**Masterpiece**

1. **Project Idea:**

There are many books which kept on shelves after people get enough of them and at the same time there is a lot of people who want to buy the same books, So the purpose of my masterpiece is to reuse these books and let people make money off these books and help other people to buy them with lowercase.

My masterpiece which is called “**Shelf**” is about a website that allows users to sell and buy their used books in Jordan.

1. **Project Objectives:**

* Allow users to make an account by registration on website.
* Allow users to log-in their accounts after registration.
* User should detect their city in Jordan to make connection between them much easier.
* Allow users to find their desired books by make categories and search input which can make it easier to users.
* Allow users to sell their used books and set the required selling price.
* Allow users to save their favorite books.

All these objectives must be achievable in phase one of project, which it’s time line in 27-March-2022.

1. **Project Stakeholders:**

Because my project will be a masterpiece to achieve my certification, as a Full-Stack Developer, from Orange Coding Academy so it will be an individual project but off course the trainers: Moahmmad AL-Shwaiki, Khadeejah Hamdan, Salameh Yasin and Ala’a Mohammad will be there to support and help me to finish my masterpiece.

My clients are people who like to read and share their books between them.

1. **Features:**

* Make a responsive website for all devices.
* Best Search Engine Optimization (SEO).
* Navbar includes the most important links in website.
* About us section which presents more information about website idea.
* Allow users to register in “Shelf” and has an account.
* Allow users to login to their accounts.
* Allow user to sell their used books.
* Show images of book that uploaded by user.
* Allow users to make a save books that they want to buy.
* Search Functionality which helps users to find books they search for.

1. **Project Phases:**

* **Phase One:** 
  + That includes having each user an account by registering on the “Shelf” website.
  + Allows users to save books they want to buy from other people.
  + Users will contact with each other by phone numbers or email
* **Phase Two:**
* I will add a chat to make it easier for users to contact with each other.
* The “Shelf” website will translate to English language.
* **Phase Three:** when “Shelf” becomes used by large number of user, its better to add a delivery feature.

1. **Technologies:**

The technologies that I will use in this project is:

* HTML5
* CSS3
* MYSQL/SQL
* PHP
* Laravel

1. **References:**

There is the same website idea which is the “Alefredobooks” website, it allows users to register and login, sell their books, search and select from categories.

But it has a poor UI/UX, a lot of dead links, and it uses google form to let people share their books.

In addition, there are a lot of groups in social media that provide the same idea and encourage them to share their books with those groups.

So my role is to not repeat mistakes of the “Alefredobooks” website, and know what services I should add to encourage people to use my website as social media group.

1. **Timeline:**

The detected timeline for this project is 27-March-2022.

**Project Initiation:** It is a masterpiece project; the main goal of this project is to reuse used books by allowing users to sell them on a “Shelf” website.

That includes having each user an account by registering on the “Shelf” website, and making a request of which book he wants to buy from other users.

* **Project Planning:** It depends on S.M.A.R.T Goals which are:
* **Specific:** A website that allows people to sell their used books and start buying from each other.
* **Measurable:** The website can be successful if I achieve all competencies that we should have at the end of the cohort.
* **Attainable:** The most important goals of my project are to make the best UI/UX in the “Shelf” website to attract people to use it and build the best database to which help me to return data for users smoothly.
* **Realistic:** This project is suitable for skills that I gained through this program.
* **Timely:** The “Shelf” website must be finished on 27-March-2022.

1. **Use Cases**

* **Admin Dashboard:** Allows admin to see all registered users, added books, and categories, and allows him to create/edit/delete users, books and categories.
* **Users:**

1. User can register by his name and email.
2. User can login with his email and password.
3. User can see all books either he is a guest or has an account.
4. User must have an account to add a book.