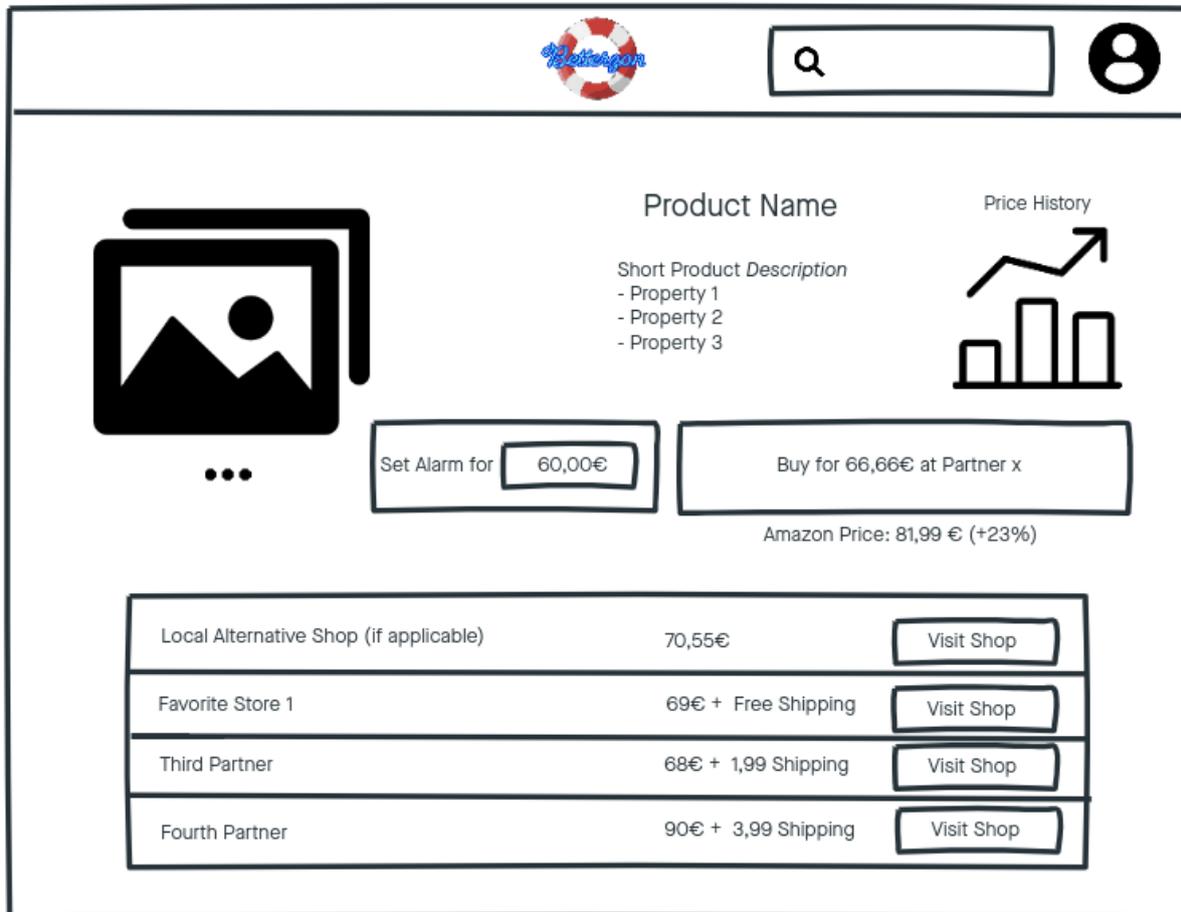


Figure 5: Product Comparison

As always guys, we are open for your suggestions and have a good week!