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**Titre de Projet : Site Web Bibliothèque (Library Web site)**

A. PRESENTATION OF THE PROJECT:

**Analyse de l’existant :**

We will be using in this project the language HTML 5, accompanied by both CSS and JavaScript on the Visual Studio CODE to build our Frontend, PHP … for the Backend as well as Mango DB to create and manage our database.

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A.1. Objective:

We are going to create a website where the user can search for their desired books and buy them if they are in stock. The user can also log in or create a personal account with which he can create his personal list of books read, currently reading or planned to read, as well as the ability to rate books.

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A.2. Targets :

We target basically all the members of Moroccan society, first of all we will include books for kids such as story books and coloring books. Second are teenagers, who will find their fill with novels and educational books. And finally, adults who will have access to every genre out there.

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A.3. Project Scope:

Since there is more than one language spoken in Morocco, our website will be multilingual (Arabic, French, English). Payment will be on delivery everywhere in Morocco.

Our website will be compatible with mobile devices and will have an app as well. We will require some of the customer’s personal info such as full name, e-mail address, phone number and address.

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B. LES CONCURRENTS

Characteristics of our competitors:

Until this moment, there is no legit competitors in Morocco.

Difference between our Website and our competitor’s:

Us being the pioneers and already having an already existing library that will provides us with the products (books).

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C. ERGONOMICS & GRAPHICS:

C.1. Structure of the e-commerce site:

**sections and sub-sections of our e-commerce site:**

Our menu will contain:

* + Sign in / Sign up
  + Category
  + Language
  + Contact us

The ‘Category’ sub menu will have:

