**Immagine che contiene testo, Carattere, Elementi grafici, logo

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**Master’s Degree in Computer Science**

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**WEB INFORMATION MANAGEMENT**

Usability analysis of

[**https://www.rottentomatoes.com/**](https://www.rottentomatoes.com/)

website



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# **1 Introduction**

Over the years Internet has become a powerful and useful tool able to connect information from different sources and providing it to everyone. The number of websites is consistently increasing day by day due to the high demand for information and services, but this information is not always simple to get.

There are many examples of websites with great purposes but badly designed which increase the users’ computational effort and make the navigation experience heavy. For all these reasons it’s important to study the usability of websites, a concept remarked in the following definition.

“Web usability is the discipline that studies how to design and then create a usable website.

A website is usable if it is easy to access and navigate, and if it satisfies the information needs of its users.”

The aim of the document is to analyse a real website to understand if it respects the usability principles that are so much important in the modern web. In this case the analysis is based on Rotten Tomatoes website; for this study just the desktop version has been taken into consideration.

# **2 Rotten Tomatoes**

This section presents the Rotten Tomatoes website in terms of its purposes and share of information. It is also discussed about the choice of its apparently strange name and its SERP positioning.

## **2.1 What is Rotten Tomatoes?**

Rotten Tomatoes is a popular American review website for film and television. The website compiles reviews and ratings from critics and audiences to provide a consensus score for movies and TV shows.

The Tomato meter is the primary metric used by Rotten Tomatoes to represent the percentage of positive reviews given by critics.

In addition to the Tomato meter, Rotten Tomatoes also provides an Audience Score, which reflects the percentage of audience members who enjoyed the movie or TV show.

Rotten Tomatoes is presented as a useful tool for measure the overall reception of a film or TV show.

## **2.2 Domain name**

On average, the name of a website increases users’ satisfaction by 10%-20%; so, a website name must be chosen appropriately, following some rules.

Even “rottentomatoes.com” seems to be a strange domain name for a website, it works because it respects the main principles of a good name:

* it is short and so, it is easy to memorize and write;
* it is unique;
* it is formed by real words (“*rotten*” and “*tomatoes*”);
* it sounds well;
* it takes the “.com”, which is the top-level domain that a site can use.

An interesting fact is related to the origin of this name. The name "Rotten Tomatoes" is a reference to the tradition of throwing rotten tomatoes at a stage performer who delivers a poor performance.

Beyond these considerations it is also true that the name doesn’t represent the content of the site, probably because the website relies on its fame through the television community. Anyway, a general user, who does not know Rotten Tomatoes, cannot understand that it is a review website for film and television.

## **2.3 SERP positioning**

To study the SERP (Search Engine Results Page) positioning of the Rotten Tomatoes website it has been used the online and freely available tool: <https://ahrefs.com/serp-checker> which simulates search engines behaviour over given keywords in different countries. For this test the selected country was “United States” since there have been considered, as possible searches, also the single words “***rotten***” and “***tomatoes***” which are common English/American terms not necessarily related to this website.

Several tests have been conducted over more specific and less specific keywords and the observed results are interesting. For instance, searching for the specific name “**rotten tomatoes**” returns the website in first position; nothing surprising since the website has been searched by its own name.

If the website is searched just by “***rotten***” (*Figure 1*), which is a common English word, the website is yet in the first position, also higher than the vocabulary definition for that word, this shows the power of the site indexing.

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Figure 1: SERP overview for "rotten" (22/01/2024)

If the website is searched just by “***tomatoes***” (which is again a common English word) the website is in sixth position; not bad since the website has been searched by just a common word.

Then the website has been searched with other keywords that represent the content provided by Rotten Tomatoes website. These searched keywords (with the relative position in SERP) were:

* “***film reviews***”: 2nd
* “***TV show reviews***”: 3rd
* “***best film***”: 3rd
* “***latest movies***”: 4th
* “***most popular TV shows***”: 8th
* “***matrix reloaded***”: 5th (tested with a real movie name)
* “***the big bang theory***”: 8th (tested with a real movie name)
* “***movies in theaters***”: 5th
* all the tried combinations with the keyword “***news***” never returned the website in the top ten of SERP.

Overall, the website is well indexed in the SERP and more time the website holds these positions more users’ flow it has.

# **3 Homepage**

There is a parallelism between a shop and a website, both tries to impress people by showing what they offer in their big windows.

A shop fails if it is not able to capture the curiosity of potential customers and so its flow is not great. This is similar on what happens on the web.

The homepage of a good website should attract people, it’s the window of the shop and if the first visit goes not so well the website has failed and users’ return rate goes down. This is the reason why the homepage is so important for websites.

This section critically analyses the homepage of Rotten Tomatoes website (*Figure 2*) considering different usability factors.

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Figure 2: Rotten Tomatoes homepage

## **3.1 Informative axes**

The informative axes provide a way to understand if the main information is clearly presented in the homepage of websites.

In fact, users try to extract this information from the homepage of a new website and if they are not able to get it, they generally prefer to go away. If a user chooses to stay or not only depends on how simple the page is to read.

The informative axes are six: WHERE, WHO, WHY, WHAT, WHEN and HOW. Each of the following sections critically analyse all the six informative axes.

### **3.1.1 WHERE did the user arrive?**

There are several voices in the menu, section titles and news which remarked that a user is arrived in a website that talks about movies and TV shows. This is good because a user can easily understand in which kind of website he is.

A user should also be conscious about his relative position on the website and it’s for this reason that a breadcrumb should always be present. In the homepage there is no breadcrumb, this could be acceptable since the homepage represents the first page of a website but in the deep linking scenario this is crucially important. In the internal pages analysis this fact has been considered deeply.

### **3.1.2 WHO is behind the website?**

Knowing the author of a website increases the users trust factor and this is not a superficial factor.

In the highest part of the homepage (the most visible portion) there are no information about the authors of the site. Actually, there is a voice that contains this information, which is the top right link “What’s the Tomatometer?” in *Figure 2*; a bad choice because new users, that never really heard about Rotten Tomatoes, cannot know what the “tomatometer” is. Common users try to get this information searching in other zones of the homepage and, if the homepage is scrolled until the end, the WHO axis is placed in the footer (*Figure 3*).

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Figure 3: Footer component

The highlighted box in *Figure 3* shows where the WHO axis is exactly placed in the footer, on the voice “About Rotten Tomatoes”. Typically, new users scroll the homepage by 23% of its size so they generally will never arrive to this information which is a bad position choice.

It is also possible to note that clicking on that link a user arrives exactly in the same page of the link “What is the Tomatometer?” placed at the beginning of the homepage and previously discussed. In fact, this link points to another section of the same page of “About Rotten Tomatoes” link.

Apparently, authors give more importance to make clear which is their measure of judgment instead of explaining who Rotten Tomatoes is. This behaviour can be related to the fame of the website, but this disadvantages new users.

### **3.1.3 WHY should the user stay?**

### **3.1.4 WHAT choices does the user have?**

### **3.1.5 WHEN? Which are latest news?**

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## **4.5 Search results**

### **4.5.1 Informative axes**

### **4.5.2 Structure**

## **4.6 Handle of 404 error**

### **4.6.1 Informative axes**

### **4.6.2 Structure**

# **5. Final evaluation**