

Web Pages:

- Home Page
- Login
- Register
- Auction setup page
- Auction/Product page
 - Bid history
 - Similar items
 - Seller Page vs Buyer Page
 - minimum bids on seller page, maximum bid on buyer page
- Help Page/Contact Customer Representative Page
- List of all auctions + sorting/filters
 - Search
- Public profile
 - List of auctions engaged in
 - Private Account info (only visible when logged in)
 - Alert setup
 - Inbox/Alerts
- Customer representative page
 - Search for removing bids and auctions
- Admin page
 - Self-destruct page
 - Customer representative creation page
 - Report generation

Products sold: Computer parts

- Memory (RAM)
- Fans, Heatsinks & Cooling
- Motherboards
- CPUs, Processors
- Graphics, Video Cards
- Power Supplies
- Computer Cases & Accessories
- Storage (SSDs, HDDS, etc)
- Other Computer Parts

Use cases:

Home Page: The home page will show the search bar, some popular items, and a link to the login and register pages. If the user is logged in, the home page will show items the user is selling and bidding on, and similar items to those they have bought that they might be interested in.

Login: Login page will display username and password fields and a login button. There will also be a “contact customer representative” for forgotten passwords.

Register: The user will be prompted to register on the registration page, the following information will be required: name, username, password, email, address, company name/title, payment information, birth Date, and phone.

Auction setup page: This page will show boxes for a seller to fill with info about the product they are selling. Depending on the subcategory of item selected, different fields will be shown, and of those fields, some will be mandatory (e.g. for a motherboard, the CPU socket type will be a mandatory field, while the color will not be mandatory). This page will allow the seller to set the reserve price, minimum bid increment, and the auction length.

Auction/Product page: The auction page will show the current bid on an item, and its bid history, sorted chronologically/in ascending bid order. If the seller is logged in, they will see the minimum reserve bid that they have set. If a bidder is logged in, they will see their last bid and the maximum bid that they have set. Logged-in users will see a button they can press to place a bid on the item, which will be done with a pop-over on the page. Since bids are binding, bidders must navigate several levels of confirmation to ensure that they do not accidentally bid. If the logged-in user is a customer representative, they will see a button to delete the auction, and a button on each bid in the bid history list to delete the bid.

Help & Contact: The help and contact page will have at the top a possible solutions tab for common issues which are prevalent with most users and solutions to those problem. There will also be an additional tab for which you can browse for solutions by specific topics (Ex: Buying, Selling, Managing Account, etc...). At the bottom of the page there will be a Contact Button which will allow you to call or chat with a customer representative, email will also be an option.

List of all auctions: this page will show all the auctions in the database, with the ability to filter them by various criteria, such as item type, price, and whether or not the auction is over.

Public profile: A user's public profile will show a list of auctions in which they have participated as a buyer or seller and their name and location. If the user is logged in, they will see be able to

edit that account information and their payment information, and set up alerts on items they are interested in. The logged-in user will also be able to select if they want an email notification or just an internal YABE alert visible on the website

Email: This page will display all emails such as bid notifications or end of bidding notifications to sellers and buyers. Buyers can also receive notifications if they are no longer the highest bidder. Customer representatives would receive help requests in their email account.

Customer Representative Page: This page will only be available to those users who are customer representatives. The page will have a search option for looking up specific users, deleting them, resetting passwords, removing bids, and removing auctions.

Admin page: This page shows the admin's settings and offers the option to create reports and create representatives. The admin can add and remove users but bid and auction alterations are reserved for customer representatives. There is also a self destruct feature which destroys the entire site and database in an elegant fashion.

Self-destruct page: This will ask you if you are sure you want to end things in such a dramatic way and offer various help hotlines in case you are just mentally deranged. Multiple prompts will ask if you are sure and try to dissuade you from deleting everything, but after a few levels the final prompt will be asked.

Customer representative creation page: Page to enter customer's name, username, and password.

Report generation: Page to create reports. Various report types are available: total earnings; earnings per item, item type, and end-user; best-selling items and end-users.