



MAY 5, 2020

BUYMYBOOKS
CAPSTONE

MIYA WASHINGTON



System Vision

Having a convenient way to trade, buy, and sell textbooks with my fellow students would convince my life. I wanted to make a website where students could post their IBN codes, and what books went with what classes. This would make finding textbooks that other students are selling easier and would reduce the cost of textbooks. If there are two students who want a textbook the other has, there will be the option to trade the textbooks.

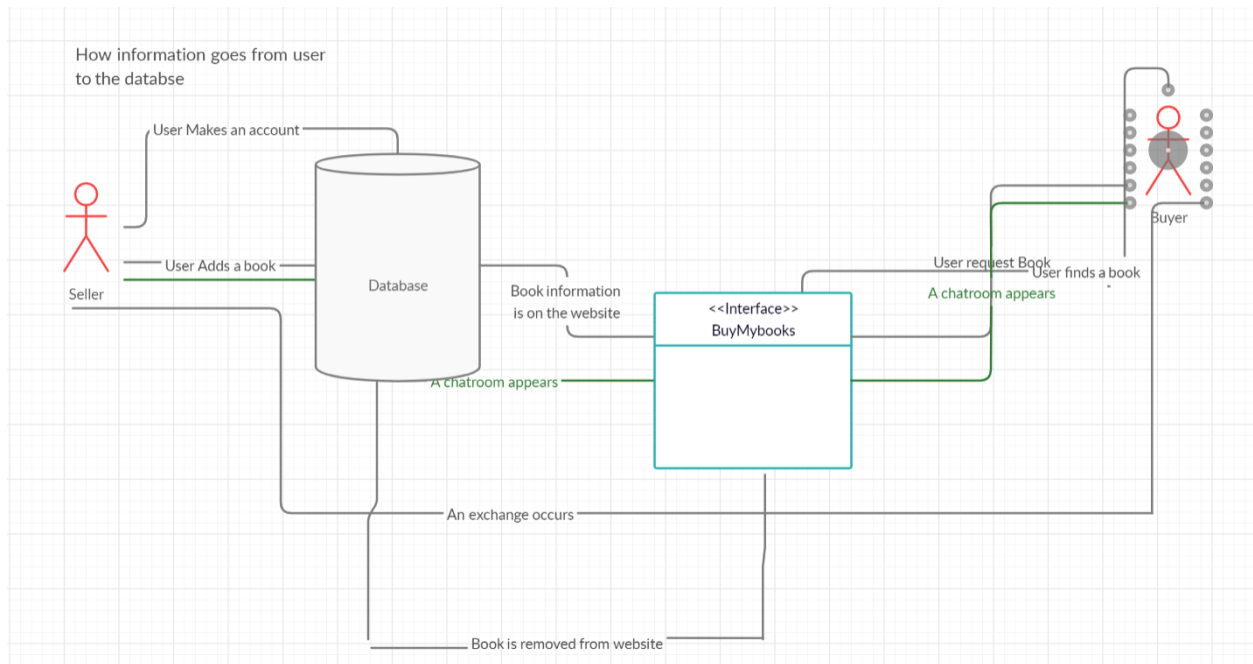
BuyMyBooks will allow the user to view, sell, buy, and trade textbooks. Users will be able to search for a textbook through the name, IBN code, class textbook is needed for, and professor that taught the class. When a user finds the textbook that is needed, they can create an account by filling out their email address, a unique username, and a password. With this account, the user can buy or exchange the textbook from another user. From there a chat function is created where the users can arrange the exchange. Through the same account, a user can place textbooks to be sold or exchanged. The target audience for this website is students at Christopher Newport University. Although in the future you could create a function that sorts people by schools to diversify the users.