* + [Arts & Photography](https://www.amazon.com/s?bbn=1000&rh=n%3A283155%2Cn%3A1&dc&qid=1641073334&rnid=1000&ref=lp_1000_nr_n_0)
  + [Biographies & Memoirs](https://www.amazon.com/s?bbn=1000&rh=n%3A283155%2Cn%3A2&dc&qid=1641073334&rnid=1000&ref=lp_1000_nr_n_1)
  + [Business & Money](https://www.amazon.com/s?bbn=1000&rh=n%3A283155%2Cn%3A3&dc&qid=1641073334&rnid=1000&ref=lp_1000_nr_n_2)
  + [Calendars](https://www.amazon.com/s?bbn=1000&rh=n%3A283155%2Cn%3A3248857011&dc&qid=1641073334&rnid=1000&ref=lp_1000_nr_n_3)
  + [Children's Books](https://www.amazon.com/s?bbn=1000&rh=n%3A283155%2Cn%3A4&dc&qid=1641073334&rnid=1000&ref=lp_1000_nr_n_4)
  + [Islamic](https://www.amazon.com/s?bbn=1000&rh=n%3A283155%2Cn%3A12290&dc&qid=1641073334&rnid=1000&ref=lp_1000_nr_n_5) books and Quran
  + [Comics & Graphic Novels](https://www.amazon.com/s?bbn=1000&rh=n%3A283155%2Cn%3A4366&dc&qid=1641073334&rnid=1000&ref=lp_1000_nr_n_6)
  + [Computers & Technology](https://www.amazon.com/s?bbn=1000&rh=n%3A283155%2Cn%3A5&dc&qid=1641073334&rnid=1000&ref=lp_1000_nr_n_7)
  + [Cookbooks, Food](https://www.amazon.com/s?bbn=1000&rh=n%3A283155%2Cn%3A6&dc&qid=1641073334&rnid=1000&ref=lp_1000_nr_n_8)
  + [Crafts, Hobbies & Home](https://www.amazon.com/s?bbn=1000&rh=n%3A283155%2Cn%3A48&dc&qid=1641073334&rnid=1000&ref=lp_1000_nr_n_9)
  + [Education & Teaching](https://www.amazon.com/s?bbn=1000&rh=n%3A283155%2Cn%3A8975347011&dc&qid=1641073334&rnid=1000&ref=lp_1000_nr_n_10)
  + [Engineering & Transportation](https://www.amazon.com/s?bbn=1000&rh=n%3A283155%2Cn%3A173507&dc&qid=1641073334&rnid=1000&ref=lp_1000_nr_n_11)
  + [Health, Fitness & Dieting](https://www.amazon.com/s?bbn=1000&rh=n%3A283155%2Cn%3A10&dc&qid=1641073334&rnid=1000&ref=lp_1000_nr_n_12)
  + [History](https://www.amazon.com/s?bbn=1000&rh=n%3A283155%2Cn%3A9&dc&qid=1641073334&rnid=1000&ref=lp_1000_nr_n_13)
  + [Humor & Entertainment](https://www.amazon.com/s?bbn=1000&rh=n%3A283155%2Cn%3A86&dc&qid=1641073334&rnid=1000&ref=lp_1000_nr_n_14)
  + [Law](https://www.amazon.com/s?bbn=1000&rh=n%3A283155%2Cn%3A10777&dc&qid=1641073334&rnid=1000&ref=lp_1000_nr_n_15)
  + [Literature & Fiction](https://www.amazon.com/s?bbn=1000&rh=n%3A283155%2Cn%3A17&dc&qid=1641073334&rnid=1000&ref=lp_1000_nr_n_17)
  + [Medical Books](https://www.amazon.com/s?bbn=1000&rh=n%3A283155%2Cn%3A173514&dc&qid=1641073334&rnid=1000&ref=lp_1000_nr_n_18)
  + [Mystery, Thriller & Suspense](https://www.amazon.com/s?bbn=1000&rh=n%3A283155%2Cn%3A18&dc&qid=1641073334&rnid=1000&ref=lp_1000_nr_n_19)
  + [Parenting & Relationships](https://www.amazon.com/s?bbn=1000&rh=n%3A283155%2Cn%3A20&dc&qid=1641073334&rnid=1000&ref=lp_1000_nr_n_20)
  + [Politics & Social Sciences](https://www.amazon.com/s?bbn=1000&rh=n%3A283155%2Cn%3A3377866011&dc&qid=1641073334&rnid=1000&ref=lp_1000_nr_n_21)
  + [Reference](https://www.amazon.com/s?bbn=1000&rh=n%3A283155%2Cn%3A21&dc&qid=1641073334&rnid=1000&ref=lp_1000_nr_n_22)
  + [Romance](https://www.amazon.com/s?bbn=1000&rh=n%3A283155%2Cn%3A23&dc&qid=1641073334&rnid=1000&ref=lp_1000_nr_n_24)
  + [Science & Math](https://www.amazon.com/s?bbn=1000&rh=n%3A283155%2Cn%3A75&dc&qid=1641073334&rnid=1000&ref=lp_1000_nr_n_25)
  + [Science Fiction & Fantasy](https://www.amazon.com/s?bbn=1000&rh=n%3A283155%2Cn%3A25&dc&qid=1641073334&rnid=1000&ref=lp_1000_nr_n_26)
  + [Self-Help](https://www.amazon.com/s?bbn=1000&rh=n%3A283155%2Cn%3A4736&dc&qid=1641073334&rnid=1000&ref=lp_1000_nr_n_27)
  + [Sports & Outdoors](https://www.amazon.com/s?bbn=1000&rh=n%3A283155%2Cn%3A26&dc&qid=1641073334&rnid=1000&ref=lp_1000_nr_n_28)
  + [Teen & Young Adult](https://www.amazon.com/s?bbn=1000&rh=n%3A283155%2Cn%3A28&dc&qid=1641073334&rnid=1000&ref=lp_1000_nr_n_29)
  + [Test Preparation](https://www.amazon.com/s?bbn=1000&rh=n%3A283155%2Cn%3A5267710011&dc&qid=1641073334&rnid=1000&ref=lp_1000_nr_n_30)
  + [Travel](https://www.amazon.com/s?bbn=1000&rh=n%3A283155%2Cn%3A27&dc&qid=1641073334&rnid=1000&ref=lp_1000_nr_n_31)

**the possible navigation and search filters:**

We will filter the search process using five parameters (Price, Rating, Author, Publisher, Category, Status). The price and rating intervals can be chosen by the customer, he can also choose the author or the publisher as well as the category, he can specify either the book is in stock or out of stock.

C.2. Characteristics of product sheets:

Our product sheets will contain:

-Cover picture

- Price

- Description

- Author

- publisher

- category

- rating

- availability (number of available copies in stock).

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D. SPECIFICITIES AND CONSTRAINTS:

D.1. Website Content:

We will require the customer’s full name, e-mail address, phone number and geolocation. In the other hand we will create a website adapted to both computer and mobile as well as an application, linked to a database. We will be using as content format, texts and photos.

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D.2. Technical Constraints :

* Page Loading Speed.
* Traffic Sourcing.
* Deadline.
* Search Engine Optimisation.
* Maintenance.
* Troubleshooting.

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