**# CS50 WEB PROGRAMMING FINAL PROJECT: Hand-Made**

**## Main idea**

I have created a web application that helps people who have a hand-made work to post and sell their creative and professional trade. The main contents are the following Pages:

- Home Page: It simply has ```<!DOCTYPE>``` declaration, links of Css and javaScript, navbar and footer and also other Pages which are displayed according to what users may need.

- Header Page: It represents a navbar that contains all information about the website like LOGO, categories, profile user, login, logout, search bar, favourite and cart icons.

- Footer Page: It has links such as home, services, about, terms, privacy policy and social media icons.

- Login, Logout Page and Register Page

- All Products Page: It contains all hand-made items.

- Category Page: It helps any user to choose a certain product.

- Search Page

- Product details Page

- Favourite Page: It includes the products which are preferred by any customer.

- Cart Page

- Add Product Page: It can be used only by admins in order to add new products.

**## Distinctiveness and Complexity**

Regarding distinctiveness, this website is Considered to be different from others due to its simplicity and clarity. Furthermore there are many options which enable any user to get access easily to certain pages.

Concerning complexity, there are Several steps have been done after completing all the requirements.Firstly, a user-flow (algorithm for website) by using BPMN program has been performed to include all the properties in the Project and to make sure that browsing the website is so easy for users.

Secondly, UI and UX (user interface and user expression) have been done by using Figma program to get an initial design for the website through Formatting colours, fonts, and dimensions.

Django framework, which is structured by Python, has been used to have four models. Finally, in order to set up a complete website that has a simple and beautiful interface, the frontend has been accomplis by using HTML, CSS, and Javascript.