StakeHolders

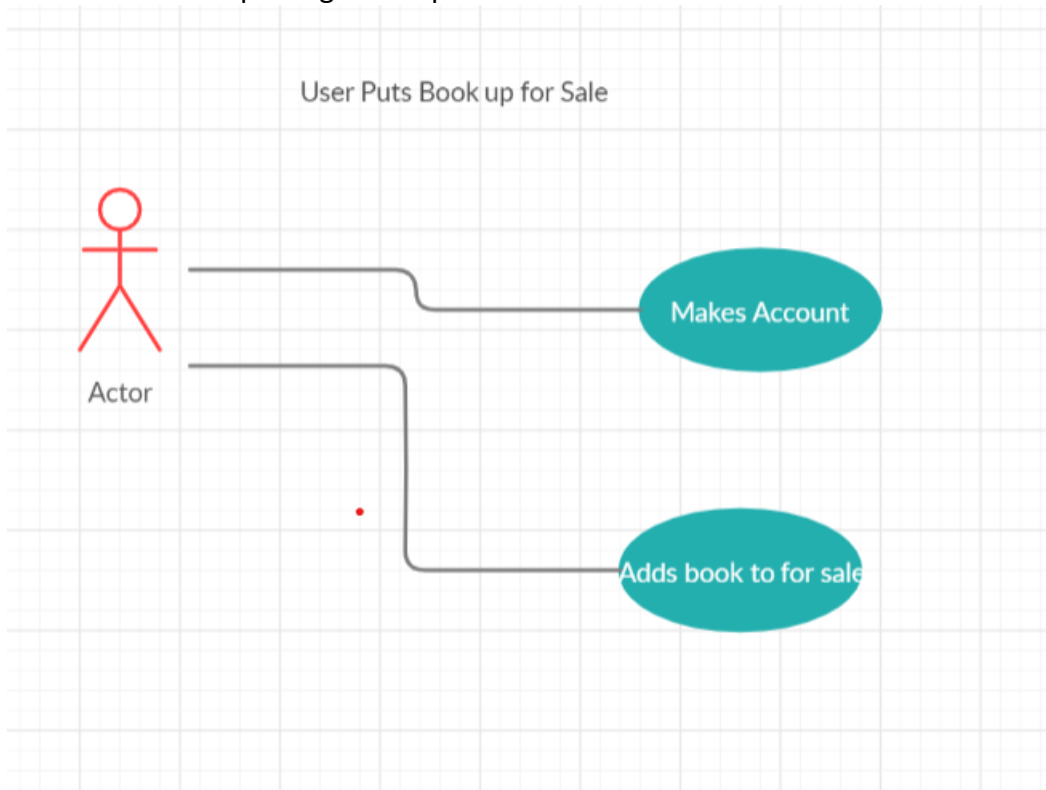
The Stake holders for BuyMyBooks are primarily College students. Companies that buy or sell textbooks are also stakeholders.

