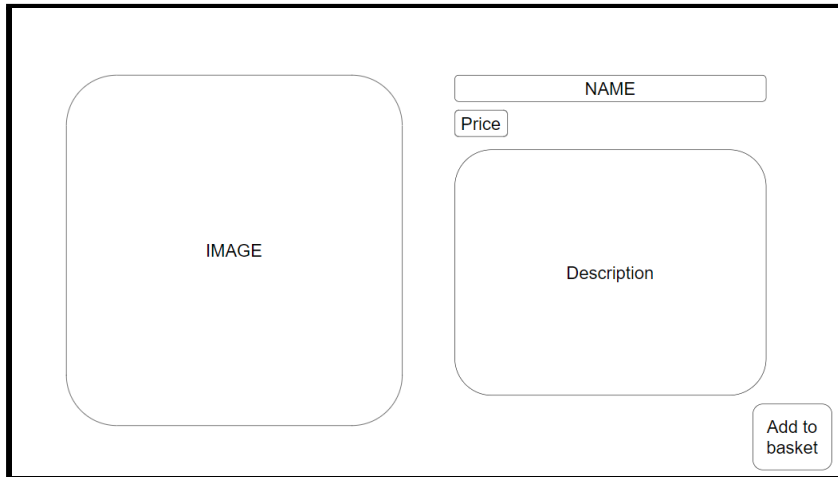Great buy

Requirements

Great buy is an application that simulates an online shop. The user is going to be able to use this application in order to shop for laptops. This application is going to simulate the usual shopping experience the user gets when visiting any other online shopping website. The classic features such as browsing the shop with a search button, filters, and log-in are a standardized norm in 2022 and therefore, they mustn't be excluded from our store. This application can either serve the buyer but also the seller. The buyer will be able to pick up his favorite laptop and proceed to the paying stage. The seller's log-in is going to be slightly different. The seller is going to be able to also shop on the website but is going to have a special feature of adding items to the shop. The user must specify all of the parameters that the laptop has. Both user and seller are able to shop in the application, however, this program is not going to have a paywall, and therefore it's only going to validate the number on the credit card. This application is going to be offline and is not going to be running on a server. In order to create a graphical interface, I will be using PySimpleGui which will provide a better user experience. Every order must be tracked and stored. For this I am going to be using a database. In this database, I will be writing USER_id, PRODUCT_id, PRICE, and Time.

1. Search bar = Search bar is going to be a feature that is going to search by a NAME of the laptop and will then display if there is at least **1 word matching** in the search

2. Filter = Is going to then display Laptops that can be filtered by = processor (Intel Core i9,Intel Core i7, Intel Core i5,Intel Core i3,AMD Ryzen 9,AMD Ryzen 7,AMD Ryzen 5),Storage type(SSD\HDD), Color(Black,Silver,White,Gray),Screen Size

3. Login = The user is going to be able to register and login into the system. If the user decides to register. His information will be then stored in the database. The information mentioned before consists of Username, password, Age, and Email address. The information age is going to be stored in form of a **CHECK BOX**. Whenever the user then decides to log in to the account. He\She is then going to have an access

4. When we decide to spectate the item that is going to be in the shopping section The user is then going to see an item and the description on the right
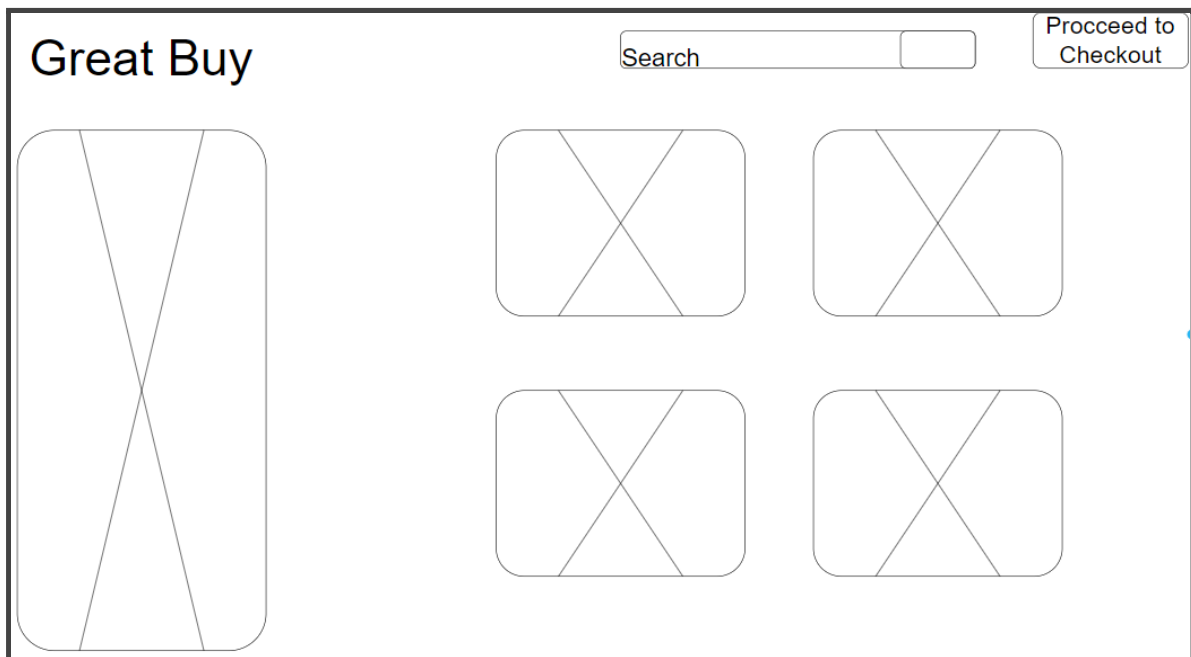
This is only the wireframe in order to sketch the final product. The final product might slightly differ from the sketches

Product window

NAME

Price

IMAGE

Description

Add to basket

Main Screen

Great Buy

Search

Procceed to Checkout