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Point 1: Project Choice: marketplace (model used: Amazon)

Point 2:

End users functionality: Users(visitors)

Browse and search:

- ability to search for specific items
- Filter certain items

Purchase

- Buy now option and an add to cart function
- Checkout, but I am not sure payment will be added since this is a hypothetical model

Review

- Ability to leave reviews and feedback for certain items that were purchased
- Item needs to be purchased to leave a review

Wishlist

- Add items to a wishlist for later use
- Stored in a wishlist container

Account Management

- Ability to change password/username
- Card details
- Addresses
- Customer service

Orders

- Ability to cancel orders and check the status of placed orders

Admin users functionality:

Manage user account:

- Ability to take requests from user customer service
- A pathway to contact the owners of the marketplace or at least the customer service

Ad Promotion:

- Giving users recommendations based on related searches.

Market place analytics:

- Comprehensive understanding of market trends and most commonly searched items.
- If there are no recommendations based on searches we can use the website analytics to give the most popular items currently.

System Config:

- Security measures so that end users are safe and confident in using the platform.
- Autonomy over design of the marketplace.

Stock:

- We can check the inventory of certain items that are currently or not available and need to be restocked.

ER Diagram:

[https://docs.google.com/presentation/d/1shJ0sg\\_qb6mXOdH6745FReYVY9CfkfxOmQ\\_fQT7eQpl/edit?usp=sharing](https://docs.google.com/presentation/d/1shJ0sg_qb6mXOdH6745FReYVY9CfkfxOmQ_fQT7eQpl/edit?usp=sharing)