Usecases

Buyer Request a Book but an exchange does not occur

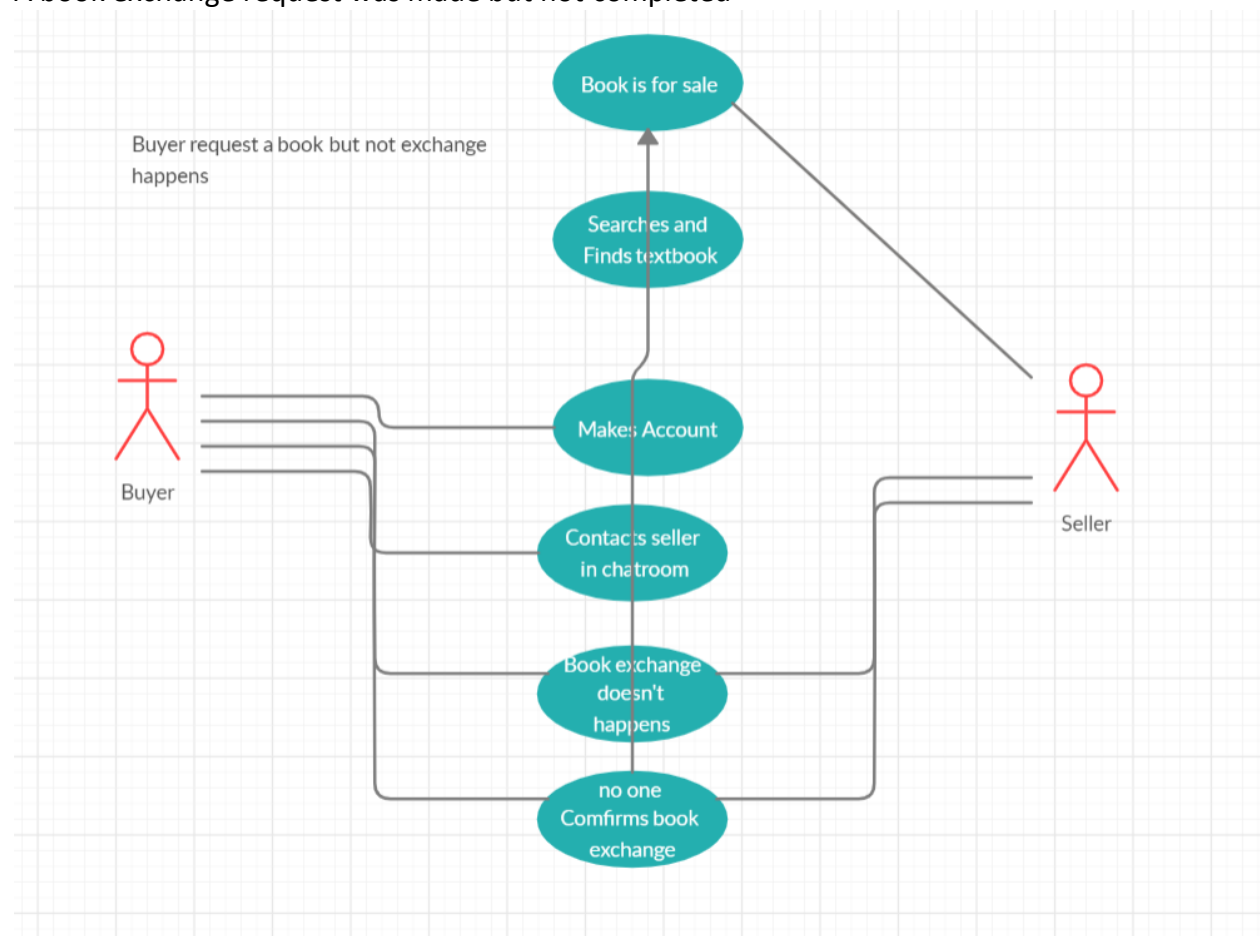


Use Case for user putting book up for sale

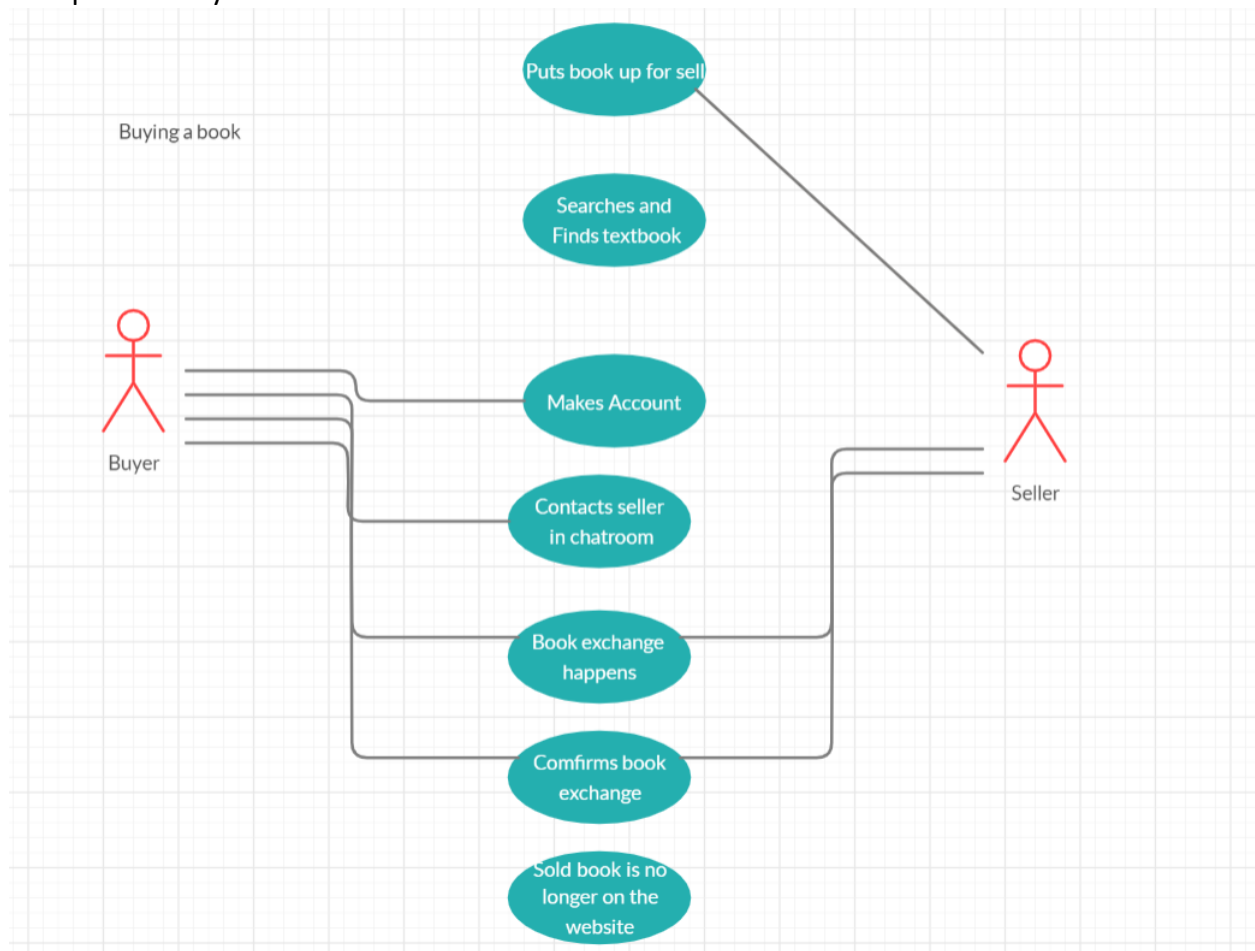


Bu

A book exchange request was made but not completed

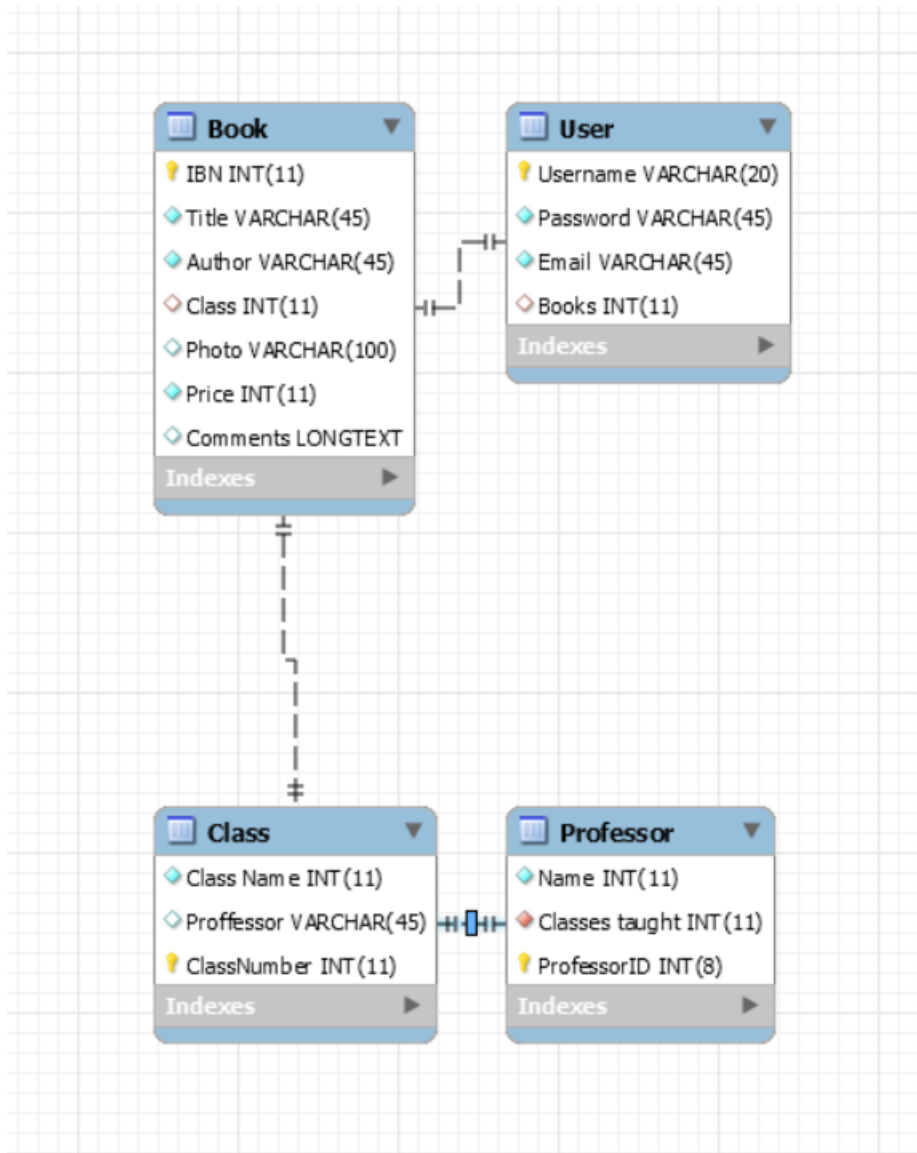


A request to buy a book

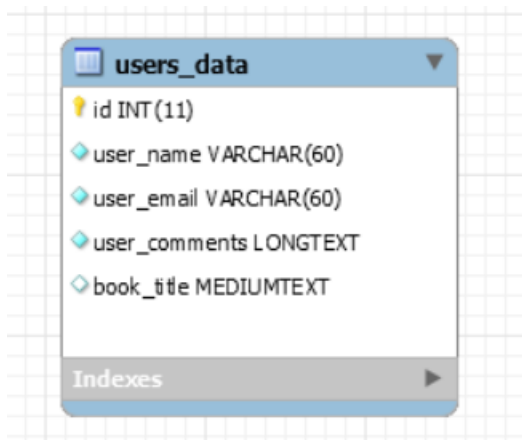


Data base Diagrama

Ideal Datavbase

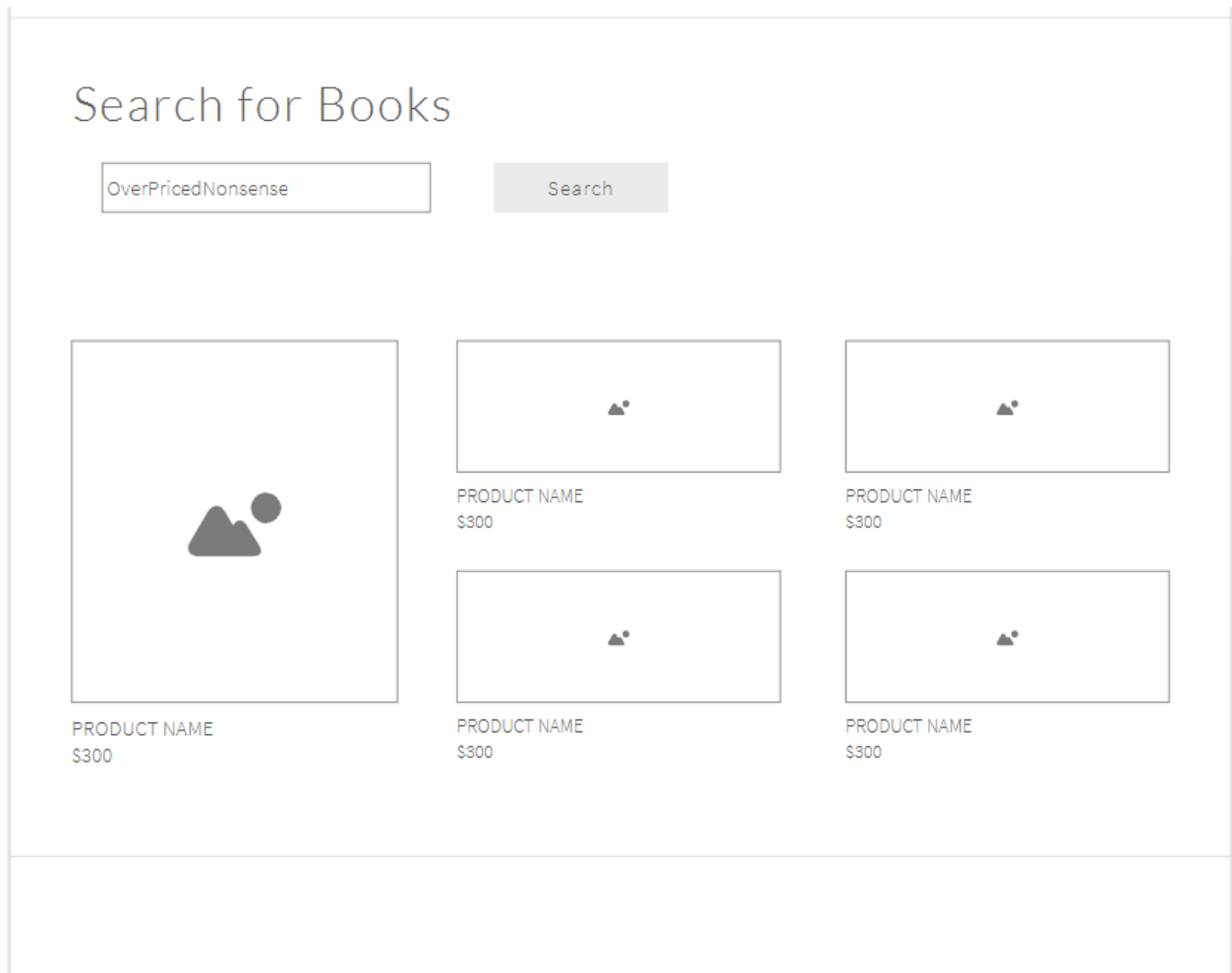


Used database

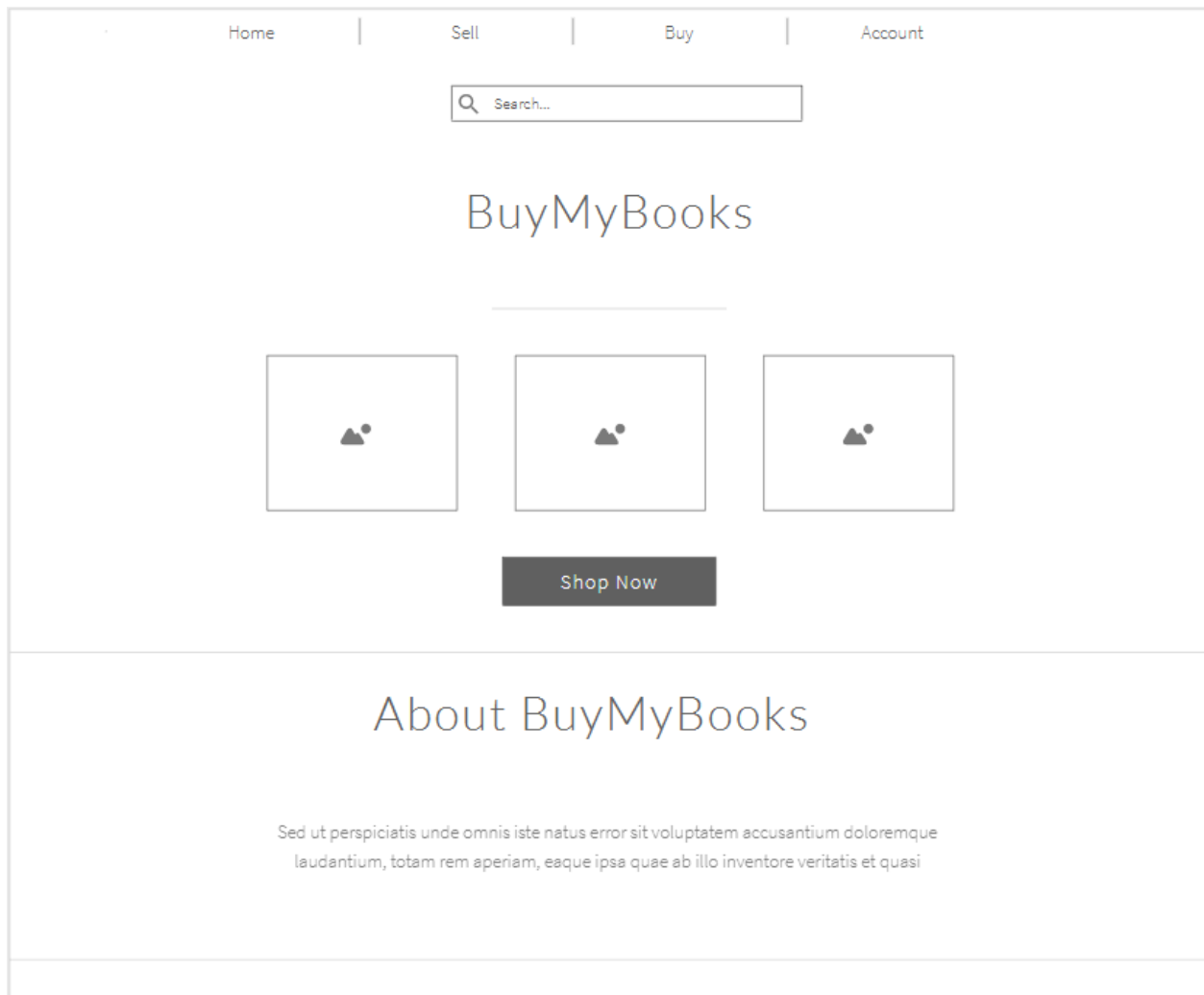


GUI Mockup

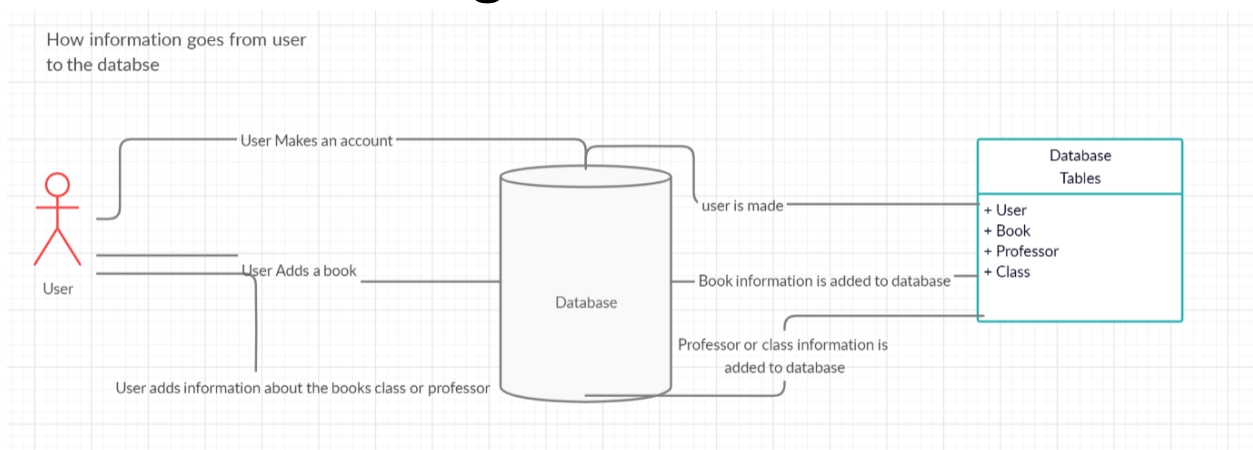
This is the mock up for the Home Page



How the main pages off the website



Architecture Diagram



Website Link

<http://phpstack-404065-1272006.cloudwaysapps.com/index.php>